Naval Station Guantanamo Bay

Guantanamo Bay, Cuba
Emissions Test Report

Air Curtain Incinerator

April 18-30, 2016

CERTIFICATION

Ambient Air Services, Inc. (AASI) of Starke, Florida has completed the testing as described in this report at Naval Station Guantanamo Bay, located in Guantanamo Bay, Cuba. Testing was conducted for MULTIMAC JV on behalf of Naval Facilities Engineering Command Southeast (NAVFAC SE). To the best of our knowledge and abilities, all information, facts, and test data are true and correct. Information supplied to AASI for use in this report from MULTIMAC JV and/or NAVFAC SE is perceived to be accurate and is used as such where necessary.

This report contains pages 1 through 1560.

This report was reviewed by:

_____ _____

Joseph Cooksey, Technical Director Date

_____ _____

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EXECUTIVE SUMMARY

MultiMAC JV retained AASI to perform emissions testing for the NAVFAC SE. Testing was conducted at Naval Station Guantanamo Bay (NSGB), located in Guantanamo Bay, Cuba April 18 – 30, 2016. The objective of the testing was to obtain representative emission data for chemicals of concern that may be emitted from the air curtain incinerators located at NSGB. One of the four incinerators was tested. The results are presented in the table on the following page.

Executive Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba

April 18-30, 2016

Source	Parameters	Results		
Air Curtain Incinerator (D-1)	Volumetric Flow Rate	Day	106088	SCFMD
		Night	87245	
	Filterable Particulate Matter (PM)	Day	1.75	Grams / Second
		Night	2.27	
	Condensable Particulate Matter (CPM)	Day	0.82	
		Night	1.29	
	Sulfur Dioxide (SO_2)	Day	0.07	
		Night	0.04	
	Total Reduced Sulfur (TRS)	Day	0.01	
		Night	0.06	
	Oxides of Nitrogen (NO_x)	Day	0.29	
		Night	0.18	
	Carbon Monoxide (CO)	Day	5.50	
		Night	6.49	
	Total Hydrocarbon Compounds (THC)	Day	2.51	
		Night	4.15	
	Hydrogen Chloride (HCl)	Day	0.12	
		Night	0.11	
	Hydrogen Cyanide (HCN)	Day	0.016	
		Night	0.025	
	Mercury (Hg)	Day	7.85E-06	
		Night	5.09E-06	
	Carbon Dioxide (CO_2)	Day	0.2	Percent
		Night	0.2	
	Oxygen (O_2)	Day	20.7	
		Night	20.8	
	Metals (TSM)	The tested parameters have multiple target analytes. Full results can be found in section 4.0.		
	Particle Size Distribution			
	Dioxins/Furans (D/F)			
	Polychlorinated Biphenyls (PCB)			
	Polycyclic Aromatic Hydrocarbons (PAH)			
	Semi-Volatile Organic Compounds (SVOC)			
	Volatile Organic Compounds (VOC)			
	Aldehydes			

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ATTACHMENT 1 ELEMENT ONE METALS REPORT(S)

ATTACHMENT 2 TEST AMERICA D/F, PCB, PAH, SVOC REPORT(S)

ATTACHMENT 3 TEST AMERICA HYDROGEN CHLORIDE REPORT(S)

ATTACHMENT 4 TEST AMERICA HYDROGEN CYANIDE REPORT(S)

ATTACHMENT 5 OHIO LUMEX MERCURY REPORT(S)

ATTACHMENT 6 TEST AMERICA VOCS REPORTS(S)

ATTACHMENT 7 ENTHALPY ANALYTICAL ALDEHYDES REPORT(S)

ATTACHMENT 8 MVA SCIENTIFIC PARTICLE SIZE DISTRIBUTION REPORT(S)

Revision History

Revision Number	Comments	Issue Date
0	Draft 0 issued to Rafael DePaz	June 29, 2016
1	Draft 1 issued to Rafael DePaz	December 2, 2016

ACRONYMS AND ABBREVIATIONS

AASI	Ambient Air Services, Inc.
ACFM	Actual Cubic Feet per Minute
ACI	Air Curtain Incinerator
BDL	Below detection limit
BHA	Butylated hydroxyanisole
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CPM	Condensable Particulate Matter
DI water	Deionized water
D/F	Dioxins/Furans
DSCF	Dry Standard Cubic Feet
EDT	Eastern Daylight Time
GFC-NDIR	Gas filter correlation non-dispersive infrared analyzer
GR/SCFD	Grains per Standard Cubic Feet, Dry
H_2S	Hydrogen Sulfide
H_2SO_4	Sulfuric acid
HCl	Hydrogen Chloride
HCN	Hydrogen Cyanide
Hg	Mercury
ID	Inside diameter
mcg or µg	Microgram
ml	Milliliter
MDL	Minimum detection limit
MRL	Minimum reporting limit
N	Normaility
N/A	Not Applicable
NAOH	Sodium hydroxide
NAVFAC SE	Naval Facilities Engineering Command Southeast
ND	Non detectable

ACRONYMS AND ABBREVIATIONS CONTINUED

NO_x	Oxides of Nitrogen
NSGB	Naval Station Guantanamo Bay
O_2	Oxygen
OD	Outside diameter
OTM	Other Test Method
PAH	Polycyclic Aromatic Hydrocarbons
PCB's	Polychlorinated Biphenyls
PM	Particulate Matter
ppm	Parts per million
SCFD	Standard Cubic Feet Dry
SCFMD	Standard Cubic Feet per Minute Dry
SO_2	Sulfur Dioxide
SVOC	Semi-Volatile Organic Compounds
TEI	Thermo Environmental Instruments
THC	Total Hydrocarbon Compounds
TSM	Total Selected Metals
TRS	Total Reduced Sulfur
ul	Microliter
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compounds
v/v	Volume/volume

METHOD TITLES

USEPA Method 1	Sample and Velocity Traverses for Stationary Sources
USEPA Method 1A	Sample and Velocity Traverses for Stationary Sources with Small Stacks or Ducts
USEPA Method 2	Determination of Stack Gas Velocity and Volumetric Flow Rate (type S Pitot Tube)
USEPA Method 3A	Determination of Oxygen and Carbon Dioxide Concentrations in Emissions from Stationary Sources (Instrumental Analyzer Procedure)
USEPA Method 4	Determination of Moisture Content in Stack Gases
USEPA Method 5	Determination of Particulate Matter Emissions from Stationary Sources
USEPA Method 5D	Determination of Particulate Matter Emissions from Positive Pressure Fabric Filters
USEPA Method 5G	Determination of Particulate Matter Emissions from Wood Heaters
USEPA Method 6C	Determination of Sulfur Dioxide Emissions from Stationary Sources (Instrumental Analyzer Procedure)
USEPA Method 7E	Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure)
USEPA Method 10	Determination of Carbon Monoxide Emissions from Stationary Sources
USEPA Method 16C	Determination of Total Reduced Sulfur Emissions from Stationary Sources
USEPA Method 23	Determination of Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans from Stationary Sources
USEPA Method 25A	Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer
USEPA Method 26	Determination of Hydrogen Halide and Halogen Emissions from Stationary Sources Non-Isokinetic Method.
USEPA Method 29	Determination of Metals Emissions from Stationary Sources
USEPA Method 30B	Determination of Total Vapor Phase Mercury Emissions from Coal-Fired Combustion Sources Using Carbon Sorbent Traps

METHOD TITLES CONTINUED

USEPA Method 202	Dry Impinger Method for Determining Condensable Particulate Emissions from Stationary Sources
USEPA OTM 29	Other Test Method-Sampling and Analysis for Hydrogen Cyanide Emissions from Stationary Sources
USEPA SW846-0010	Modified Method 5 Sampling Train
USEPA SW846-0031	Sampling Method for Volatile Organic Compounds (SMVOC)
CARB 501	State of California Air Resources Board Method 501 Determination of Size Distribution of Particulate Matter from Stationary Sources
NCASI 105.01	Impinger Source Sampling Method for Selected Aldehydes, Ketone, and Polar Compounds
MVA SOP 310	Sample Preparation Methods for Total Particle Sizing Using Microscopical Techniques
MVA SOP 316	Automated Particle Size Analysis Using the JEOL JSM-6500F FESEM and Thermo Scientific Noran System 7

1.0 INTRODUCTION

MultiMAC JV retained AASI to perform emission testing on behalf of NAVFAC SE. The objective of the testing was to obtain representative emission data for chemicals of concern that may be emitted from the air curtain incinerators located at NSGB. One of the four incenerators was tested. Testing was conducted April 18-30, 2016.

The testing included separate day and night sampling events to capture data from different burning stages of the facility's incinerator and included the following parameters:

- Particulate Matter (PM)
- Condensable Particulate Matter (CPM)
- Particle Size Distribution
- Carbon Dioxide (CO_2)
- Oxygen (O_2)
- Sulfur Dioxide (SO_2)
- Total Reduced Sulfur (TRS)
- Oxides of Nitrogen (NO_x)
- Carbon Monoxide (CO)
- Total Hydrocarbon Compounds (THC)
- Dioxins/Furans (D/F)
- Polychlorinated Biphenyls (PCB's)
- Polycyclic Aromatic Hydrocarbons (PAH's)
- Semi-Volatile Organic Compounds (SVOC)
- Hydrogen Chloride (HCl)
- Hydrogen Cyanide (HCN)
- Metals (TSM)
- Mercury (Hg)
- Volatile Organic Compounds (VOC)
- Aldehydes

Table 1.0.1 on the following page presents a summary of the testing conducted.

Table 1.0.1

Summary of Testing Conducted Naval Station Guantanamo Bay Guantanamo Bay, Cuba April 18-30, 2016			
Source	**Parameters**	**Reference Methods**[(A)]	**Duration of Tests**
Air Curtain Incinerator (D-1)	Volumetric Flow Rate	USEPA Methods 1, 2, 5D	1 hour
	Particulate Matter, Condensable Particulate Matter, and Metals	USEPA Methods 1A, 4, 5, 5G, 29, 202	2 hours
	Particle Size Distribution	CARB Method 501	1 hour[(B)]
		USEPA Method 5, MVA SOP 310 & 316	1 hour
	Carbon Dioxide (CO_2) and Oxygen (O_2)	USEPA Methods 3A	8 hours
	Sulfur Dioxide (SO_2)	USEPA Method 6C	8 hours
	Total Reduced Sulfur (TRS)	USEPA Method 16C	8 hours
	Oxides of Nitrogen (NO_x)	USEPA Method 7E	8 hours
	Carbon Monoxide (CO)	USEPA Method 10	8 hours
	Total Hydrocarbon Compounds (THC)	USEPA Method 25A	8 hours
	Dioxins/Furans (D/F)	USEPA Method 23	4 hours
	Polychlorinated Biphenyls (PCB's), Polycyclic Aromatic Hydrocarbons (PAH's), Semi-Volatile Organic Compounds (SVOC)	USEPA SW846-0010	4 hours
	Hydrogen Chloride (HCl)	USEPA Method 26	4 hours
	Hydrogen Cyanide (HCN)	USEPA OTM 29	1 hour
	Mercury (Hg)	USEPA Method 30B	8 hours
	Volatile Organic Compounds (VOC)	USEPA SW846-0031	2 hours
	Aldehydes	NCASI 105.01	1 hour

See corresponding notes on the next page.

(A) 5 day time samples and 5 night time samples (1 sample per day, per parameter) were taken (10 total samples per parameter).

(B) Due to high particulate loading, 2 hours of testing as proposed in the protocol was not achieved before the collection device was completely impacted with particulate. Testing was conducted for one hour or until the sampling rate could not be maintained. This deviation was discussed and approved while on site. Because the test is designed to collect particulate, this deviation does not adversely affect minimum detection limits. The change in run time would not directly affect the size distribution.

1.1 Project Participants

The personnel indicated in Table 1.1.1 participated in this project:

Table 1.1.1

Project Participants **Naval Station Guantanamo Bay** **Guantanamo Bay, Cuba** **April 18-30, 2016**		
Name	**Affiliation**	**Responsibility**
Abram Lafferty	Ambient Air Services, Inc.	Project Manager, Field Testing
Matt Hamilton	Ambient Air Services, Inc.	Field Testing
Mike Hinkel	Ambient Air Services, Inc.	Field Testing
William Garabrandt	Ambient Air Services, Inc.	Field Testing
Joseph Cooksey	Ambient Air Services, Inc.	Technical Director
Daniel Ockenhouse	Ambient Air Services, Inc.	Quality Assurance Manager
Michelle Walls	Ambient Air Services, Inc.	Report Preparation
Rafael DePaz	MultiMAC JV	Testing Support
Bill Basta	MultiMAC JV	Testing Support
Justin Knoll	MultiMAC JV	Testing Support
Pete Yanczak	MultiMAC JV	Testing Support
Matt Cookingham	NAVFAC Southeast	Testing Oversight
Donald Hommeland	NAVFAC Southeast	Testing Oversight
Myrna Martinez	Naval Station Guantanamo Bay	Testing Support
Chris Waldron	Pioneer Technologies	Testing Oversight

2.0 SOURCE DESCRIPTION

The source tested was an Airburner's Fire Box S-327. The firebox is a self-contained, above ground Air Curtain with a refractory lined burn-container for portable and permanent (stationary) applications. A photo of the unit is presented in 2.0.1. The manufacturer's specifications are presented in 2.0.2.

Per the OEM, the fire box "is designed for the high temperature burning of forest slash, land clearing debris, green waste, storm debris, and other waste streams. The firebox is also used for disaster recovery and Homeland Security contingencies and for certain MSW green waste disposal applications. The boxes have also been used as the primary MSW disposal at remote locations (other countries) not subject to US regulations".

These units operate by burning the combustible material in an enclosed space with an open top, over which a high velocity "curtain" of air is directed to reduce the escape of large particles and to improve air circulation into the burning debris. Generally, the air flow inside the firebox provides circulation of air into the combustion zone and recirculates at least a portion of combustion byproduct back into the high temperature combustion region surrounding the debris. This combination of higher air flow into the combustion zone and recirculation of the combustion products is designed to reduce visible particulate matter (PM) emissions and provide increased gas phase residence times compared to open pile burning.

According to the manufacturer, the ceramic panels of the burn boxes have a lifespan of approximately 10 years.

Typical operation when burning waste is fundamentally the same. The initial charge of waste is loaded into the unit in the morning and ignited, usually with diesel fuel or kerosene. The ignition process can generate a temporary puff of black smoke as the diesel fuel ignites, and smoke typically increases for a brief period as subsequent loads of wastes are loaded.

Once the waste has ignited, the blower is started and additional waste is loaded into the unit as needed throughout the day to maintain combustion. The waste consisted of a mixture of wood, household garbage, and yard waste. Generally, no auxiliary fuel is used to maintain good combustion within the unit. Burning occurs continuously and waste charging stops around 4-5 PM, left to smolder overnight. Waste loading data (supplied by MultiMAC JV) is presented in 2.0.3.

The day sampling event tested the box while the air curtain blower was operating. The air curtain blowers are turned off after waste loading is completed. The box smolders overnight, until loading operations begin the next day. The night sampling event tested the box while the air curtain blower was not operating, and no loading occurred during this time.


S-327
Air Burners
www.airburners.com

FIRE BOX SPECIFICATIONS

S-327



General: A self-contained, completely assembled above ground Air Curtain Burner (air curtain incinerator or FireBox) with a refractory lined burn-container for portable and permanent (stationary) applications. Designed for the high temperature burning of forest slash, land clearing debris, green waste, storm debris, and other waste streams in compliance with the requirements of US EPA 40CFR60.

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

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

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

AIR BURNERS, INC.
4390 Cargo Way, Palm City, FL 34990
Phone 772-220-7303 - FAX 772-220-7302
E-mail: info@airburners.com - www.airburners.com

Rev. 06.2014

Table 2.0.3

Air Curtain Incinerator Waste Loading (tons)-NSGB

Date	Total Tonnage Loaded at Landfill	Approximately % Loaded into Test ACI
4/18/2016	22.64	50%
4/19/2016	14.5	60%
4/20/2016	13.74	70%
4/21/2016	7.17	90%
4/22/2016	15.08	66%

Note:
All loading occurred during daytime sampling. No loading during night time sampling

3.0 SAMPLING STRATEGY

The design and operation of the air curtain incinerator (ACI) did not allow for strict adherence to USEPA reference methods for source emissions testing.

No suitable measurement site, as described in USEPA Method 1, existed for the source as it was constructed and operated. Modifications to the source that would have allowed it to satisfy USEPA Method 1 criteria would have been disruptive to operations and would not have accurately represented the source's typical operation.

The goal of USEPA Method 1 is to select a measurement site that is representative of compound emissions and/or total volumetric flow rate from a source. Representative volumetric flow rate measurements must consider the entire area of potential exhaust of the source. Measurement points were located according to USEPA Method 1, by treating the entire open area of the incinerator as a large rectangular stack. The height of the sampling point was determined by field measurements, at the point of highest differential pressure.

A small, moveable, stack was constructed to allow the measurement point to satisfy upstream and downstream criteria as described in USEPA Method 5D. The area was accessed and traversed with an aerial lift. Figure 3.0.1 is a diagram of the flow measurement system. The entire area was measured for flow rate as measurements were coordinated with loading. Figure 3.0.2 shows the sampling points for flow measurements.

Locating a representative sample location for compound measurement was more complex because sampling time is strictly dictated by the testing methods and accommodations for loading the unit would have been significantly disruptive. Sampling time varied for the required parameters, and therefore would have required sampling trains to be located at several locations simultaneously, further complicating the incinerator operations.

Due to these challenges, a single point sampling system was used for compound measurement. In order to withdraw an appropriate amount of sample, a small duct withdrew sample at a controlled rate, such that induced draft from dilution air was minimized. Construction of the sample tunnel was similar to the dilution tunnel specified in USEPA Method 5G. The sample duct was insulated to prevent condensation. Location of the sample intake was determined based on field measurements of flow and carbon dioxide. Figure 3.0.3 is a diagram of the sampling system. Velocity, temperature, oxygen, and carbon dioxide were measured at the sample hood location and near the compound measurement sites in order to control isokinetics of the system. Variable speed fan controllers allowed the sample apparatus velocity to match the velocity measured in the box. Oxygen and carbon dioxide samples yielded results that were near ambient, which matched the measurements from the sample apparatus. All emissions measurements were made from the sample tunnel. Measurement points were located based on USEPA Method 1A when applicable.

Figure 3.0.1

Flow Sampling System

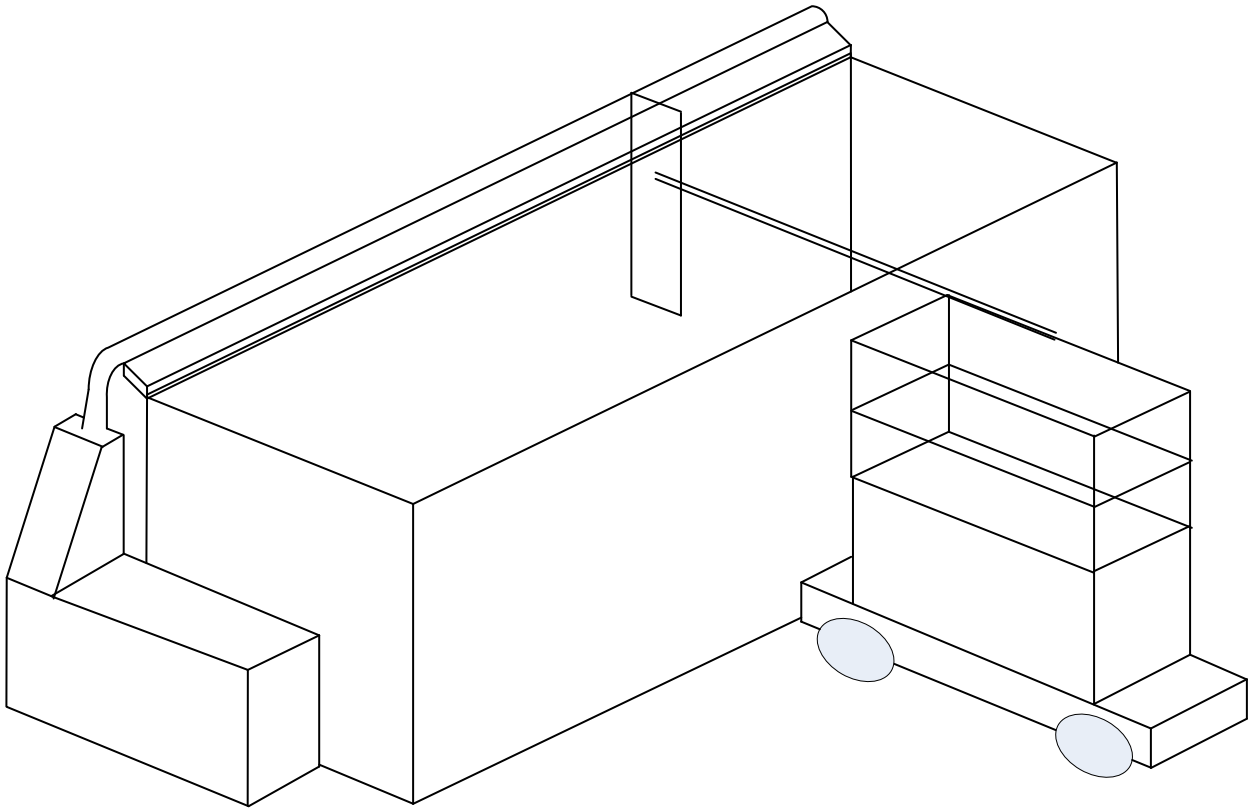
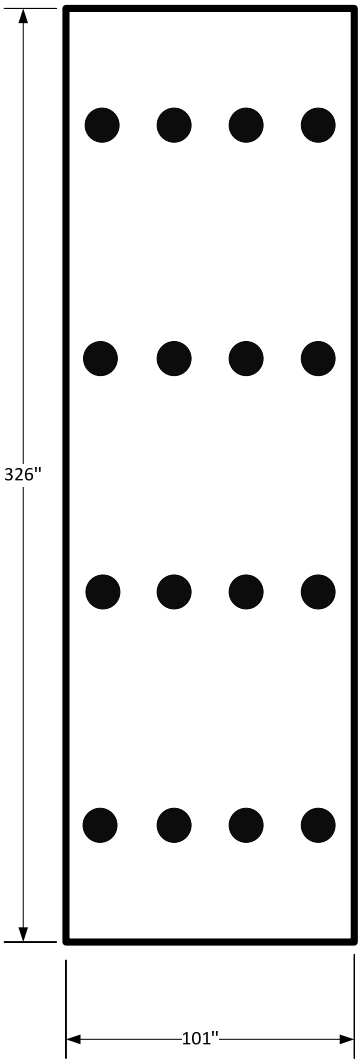


Figure 3.0.2

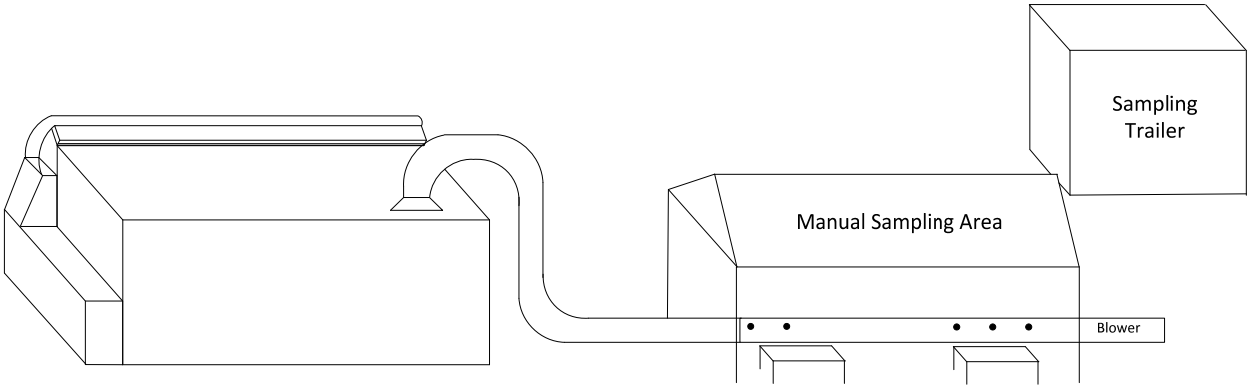
Guantanamo Bay Naval Base
Guantanamo Bay, Cuba
Air Curtain Incinerator
Velocity Sampling Points

				Sampling Points (Inches)			
				Distance from Top End		**Distance from Right Side**	
Diameters Upstream	N/A	Stack Width	101”	1	40.75”	1	12.63”
Diameters Downstream	N/A	Stack Depth	326”	2	122.25”	2	37.88”
Matrix	4 X 4			3	203.75”	3	63.13”
				4	285.25”	4	88.38”



Note: 4 by 4 point matrix for 16 total points.

Figure 3.0.3
Compound Sampling System



4.0 SUMMARY OF TEST RESULTS

The test results are summarized in the following sections:

Section 4.1 presents a summary(s) of test results.

Section 4.2 presents a summary(s) of flow results.

Section 4.3 presents a summary(s) of PM/CPM/metals results.

Section 4.4 presents a summary(s) of particle size distribution results.

Section 4.5 presents a summary(s) of gaseous emissions results.

Section 4.6 presents a summary(s) of D/F, PCB, PAH, and SVOC results.

Section 4.7 presents a summary(s) of HCl results.

Section 4.8 presents a summary(s) of HCN results.

Section 4.9 presents a summary(s) of Hg results.

Section 4.11 presents a summary(s) of aldehyde results

Table 4.1

Summary of Test Results

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba

April 18-30, 2016

Source	Parameters	Results		
Air Curtain Incinerator (D-1)	Volumetric Flow Rate	Day	106088	SCFMD
		Night	87245	
	Filterable Particulate Matter (PM)	Day	1.75	Grams / Second
		Night	2.27	
	Condensable Particulate Matter (CPM)	Day	0.82	
		Night	1.29	
	Sulfur Dioxide (SO_2)	Day	0.07	
		Night	0.04	
	Total Reduced Sulfur (TRS)	Day	0.01	
		Night	0.06	
	Oxides of Nitrogen (NO_x)	Day	0.29	
		Night	0.18	
	Carbon Monoxide (CO)	Day	5.50	
		Night	6.49	
	Total Hydrocarbon Compounds (THC)	Day	2.51	
		Night	4.15	
	Hydrogen Chloride (HCl)	Day	0.12	
		Night	0.11	
	Hydrogen Cyanide (HCN)	Day	0.016	
		Night	0.025	
	Mercury (Hg)	Day	7.85E-06	
		Night	5.09E-06	
	Carbon Dioxide (CO_2)	Day	0.2	Percent
		Night	0.2	
	Oxygen (O_2)	Day	20.7	
		Night	20.8	
	Metals (TSM)	The tested parameters have multiple target analytes. Full results can be found in section 4.0.		
	Particle Size Distribution			
	Dioxins/Furans (D/F)			
	Polychlorinated Biphenyls (PCB)			
	Polycyclic Aromatic Hydrocarbons (PAH)			
	Semi-Volatile Organic Compounds (SVOC)			
	Volatile Organic Compounds (VOC)			
	Aldehydes			

4.2 Summary of Flow Results

Table 4.2.1 presents a summary of flow results.

Table 4.2.2 presents a summary of moisture results.

Table 4.2.1

AASI

Flow Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25 - 29, 2016

Day Sampling

Date	Flow Number	Time (EDT)	Temperature (°F)	Moisture	ACFM	SCFMD
4/19/2016(1)	D1	13:40	222	2.0%	159148	120848
		14:05				
4/19/2016	D2	15:30	167	2.0%	119318	98551
		15:50				
4/20/2016	D3	8:11	99	2.3%	108768	100527
		8:26				
4/21/2016	D4	11:46	114	2.4%	152985	137491
		12:10				
4/22/2016	D5	11:13	270	2.5%	103626	73023
		11:39				
Average			**175**	**2.3%**	**128769**	**106088**

Note(1): A flow was not taken on 4/18. Two measurements were made on 4/19.

Night Sampling

Date	Flow Number	Time (EDT)	Temperature (°F)	Moisture	ACFM	SCFMD
4/25/2016	N1	21:48	124	3.4%	120339	104782
		22:14				
4/26/2016	N2	17:45	108	2.9%	99401	89404
		17:59				
4/27/2016	N3	18:04	136	3.2%	84796	72499
		18:15				
4/28/2016	N4	19:34	106	2.9%	85948	77662
		19:47				
4/29/2016	N5	16:09	155	3.0%	110400	91877
		16:21				
Average			**126**	**3.1%**	**100177**	**87245**

Table 4.2.2

AASI

Moisture Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25 - 29, 2016

Day Sampling

Date	Test Number	Average Moisture	Test Train							
			CARB 501		USEPA M23		USEPA OTM 29		USEPA M5/202/29	
			Time (EDT)	Moisture	Time (EDT)	Moisture	Time (EDT)	Moisture	Time (EDT)	Moisture
4/18/2016	D1	3.3%	10:04	4.6%	10:01	3.1%	10:34	3.4%	13:15	2.2%
			10:49		15:52		11:52		16:17	
4/19/2016	D2	2.0%	13:41	1.8%	8:43	2.6%	11:04	2.0%	12:17	1.6%
			14:42		12:43		12:04		14:17	
4/20/2016	D3	2.3%	9:20	2.1%	8:00	2.5%	10:45	2.9%	14:51	1.7%
			10:20		12:00		11:45		17:09	
4/21/2016	D4	2.4%	12:32	2.4%	8:17	2.9%	11:07	3.0%	8:31	1.4%
			13:27		12:57		12:13		10:45	
4/22/2016	D5	2.5%	11:35	1.9%	8:38	4.0%	9:05	2.8%	8:37	1.4%
			12:36		13:18		10:05		10:53	
Average		2.5%								

Night Sampling

Date	Test Number	Average Moisture	Test Train							
			CARB 501		USEPA M23		USEPA OTM 29		USEPA M5/202/29	
			Time (EDT)	Moisture	Time (EDT)	Moisture	Time (EDT)	Moisture	Time (EDT)	Moisture
4/25/2016	N1	3.4%	18:09	3.1%	18:00	3.5%	18:37	4.3%	17:53	2.7%
			18:27		22:47		19:37		20:50	
4/26/2016	N2	2.9%	17:28	2.6%	17:34	3.5%	17:56	4.2%	18:27	1.4%
			18:18		21:34		18:56		20:27	
4/27/2016	N3	3.2%	18:10	2.3%	17:45	3.8%	20:15	4.4%	20:04	2.1%
			19:10		21:45		21:15		22:04	
4/28/2016	N4	2.9%	17:30	2.8%	17:35	3.5%	17:52	2.9%	20:59	2.2%
			17:55		21:55		18:52		22:59	
4/29/2016	N5	3.0%	16:25	2.4%	18:16	3.5%	19:02	4.0%	17:32	2.0%
			17:25		22:16		20:02		19:32	
Average		3.1%								

4.3 Summary of PM/CPM/Metals Results

Table 4.3.1 presents a summary of PM/CPM results.

Table 4.3.2 presents a summary of metals results.

Table 4.3.1

AASI

Filterable and Condensable Particulate Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18-22 and April 25-29, 2016

Day Sampling

Run			Filterable Particulate		Condensable Particulate		Total Particulate Emissions		Volumetric Flow Rates		Stack		Sample Volume	Percent Isokinetic
Date	Number	Time (EDT)	Grams/SCFD	Grams / Second	Grams/SCFD	Grams / Second	Grams/SCFD	Grams / Second	ACFM	SCFMD	Temp °F	Moisture %	SCFD	
4/18/2016	**D1**	13:15 16:17	0.0009	1.81	0.0008	1.52	0.0017	3.33	159148	120848	119	2.2	35.520	92
4/19/2016	**D2**	12:17 14:17	0.0007	1.17	0.0004	0.60	0.0011	1.77	119318	98551	158	1.6	45.798	97
4/20/2016	**D3**	14:51 17:09	0.0015	2.48	0.0006	1.00	0.0021	3.48	108768	100527	130	1.7	48.209	95
4/21/2016	**D4**	8:31 10:45	0.0008	1.88	0.0003	0.70	0.0011	2.58	152985	137491	98	1.4	63.325	101
4/22/2016	**D5**	8:37 10:53	0.0011	1.39	0.0002	0.28	0.0014	1.67	103626	73023	106	1.4	54.821	100
Average			**0.0010**	**1.75**	**0.0005**	**0.82**	**0.0015**	**2.57**	**128769**	**106088**	**122**	**1.7**	**49.535**	**97**

Night Sampling

Run			Filterable Particulate		Condensible Particulate		Total Particulate Emissions		Volumetric Flow Rates		Stack		Sample Volume	Percent Isokinetic
Date	Number	Time (EDT)	Grams/SCFD	Grams / Second	Grams/SCFD	Grams / Second	Grams/SCFD	Grams / Second	ACFM	SCFMD	Temp °F	Moisture %	SCFD	
4/25/2016	**N1**	17:53 20:50	0.0033	5.79	0.0012	2.14	0.0045	7.94	120339	104782	145	2.7	34.266	101
4/26/2016	**N2**	18:27 20:27	0.0014	2.09	0.0013	1.87	0.0027	3.96	99401	89404	106	1.4	35.892	100
4/27/2016	**N3**	20:04 22:04	0.0012	1.44	0.0008	0.98	0.0020	2.42	84796	72499	103	2.1	36.077	101
4/28/2016	**N4**	20:59 22:59	0.0004	0.49	0.0004	0.52	0.0008	1.01	85948	77662	89	2.2	35.756	99
4/29/2016	**N5**	17:32 19:32	0.0010	1.53	0.0006	0.92	0.0016	2.45	110400	91877	96	2.0	35.598	99
Average			**0.0015**	**2.27**	**0.0009**	**1.29**	**0.0023**	**3.55**	**100177**	**87245**	**108**	**2.1**	**35.518**	**100**

Table 4.3.2

AASI

Metals Emission Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016

Day Sampling

Analyte	Run D1	Run D2	Run D3	Run D4	Run D5	Average
	Date 4/18/2016	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
Antimony	1.87E-03	1.10E-02	1.14E-03	9.73E-04	8.99E-04	3.19E-03
Arsenic	1.58E-04	5.56E-05	5.42E-05	1.41E-04	4.20E-05	9.01E-05
Barium	8.54E-02	1.03E-02	3.53E-02	1.85E-02	1.99E-02	3.39E-02
Beryllium	1.61E-05	3.80E-06	6.60E-06	6.69E-06	4.02E-06	7.44E-06
Cadmium	2.86E-04	9.18E-05	1.26E-04	6.48E-05	2.89E-05	1.20E-04
Chromium	2.25E-03	5.16E-04	6.57E-04	8.58E-04	3.69E-04	9.29E-04
Cobalt	1.87E-02	9.04E-05	2.30E-04	7.85E-05	2.91E-05	3.82E-03
Copper	5.78E-03	2.77E-03	1.09E-03	4.63E-03	5.64E-04	2.97E-03
Lead	1.55E-03	1.73E-03	5.66E-04	1.46E-03	3.09E-04	1.12E-03
Manganese	1.43E-03	7.64E-04	6.33E-04	1.10E-03	4.66E-04	8.79E-04
Nickel	1.25E-03	5.70E-04	3.13E-04	4.92E-04	2.02E-04	5.66E-04
Phosphorus	6.97E-03	4.02E-03	4.17E-03	7.35E-03	2.69E-03	5.04E-03
Selenium	7.31E-05	1.79E-05	1.74E-05	1.81E-05	1.11E-05	2.75E-05
Silver	3.75E-05	2.64E-05	1.13E-05	1.55E-05	1.48E-05	2.11E-05
Thallium	1.13E-05	7.17E-06	6.95E-06	7.24E-06	4.44E-06	7.43E-06
Zinc	7.89E-02	1.67E-02	3.40E-02	2.02E-02	1.82E-02	3.36E-02

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
Antimony	1.98E-03	2.70E-04	1.38E-04	5.25E-05	2.60E-04	5.41E-04
Arsenic	2.13E-04	3.18E-05	5.09E-05	4.38E-05	4.56E-05	7.69E-05
Barium	2.97E-02	1.34E-04	2.70E-03	1.78E-03	8.52E-03	8.56E-03
Beryllium	1.67E-05	2.08E-06	1.98E-06	1.95E-06	2.71E-06	5.08E-06
Cadmium	8.97E-05	5.52E-05	9.55E-05	2.24E-05	2.16E-04	9.56E-05
Chromium	2.61E-03	2.38E-04	4.69E-04	4.24E-04	5.81E-04	8.64E-04
Cobalt	1.40E-04	2.22E-05	3.32E-05	2.37E-05	2.93E-05	4.97E-05
Copper	6.17E-03	1.18E-03	1.22E-03	9.38E-04	1.26E-03	2.15E-03
Lead	1.74E-03	4.77E-04	3.25E-04	2.55E-04	4.95E-04	6.59E-04
Manganese	1.47E-03	4.94E-04	5.76E-04	3.49E-04	5.03E-04	6.79E-04
Nickel	7.24E-04	3.56E-04	5.63E-04	2.17E-04	2.80E-04	4.28E-04
Phosphorus	6.22E-03	1.87E-03	2.22E-03	1.69E-03	2.41E-03	2.88E-03
Selenium	3.31E-05	2.08E-05	1.67E-05	1.81E-05	2.15E-05	2.20E-05
Silver	2.75E-05	1.14E-05	6.70E-06	9.30E-06	8.69E-06	1.27E-05
Thallium	1.33E-05	8.30E-06	6.70E-06	7.24E-06	8.60E-06	8.82E-06
Zinc	3.32E-02	2.47E-03	6.06E-03	3.20E-03	1.03E-02	1.10E-02

4.4 Summary of Particle Size Distribution Results

Table 4.4.1 presents a summary of day time particle size distribution results (Cascade Impactor Method).

Table 4.4.2 presents a summary of night time particle size distribution results (Cascade Impactor Method).

Table 4.4.3 presents a summary of day time particle size distribution results (Microscopic Analysis).

Table 4.4.4 presents a summary of night time particle size distribution results (Microscopic Analysis).

Table 4.4.1

AASI

Particle Sizing Analysis
Cascade Impactor
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18-22 and April 25-29, 2016

Day Sampling

Run D1 - Air Curtain Incinerator					
Stage	**50% Cut Diameter (um) d50**	**Particulate Collected (mg)**	**Sample Volume (SCFD)**	**Flow Rate (SCFMD)**	**Emission Rate (grams/sec)**
1, 2, & 3[(1)]	8.68	21.4	30.53	120848	1.41
4	3.48	6.1	30.53	120848	0.40
5	1.76	5.5	30.53	120848	0.36
6	0.97	2.6	30.53	120848	0.17
7	0.46	6.7	30.53	120848	0.44
8 & Filter	0.16	38.8	30.53	120848	2.56

Run D2 - Air Curtain Incinerator					
Stage	**50% Cut Diameter (um) d50**	**Particulate Collected (mg)**	**Sample Volume (SCFD)**	**Flow Rate (SCFMD)**	**Emission Rate (grams/sec)**
1, 2, & 3[(1)]	9.29	6.9	43.00	98551	0.26
4	3.58	2.0	43.00	98551	0.08
5	1.81	3.4	43.00	98551	0.13
6	1.01	2.9	43.00	98551	0.11
7	0.49	47.3	43.00	98551	1.81
8 & Filter	0.19	22.0	43.00	98551	0.84

Run D3 - Air Curtain Incinerator					
Stage	**50% Cut Diameter (um) d50**	**Particulate Collected (mg)**	**Sample Volume (SCFD)**	**Flow Rate (SCFMD)**	**Emission Rate (grams/sec)**
1, 2, & 3[(1)]	9.32	6.8	43.11	100527	0.26
4	3.60	2.1	43.11	100527	0.08
5	1.82	4.4	43.11	100527	0.17
6	1.01	2.8	43.11	100527	0.11
7	0.50	5.7	43.11	100527	0.22
8 & Filter[(2)]	0.19	13.3	43.11	100527	0.52

Run D4 - Air Curtain Incinerator					
Stage	**50% Cut Diameter (um) d50**	**Particulate Collected (mg)**	**Sample Volume (SCFD)**	**Flow Rate (SCFMD)**	**Emission Rate (grams/sec)**
1, 2, & 3[(1)]	9.30	10.2	39.31	137491	0.59
4	3.59	1.5	39.31	137491	0.09
5	1.81	4.2	39.31	137491	0.24
6	1.01	12.4	39.31	137491	0.72
7	0.49	9.9	39.31	137491	0.58
8 & Filter	0.19	26.5	39.31	137491	1.54

Run D5 - Air Curtain Incinerator					
Stage	**50% Cut Diameter (um) d50**	**Particulate Collected (mg)**	**Sample Volume (SCFD)**	**Flow Rate (SCFMD)**	**Emission Rate (grams/sec)**
1, 2, & 3[(1)]	9.31	8.6	43.12	73023	0.24
4	3.59	2.5	43.12	73023	0.07
5	1.81	3.3	43.12	73023	0.09
6	1.01	6.8	43.12	73023	0.19
7	0.49	6.7	43.12	73023	0.19
8 & Filter[(2)]	0.19	32.4	43.12	73023	0.91

Note (1): The first stage cut diameter was less than stages 2 and 3. The three stages are reported together as the smallest cut diameter
(2): Day runs 3 & 5 include partiulate matter that was collected in the impinger train as part of the final stage results.

Table 4.4.2

AASI

Particle Sizing Analysis
Cascade Impactor
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18-22 and April 25-29, 2016

Night Sampling

Run N1 - Air Curtain Incinerator					
Stage	**50% Cut Diameter (um) d50**	**Particulate Collected (mg)**	**Sample Volume (SCFD)**	**Flow Rate (SCFMD)**	**Emission Rate (grams/sec)**
1, 2, & 3[(1)]	9.29	3.5	12.36	104782	0.49
4	3.57	2.3	12.36	104782	0.33
5	1.81	3.0	12.36	104782	0.42
6	1.01	5.6	12.36	104782	0.79
7	0.48	14.2	12.36	104782	2.01
8 & Filter	0.18	48.2	12.36	104782	6.81

Run N2 - Air Curtain Incinerator					
Stage	**50% Cut Diameter (um) d50**	**Particulate Collected (mg)**	**Sample Volume (SCFD)**	**Flow Rate (SCFMD)**	**Emission Rate (grams/sec)**
1, 2, & 3[(1)]	9.24	10.7	35.79	89404	0.45
4	3.56	7.2	35.79	89404	0.30
5	1.80	9.3	35.79	89404	0.39
6	1.00	19.7	35.79	89404	0.82
7	0.49	17.6	35.79	89404	0.73
8 & Filter	0.19	48.2	35.79	89404	2.01

Run N3 - Air Curtain Incinerator					
Stage	**50% Cut Diameter (um) d50**	**Particulate Collected (mg)**	**Sample Volume (SCFD)**	**Flow Rate (SCFMD)**	**Emission Rate (grams/sec)**
1, 2, & 3[(1)]	9.27	4.3	42.80	72499	0.12
4	3.58	1.1	42.80	72499	0.03
5	1.81	3.1	42.80	72499	0.09
6	1.01	9.9	42.80	72499	0.28
7	0.49	9.7	42.80	72499	0.27
8 & Filter	0.19	26.1	42.80	72499	0.74

Run N4 - Air Curtain Incinerator					
Stage	**50% Cut Diameter (um) d50**	**Particulate Collected (mg)**	**Sample Volume (SCFD)**	**Flow Rate (SCFMD)**	**Emission Rate (grams/sec)**
1, 2, & 3[(1)]	9.40	7.7	17.04	77662	0.58
4	3.62	3.7	17.04	77662	0.28
5	1.84	5.9	17.04	77662	0.45
6	1.03	12.6	17.04	77662	0.96
7	0.50	15.6	17.04	77662	1.18
8 & Filter	0.19	25.8	17.04	77662	1.96

Run N5 - Air Curtain Incinerator					
Stage	**50% Cut Diameter (um) d50**	**Particulate Collected (mg)**	**Sample Volume (SCFD)**	**Flow Rate (SCFMD)**	**Emission Rate (grams/sec)**
1, 2, & 3[(1)]	9.28	7.0	42.98	91877	0.25
4	3.58	1.4	42.98	91877	0.05
5	1.81	4.6	42.98	91877	0.16
6	1.01	5.9	42.98	91877	0.21
7	0.49	8.9	42.98	91877	0.32
8 & Filter	0.19	20.7	42.98	91877	0.74

Note (1): The first stage cut diameter was less than stages 2 and 3. The three stages are reported together as the smallest cut diameter.

Table 4.4.3

Particle Sizing Analysis
Scanning Electron Microscopy Analysis
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016

Day Sampling

Run D1 - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[1]**	**Total Particulate Emission Rate[2] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
12.50	0.6	45.2	1.81	0.82
8.51	0.8	19.2	1.81	0.35
5.90	2.1	17.0	1.81	0.31
3.43	8.0	13.5	1.81	0.24
1.47	31.4	4.2	1.81	0.08
0.73	57.1	0.9	1.81	0.02

Run D2 - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[1]**	**Total Particulate Emission Rate[2] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
12.95	0.1	24.5	1.17	0.29
8.30	0.1	7.0	1.17	0.08
5.92	0.4	15.8	1.17	0.18
3.25	3.7	24.5	1.17	0.29
1.41	34.9	22.7	1.17	0.27
0.73	60.9	5.6	1.17	0.07

Notes: (1): The mass distribution was calculated based on the assumptions that all particles were of similar density.
(2): Total particulate emission rate is based on results of filterable PM testing conducted in April 2016.

Table 4.4.3 Continued

Particle Sizing Analysis
Scanning Electron Microscopy Analysis
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016

Day Sampling

Run D3 - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[(1)]**	**Total Particulate Emission Rate[(2)] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
12.08	0.1	24.2	2.48	0.60
8.53	0.3	11.7	2.48	0.29
5.83	0.9	17.1	2.48	0.42
3.30	6.9	27.4	2.48	0.68
1.50	39.0	17.0	2.48	0.42
0.73	52.8	2.7	2.48	0.07

Run D4 - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[(1)]**	**Total Particulate Emission Rate[(2)] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
14.34	0.9	71.3	1.88	1.34
8.70	0.9	12.2	1.88	0.23
5.92	1.6	7.3	1.88	0.14
3.37	5.9	5.9	1.88	0.11
1.47	27.0	2.7	1.88	0.05
0.72	63.8	0.6	1.88	0.01

Notes: (1): The mass distribution was calculated based on the assumptions that all particles were of similar density.
(2): Total particulate emission rate is based on results of filterable PM testing conducted in April 2016.

Table 4.4.3 Continued

Particle Sizing Analysis
Scanning Electron Microscopy Analysis
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016

Day Sampling

Run D5 - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[(1)]**	**Total Particulate Emission Rate[(2)] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
14.05	0.3	50.2	1.39	0.70
8.51	0.4	10.0	1.39	0.14
5.97	1.3	12.6	1.39	0.18
3.31	8.7	17.8	1.39	0.25
1.52	33.1	8.2	1.39	0.11
0.72	56.2	1.3	1.39	0.02

Day Testing Average Results - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[(1)]**	**Total Particulate Emission Rate[(2)] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
13.18	0.4	43.1	1.75	0.75
8.51	0.5	12.0	1.75	0.22
5.91	1.3	14.0	1.75	0.25
3.33	6.6	17.8	1.75	0.31
1.47	33.1	11.0	1.75	0.19
0.73	58.2	2.2	1.75	0.04

Notes: (1): The mass distribution was calculated based on the assumptions that all particles were of similar density.
(2): Total particulate emission rate is based on results of filterable PM testing conducted in April 2016.

Table 4.4.4

Particle Sizing Analysis
Scanning Electron Microscopy Analysis
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Run N1 - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[(1)]**	**Total Particulate Emission Rate[(2)] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
12.85	1.0	51.1	5.79	2.96
8.61	1.1	16.9	5.79	0.98
5.93	2.5	12.9	5.79	0.75
3.41	10.7	13.3	5.79	0.77
1.53	39.6	5.2	5.79	0.30
0.73	45.1	0.6	5.79	0.03

Run N2 - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[(1)]**	**Total Particulate Emission Rate[(2)] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
11.50	0.1	15.0	2.09	0.31
8.50	0.4	17.2	2.09	0.36
5.86	1.4	19.6	2.09	0.41
3.31	9.8	30.3	2.09	0.63
1.51	41.4	16.0	2.09	0.33
0.73	46.8	2.0	2.09	0.04

Notes (1): The mass distribution was calculated based on the assumptions that all particles were of similar density.
(2): Total particulate emission rate is based on results of filterable PM testing conducted in April 2016.

Table 4.4.4 Continued

Particle Sizing Analysis
Scanning Electron Microscopy Analysis
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Run N3 - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[1]**	**Total Particulate Emission Rate[2] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
13.44	0.2	45.0	1.44	0.65
8.56	0.1	7.4	1.44	0.11
5.87	0.7	10.8	1.44	0.16
3.23	5.2	17.2	1.44	0.25
1.47	40.0	16.6	1.44	0.24
0.74	53.8	3.0	1.44	0.04

Run N4 - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[1]**	**Total Particulate Emission Rate[2] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
13.46	0.3	41.0	0.49	0.20
8.59	0.3	11.2	0.49	0.05
5.89	1.3	17.7	0.49	0.09
3.32	5.8	17.0	0.49	0.08
1.45	36.1	11.0	0.49	0.05
0.73	56.2	2.2	0.49	0.01

Notes (1): The mass distribution was calculated based on the assumptions that all particles were of similar density.
(2): Total particulate emission rate is based on results of filterable PM testing conducted in April 2016.

Table 4.4.4 Continued

Particle Sizing Analysis
Scanning Electron Microscopy Analysis
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Run N5 - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[(1)]**	**Total Particulate Emission Rate[(2)] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
15.72	0.2	64.9	1.53	0.99
9.12	0.2	2.4	1.53	0.04
6.18	1.8	14.8	1.53	0.23
3.32	7.4	10.3	1.53	0.16
1.51	39.1	6.6	1.53	0.10
0.73	51.3	1.0	1.53	0.02

Night Testing Average Results - Air Curtain Incinerator				
Diameter (um)	**Particle Count Distribution**	**Mass Distriubtion[(1)]**	**Total Particulate Emission Rate[(2)] (grams/sec)**	**Size Distributed Emission Rate (grams/sec)**
13.39	0.4	43.4	2.27	1.02
8.68	0.4	11.0	2.27	0.31
5.95	1.5	15.2	2.27	0.33
3.32	7.8	17.6	2.27	0.38
1.49	39.2	11.1	2.27	0.21
0.73	50.6	1.8	2.27	0.03

Notes (1): The mass distribution was calculated based on the assumptions that all particles were of similar density.
(2): Total particulate emission rate is based on results of filterable PM testing conducted in April 2016.

4.5 Summary of Gaseous Emissions Results

Table 4.5.1 presents a summary of carbon dioxide (CO_2) and oxygen (O_2) results.

Table 4.5.2 presents a summary of oxides of nitrogen (NO_x) emissions.

Table 4.5.3 presents a summary of carbon monoxide (CO) emissions.

Table 4.5.4 presents a summary of sulfur dioxide (SO_2) emissions.

Table 4.5.5 presents a summary of total hydrocarbon compounds (THC) emissions.

Table 4.5.6 presents a summary of total reduced sulfur (TRS) emissions.

Table 4.5.1

AASI

Carbon Dioxide (CO_2) and Oxygen (O_2) Summary
USEPA Method 3A (40 CFR Part 60 Appendix A)
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016

Day Sampling

Run			Concentration	
			Oxygen	Carbon Dioxide
Date	Number	Time (EDT)	Percent-v/v	Percent-v/v
4/18/2016	**D1**	10:11 15:31	20.8	0.2
4/19/2016	**D2**	8:00 16:11	20.6	0.1
4/20/2016	**D3**	8:00 16:52	20.6	0.2
4/21/2016	**D4**	8:00 16:00	20.6	0.3
4/22/2016	**D5**	8:35 16:35	20.7	0.3
Average			**20.7**	**0.2**

Night Sampling

Run			Concentration	
			Oxygen	Carbon Dioxide
Date	Number	Time (EDT)	Percent-v/v	Percent-v/v
4/25/2016	**N1**	17:30 1:30	20.6	0.3
4/26/2016	**N2**	16:53 1:15	20.8	0.2
4/27/2016	**N3**	17:00 1:00	20.8	0.2
4/28/2016	**N4**	16:52 0:59	20.8	0.2
4/29/2016	**N5**	16:20 0:15	20.8	0.1
Average			**20.8**	**0.2**

Table 4.5.2

AASI

Oxides of Nitrogen (NO_x) Emissions Summary
USEPA Method 7E (40 CFR Part 60 Appendix A)
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016

Day Sampling

Run			Concentration	Volumetric Flow Rates	Mass Emissions
Date	**Number**	**Time (EDT)**	**ppm-v/v**	**SCFM-Dry**	**Grams/Second**
4/18/2016	**D1**	10:11 15:31	4.4	120848	0.48
4/19/2016	**D2**	8:00 16:11	2.5	98551	0.23
4/20/2016	**D3**	8:00 16:52	2.1	100527	0.19
4/21/2016	**D4**	8:00 16:00	2.8	137491	0.34
4/22/2016	**D5**	8:35 16:35	2.9	73023	0.19
Average			**2.9**	**106088**	**0.29**

Night Sampling

Run			Concentration	Volumetric Flow Rates	Mass Emissions
Date	**Number**	**Time (EDT)**	**ppm-v/v**	**SCFM-Dry**	**Grams/Second**
4/25/2016	**N1**	17:30 1:30	5.4	104782	0.51
4/26/2016	**N2**	16:53 1:15	1.5	89404	0.12
4/27/2016	**N3**	17:00 1:00	1.1	72499	0.07
4/28/2016	**N4**	16:52 0:59	1.4	77662	0.10
4/29/2016	**N5**	16:20 0:15	1.2	91877	0.10
Average			**2.1**	**87245**	**0.18**

Table 4.5.3

AASI

Carbon Monoxide (CO) Emissions Summary
USEPA Method 10 (40 CFR Part 60 Appendix A)
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016

Day Sampling

Run			Concentration	Volumetric Flow Rates	Mass Emissions
Date	**Number**	**Time (EDT)**	**ppm-v/v**	**SCFM-Dry**	**Grams/Second**
4/18/2016	**D1**	10:11 15:31	108.5	120848	7.22
4/19/2016	**D2**	8:00 16:11	66.8	98551	3.62
4/20/2016	**D3**	8:00 16:52	72.6	100527	4.01
4/21/2016	**D4**	8:00 16:00	104.7	137491	7.92
4/22/2016	**D5**	8:35 16:35	117.8	73023	4.73
Average			**94.1**	**106088**	**5.50**

Night Sampling

Run			Concentration	Volumetric Flow Rates	Mass Emissions
Date	**Number**	**Time (EDT)**	**ppm-v/v**	**SCFM-Dry**	**Grams/Second**
4/25/2016	**N1**	17:30 1:30	222.7	104782	12.84
4/26/2016	**N2**	16:53 1:15	94.3	89404	4.64
4/27/2016	**N3**	17:00 1:00	119.9	72499	4.78
4/28/2016	**N4**	16:52 0:59	133.2	77662	5.69
4/29/2016	**N5**	16:20 0:15	89.4	91877	4.52
Average			**131.9**	**87245**	**6.49**

Table 4.5.4

AASI

Sulfur Dioxide (SO_2) Emissions Summary
USEPA Method 6C (40 CFR Part 60 Appendix A)
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016

Day Sampling

Run			Concentration	Volumetric Flow Rates	Mass Emissions
Date	**Number**	**Time (EDT)**	**ppm-v/v**	**SCFM-Dry**	**Grams/Second**
4/18/2016	**D1**	10:11 15:31	1.6	120848	0.24
4/19/2016	**D2**	8:00 16:11	0.4	98551	0.05
4/20/2016	**D3**	8:00 16:52	0.3	100527	0.04
4/21/2016	**D4**	8:00 16:00	0.1	137491	0.03
4/22/2016	**D5**	8:35 16:35	0.2	73023	0.02
Average			**0.5**	**106088**	**0.07**

Night Sampling

Run			Concentration	Volumetric Flow Rates	Mass Emissions
Date	**Number**	**Time (EDT)**	**ppm-v/v**	**SCFM-Dry**	**Grams/Second**
4/25/2016	**N1**	17:30 1:30	1.1	104782	0.15
4/26/2016	**N2**	16:53 1:15	0.1	89404	0.01
4/27/2016	**N3**	17:00 1:00	0.1	72499	0.01
4/28/2016	**N4**	16:52 0:59	0.2	77662	0.02
4/29/2016	**N5**	16:20 0:15	0.1	91877	0.02
Average			**0.3**	**87245**	**0.04**

Table 4.5.5

AASI

Total Hydrocarbon Compounds (THC) Emissions Summary
USEPA Method 25a (40 CFR Part 60 Appendix A)
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016

Day Sampling

Run			Concentration	Concentration	Volumetric Flow Rates	Mass Emissions
Date	Number	Time (EDT)	ppm-v/v as Propane [(A)]	ppm-v/v as Carbon	SCFM-Wet	Grams/Second as Carbon
4/18/2016	**D1**	10:11 15:31	38.1	114.4	123310	3.33
4/19/2016	**D2**	8:00 16:11	14.5	43.6	100559	1.03
4/20/2016	**D3**	8:00 16:52	29.9	89.7	102889	2.18
4/21/2016	**D4**	8:00 16:00	41.5	124.5	140915	4.14
4/22/2016	**D5**	8:35 16:35	35.8	107.4	74921	1.90
Average			**32.0**	**95.9**	**108519**	**2.51**

Night Sampling

Run			Concentration	Concentration	Volumetric Flow Rates	Mass Emissions
Date	Number	Time (EDT)	ppm-v/v as Propane[(A)]	ppm-v/v as Carbon	SCFM-Wet	Grams/Second as Carbon
4/25/2016	**N1**	17:30 1:30	103.4	310.1	108470	7.93
4/26/2016	**N2**	16:53 1:15	54.6	163.8	92098	3.56
4/27/2016	**N3**	17:00 1:00	54.6	163.7	74857	2.89
4/28/2016	**N4**	16:52 0:59	58.5	175.4	79940	3.31
4/29/2016	**N5**	16:20 0:15	46.0	137.9	94695	3.08
Average			**63.4**	**190.2**	**90012**	**4.15**

[(A)] The THC concentration exceeded the allowable span of the instrument during testing. The calibration curve was extroplated above range defined by Method 25A in order to determine the THC concentration.

Table 4.5.6

AASI

Total Reduced Sulfur (TRS) Emissions Summary
USEPA Method 16C (40 CFR Part 60 Appendix A)
Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016

Day Sampling

Run			Concentration	Volumetric Flow Rates	Mass Emissions
Date	**Number**	**Time (EDT)**	**ppm-v/v**	**SCFM-Dry**	**Grams/Second**
4/18/2016	**D1**	10:11 15:31	0.2	120848	0.02
4/19/2016	**D2**	8:00 16:11	0.0	98551	0.00
4/20/2016	**D3**	8:00 16:52	0.3	100527	0.02
4/21/2016	**D4**	8:00 16:00	0.0	137491	0.00
4/22/2016	**D5**	8:35 16:35	0.1	73023	0.01
Average			**0.1**	**106088**	**0.01**

Night Sampling

Run			Concentration	Volumetric Flow Rates	Mass Emissions
Date	**Number**	**Time (EDT)**	**ppm-v/v**	**SCFM-Dry**	**Grams/Second**
4/25/2016	**N1**	17:30 1:30	1.9	104782	0.13
4/26/2016	**N2**	16:53 1:15	0.9	89404	0.06
4/27/2016	**N3**	17:00 1:00	0.6	72499	0.03
4/28/2016	**N4**	16:52 0:59	0.5	77662	0.03
4/29/2016	**N5**	16:20 0:15	0.6	91877	0.03
Average			**0.9**	**87245**	**0.06**

4.6 Summary of D/F, PCB, PAH, and SVOC Results

Table 4.6.1 presents a summary of dioxins and furans emissions (day sampling).

Table 4.6.2 presents a summary of dioxins and furans emissions (night sampling).

Table 4.6.3 presents a summary of polychlorinated biphenyls emissions (day sampling).

Table 4.6.4 presents a summary of polychlorinated biphenyls emissions (night sampling).

Table 4.6.5 presents a summary of polyaromatic hydrocarbons emissions (day sampling).

Table 4.6.6 presents a summary of polyaromatic hydrocarbons emissions (night sampling).

Table 4.6.7 presents a summary of semi volatile organic compounds emissions (day sampling).

Table 4.6.8 presents a summary of semi volatile organic compounds emissions (night sampling).

Table 4.6.1

AASI

Dioxins and Furans Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D2	Run D3	Run D4	Run D5	Run D6 (1)	Average
	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
1,2,3,4,6,7,8-HpCDD	3.07E-08	4.40E-08	2.48E-07	3.18E-08	2.44E-08	7.58E-08
1,2,3,4,6,7,8-HpCDF	3.25E-08	3.91E-08	2.71E-07	2.95E-08	2.27E-08	7.89E-08
1,2,3,4,7,8,9-HpCDF	2.71E-09	4.07E-09	2.94E-08	2.95E-09	2.62E-09	8.34E-09
1,2,3,4,7,8-HxCDD	4.51E-09	5.86E-09	2.26E-08	4.77E-09	2.96E-09	8.14E-09
1,2,3,4,7,8-HxCDF	3.25E-08	4.07E-08	2.05E-07	3.07E-08	2.44E-08	6.68E-08
1,2,3,6,7,8-HxCDD	8.66E-09	1.06E-08	4.97E-08	8.86E-09	6.80E-09	1.69E-08
1,2,3,6,7,8-HxCDF	1.12E-08	1.32E-08	6.10E-08	9.99E-09	8.72E-09	2.08E-08
1,2,3,7,8,9-HxCDD	1.39E-08	1.79E-08	7.45E-08	1.36E-08	9.94E-09	2.60E-08
1,2,3,7,8,9-HxCDF	6.32E-10	9.29E-10	4.97E-09	6.02E-10	6.10E-10	1.55E-09
1,2,3,7,8-PeCDD	6.86E-09	8.80E-09	2.21E-08	7.27E-09	4.53E-09	9.92E-09
1,2,3,7,8-PeCDF	8.66E-09	1.03E-08	3.16E-08	8.97E-09	8.72E-09	1.36E-08
2,3,4,6,7,8-HxCDF	1.70E-08	1.95E-08	1.17E-07	1.48E-08	1.29E-08	3.63E-08
2,3,4,7,8-PeCDF	1.99E-08	2.28E-08	7.68E-08	1.82E-08	1.64E-08	3.08E-08
2,3,7,8-TCDD	1.81E-09	3.42E-08	4.29E-09	4.88E-09	1.40E-09	9.32E-09
2,3,7,8-TCDF	1.05E-08	1.11E-08	2.24E-08	1.06E-08	1.24E-08	1.34E-08
OCDD	1.99E-08	2.93E-08	1.81E-07	2.16E-08	1.57E-08	5.34E-08
OCDF	5.42E-09	8.47E-09	8.35E-08	7.38E-09	4.36E-09	2.18E-08
Total HpCDD	7.94E-08	1.09E-07	6.10E-07	8.18E-08	6.10E-08	1.88E-07
Total HpCDF	4.51E-08	5.70E-08	4.06E-07	4.32E-08	3.31E-08	1.17E-07
Total HxCDD	2.53E-07	3.26E-07	1.24E-06	2.61E-07	1.73E-07	4.51E-07
Total HxCDF	1.39E-07	1.63E-07	8.81E-07	1.36E-07	1.08E-07	2.85E-07
Total PeCDD	3.61E-07	4.40E-07	1.47E-06	3.86E-07	2.27E-07	5.76E-07
Total PeCDF	3.07E-07	3.75E-07	1.38E-06	3.18E-07	2.62E-07	5.28E-07
Total TCDD	6.68E-07	7.66E-07	1.92E-06	6.59E-07	4.71E-07	8.96E-07
Total TCDF	6.50E-07	7.33E-07	1.99E-06	6.59E-07	5.58E-07	9.17E-07

Note (1): A sixth run was conducted due to Run D1 sample being broken in shipping. The average result reflects runs 2 through 6. The sixth run emission rate was calculated using the flow rate from day 1.

Table 4.6.2

AASI

Dioxins and Furans Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
1,2,3,4,6,7,8-HpCDD	4.54E-07	5.48E-08	1.13E-07	2.89E-08	4.55E-08	1.39E-07
1,2,3,4,6,7,8-HpCDF	4.78E-07	6.02E-08	7.97E-08	4.11E-08	3.82E-08	1.39E-07
1,2,3,4,7,8,9-HpCDF	6.45E-08	7.08E-09	1.10E-08	5.63E-09	4.37E-09	1.85E-08
1,2,3,4,7,8-HxCDD	5.49E-08	7.61E-09	1.23E-08	3.96E-09	6.91E-09	1.71E-08
1,2,3,4,7,8-HxCDF	4.78E-07	6.19E-08	7.47E-08	3.81E-08	4.37E-08	1.39E-07
1,2,3,6,7,8-HxCDD	1.19E-07	1.36E-08	2.82E-08	7.92E-09	1.20E-08	3.62E-08
1,2,3,6,7,8-HxCDF	1.55E-07	1.77E-08	2.66E-08	1.34E-08	1.53E-08	4.56E-08
1,2,3,7,8,9-HxCDD	1.79E-07	2.48E-08	3.99E-08	1.22E-08	1.82E-08	5.48E-08
1,2,3,7,8,9-HxCDF	1.27E-08	1.13E-09	1.83E-09	1.08E-09	9.46E-10	3.53E-09
1,2,3,7,8-PeCDD	6.92E-08	1.08E-08	1.58E-08	5.33E-09	9.28E-09	2.21E-08
1,2,3,7,8-PeCDF	1.05E-07	1.33E-08	1.66E-08	1.08E-08	1.24E-08	3.16E-08
2,3,4,6,7,8-HxCDF	2.27E-07	3.72E-08	3.99E-08	1.98E-08	2.00E-08	6.87E-08
2,3,4,7,8-PeCDF	2.36E-07	3.36E-08	3.82E-08	1.98E-08	2.55E-08	7.07E-08
2,3,7,8-TCDD	1.41E-08	3.18E-09	9.13E-09	1.32E-09	2.55E-09	6.06E-09
2,3,7,8-TCDF	1.03E-07	1.95E-08	1.66E-08	1.22E-08	1.46E-08	3.31E-08
OCDD	2.87E-07	4.07E-08	7.80E-08	2.13E-08	2.73E-08	9.08E-08
OCDF	1.17E-07	1.29E-08	1.99E-08	1.07E-08	5.28E-09	3.32E-08
Total HpCDD	1.10E-06	1.33E-07	2.66E-07	7.01E-08	1.16E-07	3.37E-07
Total HpCDF	7.40E-07	9.02E-08	1.25E-07	6.55E-08	5.64E-08	2.15E-07
Total HxCDD	2.87E-06	4.07E-07	7.97E-07	2.13E-07	3.64E-07	9.29E-07
Total HxCDF	2.01E-06	2.65E-07	3.32E-07	1.83E-07	1.82E-07	5.94E-07
Total PeCDD	4.06E-06	6.37E-07	1.01E-06	3.20E-07	5.09E-07	1.31E-06
Total PeCDF	3.82E-06	5.84E-07	6.48E-07	3.50E-07	4.00E-07	1.16E-06
Total TCDD	6.21E-06	1.38E-06	1.83E-06	6.09E-07	8.55E-07	2.18E-06
Total TCDF	5.97E-06	1.19E-06	1.15E-06	5.94E-07	7.82E-07	1.94E-06

Table 4.6.3

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D2	Run D3	Run D4	Run D5	Run D6 (1)	Average
	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
Dichlorobiphenyl (total)	6.30E-06	5.02E-06	1.15E-05	5.55E-06	4.84E-06	6.63E-06
Heptachlorobiphenyl (total)	1.18E-07	2.18E-08	2.82E-07	4.29E-08	3.85E-08	1.01E-07
Hexachlorobiphenyl (total)	6.97E-07	4.12E-07	7.19E-07	3.54E-07	5.18E-07	5.40E-07
Monochlorobiphenyl (total)	4.77E-05	2.68E-05	8.92E-05	3.91E-05	2.34E-05	4.53E-05
Nonachlorobiphenyl (total)	9.93E-09	0.00E+00	7.13E-08	3.29E-10	0.00E+00	1.63E-08
Octachlorobiphenyl (total)	4.41E-08	3.42E-10	1.05E-07	9.54E-10	0.00E+00	3.01E-08
PCB 1 (BZ)	1.01E-05	5.95E-06	1.72E-05	7.29E-06	4.48E-06	9.02E-06
PCB 10 (BZ)	5.29E-08	4.82E-08	7.86E-08	4.31E-08	3.59E-08	5.17E-08
PCB 100 (BZ)	0.00E+00	0.00E+00	9.71E-10	0.00E+00	0.00E+00	1.94E-10
PCB 101 (BZ)	4.06E-07	2.21E-07	2.93E-07	1.24E-07	4.31E-07	2.95E-07
PCB 102 (BZ)	1.30E-08	0.00E+00	2.94E-09	0.00E+00	0.00E+00	3.19E-09
PCB 103 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 104 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 105 (BZ)	6.21E-08	3.99E-08	1.01E-07	3.21E-08	5.69E-08	5.84E-08
PCB 106 (BZ)	1.07E-08	1.30E-08	4.62E-08	6.58E-09	5.41E-09	1.64E-08
PCB 107 (BZ)/109 (IUPAC)	1.51E-08	9.14E-09	1.89E-08	8.48E-09	1.10E-08	1.25E-08
PCB 108 (BZ)/107 (IUPAC)	1.20E-08	1.58E-08	3.63E-08	1.20E-08	1.20E-08	1.76E-08
PCB 109 (BZ)/108 (IUPAC)	4.89E-07	2.87E-07	3.79E-07	5.52E-07	5.90E-07	4.59E-07
PCB 11 (BZ)	8.18E-07	8.53E-07	1.85E-06	1.27E-06	1.03E-06	1.16E-06
PCB 110 (BZ)	2.74E-07	1.44E-07	1.95E-07	9.31E-08	2.40E-07	1.89E-07
PCB 111 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 112 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 113 (BZ)	4.06E-07	2.21E-07	2.93E-07	1.24E-07	4.31E-07	2.95E-07
PCB 114 (BZ)	1.12E-08	8.80E-09	2.68E-08	6.81E-09	0.00E+00	1.07E-08
PCB 115 (BZ)	2.74E-07	1.44E-07	1.95E-07	9.31E-08	2.40E-07	1.89E-07
PCB 116 (BZ)	5.27E-08	5.34E-08	1.01E-07	2.23E-08	3.87E-08	5.37E-08
PCB 117 (BZ)	5.27E-08	5.34E-08	1.01E-07	2.23E-08	3.87E-08	5.37E-08
PCB 118 (BZ)	1.75E-07	1.09E-07	1.36E-07	5.96E-08	1.73E-07	1.30E-07
PCB 119 (BZ)	4.89E-07	2.87E-07	3.79E-07	5.52E-07	5.90E-07	4.59E-07
PCB 12 (BZ)	2.37E-06	1.97E-06	5.05E-06	2.28E-06	1.67E-06	2.67E-06
PCB 120 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 121 (BZ)	0.00E+00	1.24E-08	1.44E-08	3.86E-08	1.74E-08	1.66E-08
PCB 122 (BZ)	1.19E-08	1.14E-08	2.75E-08	7.95E-09	6.80E-09	1.31E-08
PCB 123 (BZ)	9.21E-09	7.98E-09	1.21E-08	2.39E-10	3.14E-09	6.52E-09
PCB 124 (BZ)	1.20E-08	1.58E-08	3.63E-08	1.20E-08	1.20E-08	1.76E-08
PCB 125 (BZ)	4.89E-07	2.87E-07	3.79E-07	5.52E-07	5.90E-07	4.59E-07
PCB 126 (BZ)	3.41E-08	3.88E-08	1.14E-07	3.36E-08	1.57E-08	4.71E-08
PCB 127 (BZ)	4.51E-09	0.00E+00	1.96E-08	0.00E+00	0.00E+00	4.83E-09

Note (1): A sixth run was conducted due to Run D1 sample being broken in shipping. The average result reflects runs 2 through 6. The sixth run emission rate was calculated using the flow rate from day 1.

Table 4.6.3 Continued

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D2	Run D3	Run D4	Run D5	Run D6 [1]	Average
	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
PCB 128 (BZ)	1.72E-08	1.01E-08	2.42E-08	8.85E-09	7.15E-10	1.22E-08
PCB 129 (BZ)	1.28E-07	7.61E-08	1.31E-07	7.31E-08	8.89E-08	9.95E-08
PCB 13 (BZ)	2.37E-06	1.97E-06	5.05E-06	2.28E-06	1.67E-06	2.67E-06
PCB 130 (BZ)	2.17E-08	0.00E+00	2.24E-08	0.00E+00	0.00E+00	8.80E-09
PCB 131 (BZ)	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	3.06E-09
PCB 132 (BZ)	4.22E-08	2.12E-08	3.79E-08	1.44E-08	3.37E-08	2.99E-08
PCB 133 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 134 (BZ)	0.00E+00	0.00E+00	8.81E-09	4.43E-10	0.00E+00	1.85E-09
PCB 135 (BZ)	4.73E-08	2.28E-08	3.41E-08	1.93E-09	2.96E-08	2.72E-08
PCB 136 (BZ)	1.95E-08	1.40E-08	2.12E-09	5.91E-09	1.29E-08	1.09E-08
PCB 137 (BZ)	1.59E-08	1.34E-08	1.86E-08	2.49E-08	2.09E-08	1.87E-08
PCB 138 (BZ)	1.28E-07	7.61E-08	1.31E-07	7.31E-08	8.89E-08	9.95E-08
PCB 139 (BZ)	4.69E-09	0.00E+00	5.64E-10	0.00E+00	0.00E+00	1.05E-09
PCB 14 (BZ)	3.08E-07	2.94E-07	6.82E-07	3.31E-07	2.11E-07	3.65E-07
PCB 140 (BZ)	4.69E-09	0.00E+00	5.64E-10	0.00E+00	0.00E+00	1.05E-09
PCB 141 (BZ)	7.40E-08	5.90E-08	5.62E-08	8.65E-08	7.08E-08	6.93E-08
PCB 142 (BZ)	0.00E+00	0.00E+00	2.05E-08	0.00E+00	0.00E+00	4.10E-09
PCB 143 (BZ)	0.00E+00	0.00E+00	8.81E-09	4.43E-10	0.00E+00	1.85E-09
PCB 144 (BZ)	0.00E+00	0.00E+00	8.13E-10	0.00E+00	0.00E+00	1.63E-10
PCB 145 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 146 (BZ)	1.90E-08	2.12E-08	2.30E-08	2.51E-08	3.47E-08	2.46E-08
PCB 147 (BZ)	1.24E-07	5.08E-08	8.54E-08	2.76E-08	8.21E-08	7.39E-08
PCB 148 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 149 (BZ)	1.24E-07	5.08E-08	8.54E-08	2.76E-08	8.21E-08	7.39E-08
PCB 15 (BZ)	5.70E-07	3.96E-07	7.87E-07	3.08E-07	4.35E-07	4.99E-07
PCB 150 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 151 (BZ)	4.73E-08	2.28E-08	3.41E-08	1.93E-09	2.96E-08	2.72E-08
PCB 152 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 153 (BZ)	1.18E-07	6.64E-08	8.00E-08	4.86E-08	9.66E-08	8.20E-08
PCB 154 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 155 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 156 (BZ)	2.25E-08	2.38E-08	7.18E-08	1.40E-08	2.17E-08	3.08E-08
PCB 157 (BZ)	2.25E-08	2.38E-08	7.18E-08	1.40E-08	2.17E-08	3.08E-08
PCB 158 (BZ)	1.26E-08	8.59E-09	1.69E-08	8.26E-09	1.16E-08	1.16E-08
PCB 159 (BZ)	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	2.83E-09
PCB 16 (BZ)	3.07E-07	1.61E-07	2.33E-07	9.95E-08	1.16E-07	1.83E-07
PCB 160 (BZ)	1.28E-07	7.61E-08	1.31E-07	7.31E-08	8.89E-08	9.95E-08
PCB 161 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Note (1): A sixth run was conducted due to Run D1 sample being broken in shipping. The average result reflects runs 2 through 6. The sixth run emission rate was calculated using the flow rate from day 1.

Table 4.6.3 Continued

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D2	Run D3	Run D4	Run D5	Run D6 (1)	Average
	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
PCB 162 (BZ)	2.53E-09	0.00E+00	1.04E-08	0.00E+00	0.00E+00	2.58E-09
PCB 163 (BZ)	1.28E-07	7.61E-08	1.31E-07	7.31E-08	8.89E-08	9.95E-08
PCB 164 (BZ)	2.22E-08	7.66E-09	1.04E-08	1.11E-08	2.16E-08	1.46E-08
PCB 165 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 166 (BZ)	1.72E-08	1.01E-08	2.42E-08	8.85E-09	7.15E-10	1.22E-08
PCB 167 (BZ)	7.91E-09	0.00E+00	1.27E-08	5.79E-10	0.00E+00	4.23E-09
PCB 168 (BZ)	1.18E-07	6.64E-08	8.00E-08	4.86E-08	9.66E-08	8.20E-08
PCB 169 (BZ)	0.00E+00	7.49E-09	2.60E-08	6.64E-09	0.00E+00	8.02E-09
PCB 17 (BZ)	2.60E-07	1.37E-07	1.85E-07	5.91E-08	9.86E-08	1.48E-07
PCB 170 (BZ)	1.25E-08	0.00E+00	4.90E-08	6.36E-09	8.02E-09	1.52E-08
PCB 171 (BZ)	0.00E+00	5.05E-09	3.34E-08	0.00E+00	0.00E+00	7.69E-09
PCB 172 (BZ)	0.00E+00	0.00E+00	1.68E-08	0.00E+00	0.00E+00	3.37E-09
PCB 173 (BZ)	0.00E+00	5.05E-09	3.34E-08	0.00E+00	0.00E+00	7.69E-09
PCB 174 (BZ)	1.28E-08	0.00E+00	2.48E-08	6.79E-09	0.00E+00	8.88E-09
PCB 175 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 176 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 177 (BZ)	8.84E-09	0.00E+00	1.54E-09	3.41E-10	0.00E+00	2.14E-09
PCB 178 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 179 (BZ)	1.14E-08	0.00E+00	1.04E-08	4.54E-10	8.37E-09	6.13E-09
PCB 18 (BZ)	5.56E-07	2.31E-07	3.16E-07	1.28E-07	1.95E-07	2.85E-07
PCB 180 (BZ)	3.30E-08	5.86E-10	3.03E-08	1.02E-08	1.22E-08	1.72E-08
PCB 181 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 182 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 183 (BZ)	7.76E-10	0.00E+00	1.42E-08	7.50E-10	9.07E-09	4.96E-09
PCB 184 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 185 (BZ)	7.76E-10	0.00E+00	1.42E-08	7.50E-10	9.07E-09	4.96E-09
PCB 186 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 187 (BZ)	2.35E-08	8.80E-09	2.98E-08	3.01E-09	9.94E-10	1.32E-08
PCB 188 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 189 (BZ)	5.78E-10	7.82E-09	3.32E-08	5.84E-09	0.00E+00	9.48E-09
PCB 19 (BZ)	5.72E-08	2.28E-08	3.88E-08	1.08E-08	2.70E-08	3.13E-08
PCB 190 (BZ)	7.40E-09	0.00E+00	1.50E-08	0.00E+00	0.00E+00	4.47E-09
PCB 191 (BZ)	5.60E-09	0.00E+00	1.73E-08	9.43E-09	0.00E+00	6.46E-09
PCB 192 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 193 (BZ)	3.30E-08	5.86E-10	3.03E-08	1.02E-08	1.22E-08	1.72E-08
PCB 194 (BZ)	9.08E-09	0.00E+00	3.66E-08	7.61E-10	0.00E+00	9.28E-09
PCB 195 (BZ)	0.00E+00	0.00E+00	2.98E-08	0.00E+00	0.00E+00	5.96E-09
PCB 196 (BZ)	1.05E-08	0.00E+00	2.21E-09	0.00E+00	0.00E+00	2.54E-09

Note (1): A sixth run was conducted due to Run D1 sample being broken in shipping. The average result reflects runs 2 through 6. The sixth run emission rate was calculated using the flow rate from day 1.

Table 4.6.3 Continued

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D2	Run D3	Run D4	Run D5	Run D6 (1)	Average
	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
PCB 197 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 198 (BZ)	1.35E-08	0.00E+00	2.71E-09	0.00E+00	0.00E+00	3.25E-09
PCB 199 (BZ)/200 (IUPAC)	0.00E+00	0.00E+00	2.94E-09	0.00E+00	0.00E+00	5.87E-10
PCB 2 (BZ)	1.81E-05	1.16E-05	3.85E-05	1.59E-05	8.92E-06	1.86E-05
PCB 20 (BZ)	9.08E-07	4.27E-07	5.91E-07	2.35E-07	4.07E-07	5.14E-07
PCB 200 (BZ)/201 (IUPAC)	0.00E+00	0.00E+00	9.48E-10	0.00E+00	0.00E+00	1.90E-10
PCB 201 (BZ)/199 (IUPAC)	1.35E-08	0.00E+00	2.71E-09	0.00E+00	0.00E+00	3.25E-09
PCB 202 (BZ)	2.89E-09	0.00E+00	8.58E-10	0.00E+00	0.00E+00	7.49E-10
PCB 203 (BZ)	7.94E-09	3.42E-10	6.10E-09	0.00E+00	0.00E+00	2.88E-09
PCB 204 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 205 (BZ)	0.00E+00	0.00E+00	2.17E-08	1.93E-10	0.00E+00	4.37E-09
PCB 206 (BZ)	8.12E-09	0.00E+00	4.90E-08	3.29E-10	0.00E+00	1.15E-08
PCB 207 (BZ)	1.70E-09	0.00E+00	1.30E-08	0.00E+00	0.00E+00	2.93E-09
PCB 208 (BZ)	0.00E+00	0.00E+00	9.19E-09	0.00E+00	0.00E+00	1.84E-09
PCB 209 (BZ) (2)	0.00E+00	0.00E+00	2.44E-08	3.82E-09	0.00E+00	5.64E-09
PCB 21 (BZ)	8.08E-07	4.65E-07	8.49E-07	3.25E-07	3.74E-07	5.64E-07
PCB 22 (BZ)	3.78E-07	1.94E-07	2.45E-07	1.09E-07	1.88E-07	2.23E-07
PCB 23 (BZ)	3.91E-08	3.07E-08	9.48E-08	3.63E-08	2.54E-08	4.53E-08
PCB 24 (BZ)	2.66E-08	1.63E-08	3.16E-08	1.44E-08	1.27E-08	2.03E-08
PCB 25 (BZ)	1.00E-07	5.17E-08	1.09E-07	5.17E-08	6.96E-08	7.65E-08
PCB 26 (BZ)	2.19E-07	1.28E-07	2.52E-07	1.11E-07	1.29E-07	1.68E-07
PCB 27 (BZ)	3.56E-08	2.10E-08	3.14E-08	1.11E-08	1.80E-08	2.34E-08
PCB 28 (BZ)	9.08E-07	4.27E-07	5.91E-07	2.35E-07	4.07E-07	5.14E-07
PCB 29 (BZ)	2.19E-07	1.28E-07	2.52E-07	1.11E-07	1.29E-07	1.68E-07
PCB 3 (BZ)	1.99E-05	9.96E-06	3.40E-05	1.48E-05	1.03E-05	1.78E-05
PCB 30 (BZ)	5.56E-07	2.31E-07	3.16E-07	1.28E-07	1.95E-07	2.85E-07
PCB 31 (BZ)	8.57E-07	3.94E-07	5.02E-07	2.22E-07	3.83E-07	4.71E-07
PCB 32 (BZ)	1.75E-07	8.59E-08	1.02E-07	4.26E-08	7.52E-08	9.61E-08
PCB 33 (BZ)	8.08E-07	4.65E-07	8.49E-07	3.25E-07	3.74E-07	5.64E-07
PCB 34 (BZ)	1.62E-08	1.79E-08	3.11E-08	1.97E-08	1.92E-08	2.08E-08
PCB 35 (BZ)	1.52E-07	2.00E-07	3.81E-07	1.50E-07	1.37E-07	2.04E-07
PCB 36 (BZ)	2.80E-08	3.27E-08	7.01E-08	2.84E-08	3.84E-08	3.95E-08
PCB 37 (BZ)	3.81E-07	2.95E-07	4.89E-07	1.91E-07	2.91E-07	3.29E-07
PCB 38 (BZ)	3.27E-07	3.61E-07	1.18E-06	2.98E-07	1.56E-07	4.64E-07
PCB 39 (BZ)	2.43E-08	2.28E-08	6.58E-08	3.44E-08	2.79E-08	3.50E-08
PCB 4 (BZ)	2.09E-07	1.21E-07	2.28E-07	9.11E-08	8.53E-08	1.47E-07
PCB 40 (BZ)	4.80E-07	2.23E-07	3.17E-07	1.35E-07	2.71E-07	2.85E-07
PCB 41 (BZ)	4.80E-07	2.23E-07	3.17E-07	1.35E-07	2.71E-07	2.85E-07

Note (1): A sixth run was conducted due to Run D1 sample being broken in shipping. The average result reflects runs 2 through 6. The sixth run emission rate was calculated using the flow rate from day 1.

(2): PCB 209 is the only isomer that exists within the Decachlorobiphenyl class. This result is also the Decachlorobiphenyl (total) result.

Table 4.6.3 Continued

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D2	Run D3	Run D4	Run D5	Run D6 (1)	Average
	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
PCB 42 (BZ)	2.30E-07	9.42E-08	1.01E-07	5.80E-08	1.09E-07	1.18E-07
PCB 43 (BZ)	2.69E-08	1.71E-08	2.46E-08	7.14E-09	1.33E-08	1.78E-08
PCB 44 (BZ)	1.18E-06	4.90E-07	6.82E-07	2.63E-07	5.69E-07	6.36E-07
PCB 45 (BZ)	2.60E-07	9.48E-08	1.38E-07	5.41E-08	1.25E-07	1.34E-07
PCB 46 (BZ)	5.49E-08	1.73E-08	3.24E-08	1.21E-08	3.40E-08	3.02E-08
PCB 47 (BZ)	1.18E-06	4.90E-07	6.82E-07	2.63E-07	5.69E-07	6.36E-07
PCB 48 (BZ)	1.73E-07	8.00E-08	1.02E-07	4.85E-08	1.05E-07	1.02E-07
PCB 49 (BZ)	4.48E-07	1.91E-07	2.32E-07	1.05E-07	2.21E-07	2.39E-07
PCB 5 (BZ)	3.64E-07	2.80E-07	7.77E-07	3.53E-07	2.28E-07	4.00E-07
PCB 50 (BZ)	9.98E-08	3.07E-08	3.82E-08	2.48E-08	4.20E-08	4.71E-08
PCB 51 (BZ)	2.60E-07	9.48E-08	1.38E-07	5.41E-08	1.25E-07	1.34E-07
PCB 52 (BZ)	9.27E-07	3.79E-07	4.74E-07	2.45E-07	5.08E-07	5.07E-07
PCB 53 (BZ)	9.98E-08	3.07E-08	3.82E-08	2.48E-08	4.20E-08	4.71E-08
PCB 54 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 55 (BZ)	2.98E-08	1.84E-08	8.04E-08	1.99E-08	2.34E-08	3.44E-08
PCB 56 (BZ)	1.59E-07	7.82E-08	1.41E-07	6.36E-08	1.15E-07	1.11E-07
PCB 57 (BZ)	7.76E-09	3.75E-09	2.09E-08	6.47E-09	6.10E-09	8.99E-09
PCB 58 (BZ)	7.22E-09	3.42E-09	5.42E-09	6.93E-09	4.01E-09	5.40E-09
PCB 59 (BZ)	8.61E-08	3.13E-08	8.85E-08	2.29E-08	4.51E-08	5.48E-08
PCB 6 (BZ)	3.94E-07	2.56E-07	5.00E-07	2.36E-07	3.07E-07	3.39E-07
PCB 60 (BZ)	9.93E-08	5.31E-08	7.21E-08	2.65E-08	7.05E-08	6.43E-08
PCB 61 (BZ)	8.57E-07	4.81E-07	7.61E-07	2.95E-07	6.01E-07	5.99E-07
PCB 62 (BZ)	8.61E-08	3.13E-08	8.85E-08	2.29E-08	4.51E-08	5.48E-08
PCB 63 (BZ)	2.66E-08	8.47E-09	1.47E-08	1.06E-08	1.54E-08	1.52E-08
PCB 64 (BZ)	3.45E-07	1.28E-07	1.60E-07	7.66E-08	1.83E-07	1.78E-07
PCB 65 (BZ)	1.18E-06	4.90E-07	6.82E-07	2.63E-07	5.69E-07	6.36E-07
PCB 66 (BZ)	3.47E-07	1.48E-07	2.10E-07	9.94E-08	2.38E-07	2.08E-07
PCB 67 (BZ)	3.36E-08	1.53E-08	2.96E-08	1.10E-08	1.53E-08	2.09E-08
PCB 68 (BZ)	4.26E-08	3.45E-08	5.37E-08	5.69E-08	5.74E-08	4.90E-08
PCB 69 (BZ)	4.48E-07	1.91E-07	2.32E-07	1.05E-07	2.21E-07	2.39E-07
PCB 7 (BZ)	2.84E-07	2.20E-07	4.64E-07	2.33E-07	2.34E-07	2.87E-07
PCB 70 (BZ)	8.57E-07	4.81E-07	7.61E-07	2.95E-07	6.01E-07	5.99E-07
PCB 71 (BZ)	4.80E-07	2.23E-07	3.17E-07	1.35E-07	2.71E-07	2.85E-07
PCB 72 (BZ)	9.93E-09	4.40E-09	5.42E-09	0.00E+00	4.71E-09	4.89E-09
PCB 73 (BZ)	2.69E-08	1.71E-08	2.46E-08	7.14E-09	1.33E-08	1.78E-08
PCB 74 (BZ)	8.57E-07	4.81E-07	7.61E-07	2.95E-07	6.01E-07	5.99E-07
PCB 75 (BZ)	8.61E-08	3.13E-08	8.85E-08	2.29E-08	4.51E-08	5.48E-08
PCB 76 (BZ)	8.57E-07	4.81E-07	7.61E-07	2.95E-07	6.01E-07	5.99E-07

Note (1): A sixth run was conducted due to Run D1 sample being broken in shipping. The average result reflects runs 2 through 6. The sixth run emission rate was calculated using the flow rate from day 1.

Table 4.6.3 Continued

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D2	Run D3	Run D4	Run D5	Run D6 (1)	Average
	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
PCB 77 (BZ)	6.55E-08	1.37E-07	1.57E-07	4.65E-08	4.99E-08	9.12E-08
PCB 78 (BZ)	2.17E-08	2.61E-08	1.07E-07	2.32E-08	1.62E-08	3.88E-08
PCB 79 (BZ)	1.05E-08	1.45E-08	3.18E-08	1.14E-08	1.19E-08	1.60E-08
PCB 8 (BZ)	7.09E-07	3.94E-07	4.82E-07	2.36E-07	3.72E-07	4.39E-07
PCB 80 (BZ)	0.00E+00	0.00E+00	5.19E-09	0.00E+00	0.00E+00	1.04E-09
PCB 81 (BZ)	1.70E-08	2.28E-08	6.48E-08	1.12E-08	1.19E-08	2.55E-08
PCB 82 (BZ)	4.53E-08	3.91E-08	5.82E-08	1.74E-08	2.77E-08	3.76E-08
PCB 83 (BZ)	3.58E-07	2.69E-07	3.17E-07	5.99E-07	5.39E-07	4.17E-07
PCB 84 (BZ)	1.00E-07	3.90E-08	6.07E-08	3.19E-08	6.56E-08	5.95E-08
PCB 85 (BZ)	5.27E-08	5.34E-08	1.01E-07	2.23E-08	3.87E-08	5.37E-08
PCB 86 (BZ)	4.89E-07	2.87E-07	3.79E-07	5.52E-07	5.90E-07	4.59E-07
PCB 87 (BZ)	4.89E-07	2.87E-07	3.79E-07	5.52E-07	5.90E-07	4.59E-07
PCB 88 (BZ)	5.61E-08	1.97E-08	3.63E-08	1.98E-08	4.19E-08	3.48E-08
PCB 89 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 9 (BZ)	2.08E-07	1.58E-07	4.64E-07	1.85E-07	1.71E-07	2.37E-07
PCB 90 (BZ)	4.06E-07	2.21E-07	2.93E-07	1.24E-07	4.31E-07	2.95E-07
PCB 91 (BZ)	5.61E-08	1.97E-08	3.63E-08	1.98E-08	4.19E-08	3.48E-08
PCB 92 (BZ)	5.04E-08	2.28E-08	2.80E-08	1.59E-08	3.43E-08	3.03E-08
PCB 93 (BZ)	0.00E+00	0.00E+00	9.71E-10	0.00E+00	0.00E+00	1.94E-10
PCB 94 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 95 (BZ)	3.81E-07	1.59E-07	1.83E-07	1.03E-07	2.54E-07	2.16E-07
PCB 96 (BZ)	9.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-09
PCB 97 (BZ)	4.89E-07	2.87E-07	3.79E-07	5.52E-07	5.90E-07	4.59E-07
PCB 98 (BZ)	1.30E-08	0.00E+00	2.94E-09	0.00E+00	0.00E+00	3.19E-09
PCB 99 (BZ)	3.58E-07	2.69E-07	3.17E-07	5.99E-07	5.39E-07	4.17E-07
Pentachlorobiphenyl (total)	2.67E-06	1.53E-06	2.19E-06	1.80E-06	2.53E-06	2.14E-06
Tetrachlorobiphenyl (total)	6.14E-06	2.78E-06	4.12E-06	1.76E-06	3.51E-06	3.66E-06
Trichlorobiphenyl (total)	5.64E-06	3.30E-06	5.86E-06	2.21E-06	2.83E-06	3.97E-06

Note (1): A sixth run was conducted due to Run D1 sample being broken in shipping. The average result reflects runs 2 through 6. The sixth run emission rate was calculated using the flow rate from day 1.

Table 4.6.4

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
Dichlorobiphenyl (total)	4.23E-05	1.64E-05	9.55E-06	4.53E-06	7.19E-06	1.60E-05
Heptachlorobiphenyl (total)	7.88E-07	1.04E-07	8.92E-08	5.03E-08	3.64E-08	2.14E-07
Hexachlorobiphenyl (total)	2.29E-06	4.97E-07	5.63E-07	4.67E-07	3.60E-07	8.36E-07
Monochlorobiphenyl (total)	3.13E-04	8.58E-05	7.57E-05	2.50E-05	6.11E-05	1.12E-04
Nonachlorobiphenyl (total)	7.88E-08	8.14E-09	4.48E-09	2.89E-09	0.00E+00	1.89E-08
Octachlorobiphenyl (total)	2.55E-07	1.95E-08	1.38E-08	1.63E-08	4.00E-09	6.18E-08
PCB 1 (BZ)	3.45E-05	1.20E-05	1.09E-05	4.55E-06	9.79E-06	1.44E-05
PCB 10 (BZ)	2.07E-07	1.52E-07	5.39E-08	1.68E-08	3.06E-08	9.22E-08
PCB 100 (BZ)	0.00E+00	0.00E+00	6.64E-10	0.00E+00	0.00E+00	1.33E-10
PCB 101 (BZ)	5.99E-07	1.38E-07	1.66E-07	1.72E-07	2.44E-07	2.64E-07
PCB 102 (BZ)	3.72E-08	1.95E-09	3.15E-09	0.00E+00	0.00E+00	8.47E-09
PCB 103 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 104 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 105 (BZ)	2.79E-07	7.49E-08	7.87E-08	5.51E-08	5.79E-08	1.09E-07
PCB 106 (BZ)	1.16E-07	2.41E-08	2.85E-08	4.42E-10	1.53E-08	3.69E-08
PCB 107 (BZ)/109 (IUPAC)	1.04E-07	4.25E-09	2.17E-08	6.55E-09	9.83E-09	2.93E-08
PCB 108 (BZ)/107 (IUPAC)	8.98E-08	1.61E-08	2.14E-08	1.52E-09	1.09E-08	2.79E-08
PCB 109 (BZ)/108 (IUPAC)	1.45E-06	3.79E-07	7.84E-07	5.27E-07	2.02E-07	6.68E-07
PCB 11 (BZ)	7.65E-06	3.43E-06	1.16E-06	1.70E-06	1.08E-06	3.00E-06
PCB 110 (BZ)	4.82E-07	1.36E-07	1.81E-07	1.39E-07	2.00E-07	2.28E-07
PCB 111 (BZ)	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-09
PCB 112 (BZ)	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-09
PCB 113 (BZ)	5.99E-07	1.38E-07	1.66E-07	1.72E-07	2.44E-07	2.64E-07
PCB 114 (BZ)	7.57E-08	1.42E-08	3.55E-09	8.38E-10	1.03E-08	2.09E-08
PCB 115 (BZ)	4.82E-07	1.36E-07	1.81E-07	1.39E-07	2.00E-07	2.28E-07
PCB 116 (BZ)	1.77E-07	4.14E-08	4.15E-08	3.44E-08	4.59E-08	6.80E-08
PCB 117 (BZ)	1.77E-07	4.14E-08	4.15E-08	3.44E-08	4.59E-08	6.80E-08
PCB 118 (BZ)	4.95E-07	1.27E-07	1.41E-07	1.12E-07	1.58E-07	2.06E-07
PCB 119 (BZ)	1.45E-06	3.79E-07	7.84E-07	5.27E-07	2.02E-07	6.68E-07
PCB 12 (BZ)	1.98E-05	5.92E-06	4.63E-06	1.27E-06	3.00E-06	6.93E-06
PCB 120 (BZ)	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-09
PCB 121 (BZ)	6.16E-08	4.05E-08	1.83E-08	1.05E-08	1.60E-08	2.94E-08
PCB 122 (BZ)	1.21E-07	2.55E-08	2.46E-08	9.44E-10	1.29E-08	3.69E-08
PCB 123 (BZ)	4.61E-08	7.31E-09	6.79E-09	8.83E-10	6.75E-09	1.36E-08
PCB 124 (BZ)	8.98E-08	1.61E-08	2.14E-08	1.52E-09	1.09E-08	2.79E-08
PCB 125 (BZ)	1.45E-06	3.79E-07	7.84E-07	5.27E-07	2.02E-07	6.68E-07
PCB 126 (BZ)	3.13E-07	5.15E-08	6.13E-08	2.53E-08	3.44E-08	9.70E-08
PCB 127 (BZ)	5.11E-08	9.11E-09	2.99E-10	0.00E+00	0.00E+00	1.21E-08
PCB 128 (BZ)	6.28E-08	6.19E-09	1.89E-08	2.44E-09	6.37E-09	1.93E-08

Table 4.6.4 Continued

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
PCB 129 (BZ)	4.42E-07	1.16E-07	1.31E-07	1.05E-07	7.57E-08	1.74E-07
PCB 13 (BZ)	1.98E-05	5.92E-06	4.63E-06	1.27E-06	3.00E-06	6.93E-06
PCB 130 (BZ)	5.30E-08	1.34E-08	2.97E-09	5.99E-09	0.00E+00	1.51E-08
PCB 131 (BZ)	4.30E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
PCB 132 (BZ)	9.55E-08	2.18E-08	1.83E-08	2.60E-08	2.55E-08	3.74E-08
PCB 133 (BZ)	0.00E+00	7.25E-10	0.00E+00	6.24E-10	0.00E+00	2.70E-10
PCB 134 (BZ)	2.96E-08	3.36E-09	3.82E-09	1.01E-09	0.00E+00	7.56E-09
PCB 135 (BZ)	6.49E-08	1.15E-08	1.56E-08	3.46E-08	2.73E-08	3.08E-08
PCB 136 (BZ)	4.58E-08	4.95E-09	5.81E-09	1.13E-08	0.00E+00	1.36E-08
PCB 137 (BZ)	1.36E-07	4.41E-08	2.49E-08	1.78E-08	2.18E-08	4.88E-08
PCB 138 (BZ)	4.42E-07	1.16E-07	1.31E-07	1.05E-07	7.57E-08	1.74E-07
PCB 139 (BZ)	3.58E-09	0.00E+00	1.59E-09	0.00E+00	0.00E+00	1.04E-09
PCB 14 (BZ)	2.20E-06	7.85E-07	5.66E-07	1.85E-07	4.10E-07	8.29E-07
PCB 140 (BZ)	3.58E-09	0.00E+00	1.59E-09	0.00E+00	0.00E+00	1.04E-09
PCB 141 (BZ)	1.98E-07	3.93E-08	4.78E-08	4.28E-08	8.73E-09	6.74E-08
PCB 142 (BZ)	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-10
PCB 143 (BZ)	2.96E-08	3.36E-09	3.82E-09	1.01E-09	0.00E+00	7.56E-09
PCB 144 (BZ)	2.39E-09	1.95E-09	1.83E-09	0.00E+00	0.00E+00	1.23E-09
PCB 145 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 146 (BZ)	1.77E-08	2.41E-08	3.20E-08	3.43E-08	1.16E-08	2.39E-08
PCB 147 (BZ)	1.92E-07	5.48E-08	5.80E-08	6.34E-08	6.85E-08	8.73E-08
PCB 148 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 149 (BZ)	1.92E-07	5.48E-08	5.80E-08	6.34E-08	6.85E-08	8.73E-08
PCB 15 (BZ)	3.30E-06	1.37E-06	7.96E-07	3.32E-07	6.26E-07	1.28E-06
PCB 150 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 151 (BZ)	6.49E-08	1.15E-08	1.56E-08	3.46E-08	2.73E-08	3.08E-08
PCB 152 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 153 (BZ)	2.97E-07	8.89E-08	8.87E-08	8.57E-08	7.30E-08	1.27E-07
PCB 154 (BZ)	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-09
PCB 155 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 156 (BZ)	2.29E-07	3.33E-08	4.33E-08	1.86E-08	2.73E-08	7.03E-08
PCB 157 (BZ)	2.29E-07	3.33E-08	4.33E-08	1.86E-08	2.73E-08	7.03E-08
PCB 158 (BZ)	8.64E-08	4.78E-09	2.29E-08	1.98E-09	1.04E-08	2.53E-08
PCB 159 (BZ)	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-09
PCB 16 (BZ)	4.66E-07	1.33E-07	1.51E-07	8.97E-08	1.06E-07	1.89E-07
PCB 160 (BZ)	4.42E-07	1.16E-07	1.31E-07	1.05E-07	7.57E-08	1.74E-07
PCB 161 (BZ)	7.88E-08	0.00E+00	8.63E-10	0.00E+00	0.00E+00	1.59E-08
PCB 162 (BZ)	3.25E-08	5.84E-10	2.99E-10	0.00E+00	0.00E+00	6.67E-09
PCB 163 (BZ)	4.42E-07	1.16E-07	1.31E-07	1.05E-07	7.57E-08	1.74E-07

Table 4.6.4 Continued

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
PCB 164 (BZ)	7.45E-08	1.63E-08	1.79E-08	1.15E-08	7.82E-09	2.56E-08
PCB 165 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 166 (BZ)	6.28E-08	6.19E-09	1.89E-08	2.44E-09	6.37E-09	1.93E-08
PCB 167 (BZ)	4.78E-08	1.77E-09	2.57E-09	1.14E-09	0.00E+00	1.06E-08
PCB 168 (BZ)	2.97E-07	8.89E-08	8.87E-08	8.57E-08	7.30E-08	1.27E-07
PCB 169 (BZ)	7.16E-08	3.54E-09	2.08E-08	1.26E-09	5.82E-09	2.06E-08
PCB 17 (BZ)	3.72E-07	1.27E-07	9.70E-08	6.70E-08	9.77E-08	1.52E-07
PCB 170 (BZ)	1.48E-07	2.19E-08	5.26E-09	1.98E-09	1.73E-08	3.89E-08
PCB 171 (BZ)	7.64E-08	1.50E-08	3.19E-09	0.00E+00	0.00E+00	1.89E-08
PCB 172 (BZ)	3.25E-08	1.45E-09	0.00E+00	9.14E-10	0.00E+00	6.97E-09
PCB 173 (BZ)	7.64E-08	1.50E-08	3.19E-09	0.00E+00	0.00E+00	1.89E-08
PCB 174 (BZ)	4.73E-08	4.42E-09	4.15E-09	2.28E-09	0.00E+00	1.16E-08
PCB 175 (BZ)	1.48E-08	0.00E+00	7.14E-10	0.00E+00	0.00E+00	3.10E-09
PCB 176 (BZ)	1.67E-08	5.10E-09	0.00E+00	0.00E+00	0.00E+00	4.36E-09
PCB 177 (BZ)	2.87E-08	2.48E-09	2.82E-09	1.46E-09	0.00E+00	7.08E-09
PCB 178 (BZ)	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-10
PCB 179 (BZ)	2.01E-08	7.61E-09	2.49E-09	1.68E-09	0.00E+00	6.37E-09
PCB 18 (BZ)	6.69E-07	2.17E-07	1.74E-07	1.50E-07	1.67E-07	2.76E-07
PCB 180 (BZ)	1.00E-07	2.11E-08	2.38E-08	1.80E-08	1.24E-08	3.51E-08
PCB 181 (BZ)	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-10
PCB 182 (BZ)	1.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-10
PCB 183 (BZ)	1.19E-08	4.60E-09	1.31E-08	3.05E-09	0.00E+00	6.54E-09
PCB 184 (BZ)	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-09
PCB 185 (BZ)	1.19E-08	4.60E-09	1.31E-08	3.05E-09	0.00E+00	6.54E-09
PCB 186 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 187 (BZ)	3.15E-08	9.55E-09	7.47E-09	1.49E-08	6.73E-09	1.40E-08
PCB 188 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 189 (BZ)	7.64E-08	4.42E-09	1.13E-08	2.28E-09	0.00E+00	1.89E-08
PCB 19 (BZ)	7.81E-08	1.61E-08	2.36E-08	2.36E-08	2.13E-08	3.25E-08
PCB 190 (BZ)	6.28E-08	1.47E-09	2.32E-09	8.53E-10	0.00E+00	1.35E-08
PCB 191 (BZ)	5.85E-08	2.65E-09	1.25E-08	3.50E-09	0.00E+00	1.54E-08
PCB 192 (BZ)	2.89E-08	9.91E-10	0.00E+00	0.00E+00	0.00E+00	5.98E-09
PCB 193 (BZ)	1.00E-07	2.11E-08	2.38E-08	1.80E-08	1.24E-08	3.51E-08
PCB 194 (BZ)	6.92E-08	4.60E-09	6.97E-09	9.90E-09	0.00E+00	1.81E-08
PCB 195 (BZ)	3.27E-08	2.30E-09	3.15E-09	2.13E-09	0.00E+00	8.06E-09
PCB 196 (BZ)	4.75E-08	2.83E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-08
PCB 197 (BZ)	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-10
PCB 198 (BZ)	1.29E-08	2.83E-09	0.00E+00	1.98E-09	0.00E+00	3.54E-09
PCB 199 (BZ)/200 (IUPAC)	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-10

Table 4.6.4 Continued

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
PCB 2 (BZ)	1.18E-04	3.54E-05	3.01E-05	1.04E-05	2.56E-05	4.38E-05
PCB 20 (BZ)	1.33E-06	4.75E-07	3.46E-07	2.92E-07	3.77E-07	5.64E-07
PCB 200 (BZ)/201 (IUPAC)	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-10
PCB 201 (BZ)/199 (IUPAC)	1.29E-08	2.83E-09	0.00E+00	1.98E-09	0.00E+00	3.54E-09
PCB 202 (BZ)	2.05E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	6.34E-10
PCB 203 (BZ)	2.41E-08	2.30E-09	0.00E+00	0.00E+00	0.00E+00	5.28E-09
PCB 204 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 205 (BZ)	5.97E-08	3.01E-09	3.65E-09	2.44E-09	4.00E-09	1.46E-08
PCB 206 (BZ)	3.82E-08	5.66E-09	4.20E-09	2.13E-09	0.00E+00	1.00E-08
PCB 207 (BZ)	3.49E-08	1.63E-09	1.44E-10	8.53E-10	0.00E+00	7.50E-09
PCB 208 (BZ)	5.49E-09	9.73E-10	1.53E-10	0.00E+00	0.00E+00	1.32E-09
PCB 209 (BZ) [1]	4.08E-08	0.00E+00	3.59E-09	2.59E-09	1.42E-09	9.69E-09
PCB 21 (BZ)	2.43E-06	6.07E-07	5.66E-07	2.83E-07	4.39E-07	8.66E-07
PCB 22 (BZ)	6.34E-07	2.04E-07	1.65E-07	1.26E-07	1.73E-07	2.61E-07
PCB 23 (BZ)	2.74E-07	8.92E-08	5.66E-08	2.28E-08	4.40E-08	9.73E-08
PCB 24 (BZ)	1.15E-07	4.78E-08	2.04E-08	7.26E-09	1.57E-08	4.12E-08
PCB 25 (BZ)	2.63E-07	2.23E-07	6.79E-08	4.83E-08	6.53E-08	1.34E-07
PCB 26 (BZ)	7.49E-07	3.75E-07	1.75E-07	9.01E-08	1.35E-07	3.05E-07
PCB 27 (BZ)	6.11E-08	3.64E-08	1.50E-08	1.42E-08	1.40E-08	2.82E-08
PCB 28 (BZ)	1.33E-06	4.75E-07	3.46E-07	2.92E-07	3.77E-07	5.64E-07
PCB 29 (BZ)	7.49E-07	3.75E-07	1.75E-07	9.01E-08	1.35E-07	3.05E-07
PCB 3 (BZ)	1.70E-04	3.90E-05	3.51E-05	9.78E-06	2.57E-05	5.60E-05
PCB 30 (BZ)	6.69E-07	2.17E-07	1.74E-07	1.50E-07	1.67E-07	2.76E-07
PCB 31 (BZ)	1.24E-06	4.27E-07	3.38E-07	2.57E-07	3.53E-07	5.23E-07
PCB 32 (BZ)	1.96E-07	7.14E-08	5.43E-08	4.41E-08	4.79E-08	8.27E-08
PCB 33 (BZ)	2.43E-06	6.07E-07	5.66E-07	2.83E-07	4.39E-07	8.66E-07
PCB 34 (BZ)	1.29E-07	7.93E-08	2.68E-08	1.57E-08	2.07E-08	5.43E-08
PCB 35 (BZ)	1.27E-06	5.21E-07	2.53E-07	9.23E-08	1.78E-07	4.62E-07
PCB 36 (BZ)	2.39E-07	1.56E-07	4.02E-08	2.34E-08	4.33E-08	1.00E-07
PCB 37 (BZ)	1.77E-06	5.82E-07	4.08E-07	1.86E-07	2.80E-07	6.44E-07
PCB 38 (BZ)	3.37E-06	5.50E-07	6.59E-07	1.27E-07	3.43E-07	1.01E-06
PCB 39 (BZ)	1.77E-07	1.36E-07	4.30E-08	1.74E-08	3.29E-08	8.14E-08
PCB 4 (BZ)	4.92E-07	2.67E-07	8.72E-08	8.51E-08	6.91E-08	2.00E-07
PCB 40 (BZ)	8.51E-07	1.79E-07	2.32E-07	1.73E-07	2.42E-07	3.35E-07
PCB 41 (BZ)	8.51E-07	1.79E-07	2.32E-07	1.73E-07	2.42E-07	3.35E-07
PCB 42 (BZ)	2.49E-07	5.19E-08	7.69E-08	6.35E-08	1.05E-07	1.09E-07
PCB 43 (BZ)	7.12E-08	3.47E-08	1.64E-08	1.06E-08	1.29E-08	2.92E-08
PCB 44 (BZ)	1.51E-06	3.47E-07	4.07E-07	3.73E-07	5.15E-07	6.31E-07
PCB 45 (BZ)	3.30E-07	7.25E-08	9.15E-08	6.98E-08	9.53E-08	1.32E-07

Table 4.6.4 Continued

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
PCB 46 (BZ)	6.30E-08	1.80E-08	2.02E-08	1.98E-09	2.04E-08	2.47E-08
PCB 47 (BZ)	1.51E-06	3.47E-07	4.07E-07	3.73E-07	5.15E-07	6.31E-07
PCB 48 (BZ)	2.54E-07	6.02E-08	7.56E-08	7.01E-08	8.83E-08	1.10E-07
PCB 49 (BZ)	5.79E-07	1.14E-07	1.57E-07	1.44E-07	1.90E-07	2.37E-07
PCB 5 (BZ)	2.19E-06	7.30E-07	6.09E-07	1.85E-07	3.56E-07	8.14E-07
PCB 50 (BZ)	1.27E-07	2.85E-08	2.79E-08	2.09E-08	3.62E-08	4.80E-08
PCB 51 (BZ)	3.30E-07	7.25E-08	9.15E-08	6.98E-08	9.53E-08	1.32E-07
PCB 52 (BZ)	1.20E-06	2.46E-07	3.12E-07	3.52E-07	4.94E-07	5.21E-07
PCB 53 (BZ)	1.27E-07	2.85E-08	2.79E-08	2.09E-08	3.62E-08	4.80E-08
PCB 54 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 55 (BZ)	1.92E-07	4.05E-08	3.97E-08	1.43E-08	3.06E-08	6.34E-08
PCB 56 (BZ)	4.72E-07	1.18E-07	1.15E-07	7.98E-08	1.12E-07	1.79E-07
PCB 57 (BZ)	5.42E-08	2.06E-08	1.42E-08	6.24E-09	6.62E-09	2.04E-08
PCB 58 (BZ)	5.32E-08	1.15E-08	4.48E-10	0.00E+00	8.22E-09	1.47E-08
PCB 59 (BZ)	2.27E-07	6.18E-08	6.43E-08	3.23E-08	5.53E-08	8.81E-08
PCB 6 (BZ)	1.81E-06	1.24E-06	4.19E-07	1.77E-07	3.45E-07	8.00E-07
PCB 60 (BZ)	2.63E-07	5.13E-08	7.12E-08	4.39E-08	6.13E-08	9.81E-08
PCB 61 (BZ)	2.04E-06	4.39E-07	5.48E-07	3.68E-07	5.61E-07	7.90E-07
PCB 62 (BZ)	2.27E-07	6.18E-08	6.43E-08	3.23E-08	5.53E-08	8.81E-08
PCB 63 (BZ)	6.78E-08	2.28E-08	2.34E-08	9.56E-09	1.42E-08	2.76E-08
PCB 64 (BZ)	4.21E-07	8.94E-08	1.24E-07	9.74E-08	1.63E-07	1.79E-07
PCB 65 (BZ)	1.51E-06	3.47E-07	4.07E-07	3.73E-07	5.15E-07	6.31E-07
PCB 66 (BZ)	6.44E-07	1.48E-07	1.83E-07	1.34E-07	1.92E-07	2.60E-07
PCB 67 (BZ)	1.11E-07	3.11E-08	2.40E-08	1.13E-08	2.02E-08	3.95E-08
PCB 68 (BZ)	1.84E-07	9.89E-08	4.52E-08	4.05E-08	3.49E-08	8.07E-08
PCB 69 (BZ)	5.79E-07	1.14E-07	1.57E-07	1.44E-07	1.90E-07	2.37E-07
PCB 7 (BZ)	1.45E-06	7.01E-07	3.64E-07	1.50E-07	3.39E-07	6.00E-07
PCB 70 (BZ)	2.04E-06	4.39E-07	5.48E-07	3.68E-07	5.61E-07	7.90E-07
PCB 71 (BZ)	8.51E-07	1.79E-07	2.32E-07	1.73E-07	2.42E-07	3.35E-07
PCB 72 (BZ)	2.57E-08	1.56E-08	1.15E-09	0.00E+00	6.40E-09	9.77E-09
PCB 73 (BZ)	7.12E-08	3.47E-08	1.64E-08	1.06E-08	1.29E-08	2.92E-08
PCB 74 (BZ)	2.04E-06	4.39E-07	5.48E-07	3.68E-07	5.61E-07	7.90E-07
PCB 75 (BZ)	2.27E-07	6.18E-08	6.43E-08	3.23E-08	5.53E-08	8.81E-08
PCB 76 (BZ)	2.04E-06	4.39E-07	5.48E-07	3.68E-07	5.61E-07	7.90E-07
PCB 77 (BZ)	5.74E-07	9.22E-08	1.14E-07	4.45E-08	6.51E-08	1.78E-07
PCB 78 (BZ)	3.20E-07	5.13E-08	6.53E-08	1.08E-08	3.33E-08	9.61E-08
PCB 79 (BZ)	1.29E-07	3.91E-08	2.41E-08	1.02E-08	1.66E-08	4.39E-08
PCB 8 (BZ)	2.36E-06	1.19E-06	5.95E-07	3.01E-07	5.06E-07	9.91E-07
PCB 80 (BZ)	2.63E-08	1.57E-08	6.64E-09	0.00E+00	0.00E+00	9.73E-09

Table 4.6.4 Continued

AASI

Polychlorinated Biphenyls Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
PCB 81 (BZ)	2.46E-07	3.84E-08	4.38E-08	9.76E-09	1.84E-08	7.13E-08
PCB 82 (BZ)	1.57E-07	1.10E-08	3.70E-08	2.77E-08	4.37E-09	4.75E-08
PCB 83 (BZ)	8.52E-07	2.53E-07	5.28E-07	3.84E-07	3.70E-07	4.77E-07
PCB 84 (BZ)	1.22E-07	2.81E-08	4.56E-08	4.22E-08	6.46E-08	6.06E-08
PCB 85 (BZ)	1.77E-07	4.14E-08	4.15E-08	3.44E-08	4.59E-08	6.80E-08
PCB 86 (BZ)	1.45E-06	3.79E-07	7.84E-07	5.27E-07	2.02E-07	6.68E-07
PCB 87 (BZ)	1.45E-06	3.79E-07	7.84E-07	5.27E-07	2.02E-07	6.68E-07
PCB 88 (BZ)	1.27E-07	1.10E-08	3.14E-08	2.50E-08	2.98E-08	4.49E-08
PCB 89 (BZ)	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-09
PCB 9 (BZ)	1.37E-06	6.98E-07	3.09E-07	1.12E-07	2.82E-07	5.54E-07
PCB 90 (BZ)	5.99E-07	1.38E-07	1.66E-07	1.72E-07	2.44E-07	2.64E-07
PCB 91 (BZ)	1.27E-07	1.10E-08	3.14E-08	2.50E-08	2.98E-08	4.49E-08
PCB 92 (BZ)	8.14E-08	1.80E-08	1.37E-08	2.15E-08	2.73E-08	3.24E-08
PCB 93 (BZ)	0.00E+00	0.00E+00	6.64E-10	0.00E+00	0.00E+00	1.33E-10
PCB 94 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 95 (BZ)	4.44E-07	1.24E-07	1.51E-07	1.65E-07	1.99E-07	2.17E-07
PCB 96 (BZ)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PCB 97 (BZ)	1.45E-06	3.79E-07	7.84E-07	5.27E-07	2.02E-07	6.68E-07
PCB 98 (BZ)	3.72E-08	1.95E-09	3.15E-09	0.00E+00	0.00E+00	8.47E-09
PCB 99 (BZ)	8.52E-07	2.53E-07	5.28E-07	3.84E-07	3.70E-07	4.77E-07
Pentachlorobiphenyl (total)	6.27E-06	1.53E-06	2.30E-06	1.74E-06	1.71E-06	2.71E-06
Tetrachlorobiphenyl (total)	1.12E-05	2.53E-06	2.86E-06	2.25E-06	3.26E-06	4.42E-06
Trichlorobiphenyl (total)	1.60E-05	5.05E-06	3.62E-06	2.02E-06	3.02E-06	5.95E-06

Table 4.6.5

AASI

Polyaromatic Hydrocarbons Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D2	Run D3	Run D4	Run D5	Run D6 (1)	Average
	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
1-Methylnaphthalene	1.07E-03	1.96E-03	4.74E-03	1.25E-03	1.55E-03	2.11E-03
1-Methylphenanthrene	1.33E-04	2.13E-04	4.21E-04	1.83E-04	2.32E-04	2.37E-04
2,3,5-Trimethylnaphthalene	5.29E-05	8.66E-05	1.59E-04	5.47E-05	9.29E-05	8.92E-05
2,6-Dimethylnaphthalene	1.63E-04	2.61E-04	5.66E-04	1.93E-04	2.27E-04	2.82E-04
2-Methylnaphthalene	8.51E-04	1.61E-03	4.07E-03	1.25E-03	1.50E-03	1.86E-03
Acenaphthene	9.42E-05	1.79E-04	4.30E-04	1.71E-04	1.35E-04	2.02E-04
Acenaphthylene	4.52E-04	8.48E-04	1.90E-03	7.84E-04	8.38E-04	9.64E-04
Anthracene	8.42E-05	2.78E-04	5.49E-04	1.83E-04	2.81E-04	2.75E-04
Benzo(a)anthracene	1.04E-04	7.55E-05	1.76E-04	6.96E-05	1.78E-04	1.20E-04
Benzo(a)pyrene	3.79E-05	6.74E-05	1.41E-04	6.25E-05	5.08E-05	7.19E-05
Benzo(b)fluoranthene	7.07E-05	9.61E-05	2.32E-04	9.66E-05	3.69E-05	1.07E-04
Benzo(e)pyrene	4.64E-05	6.83E-05	1.38E-04	6.03E-05	7.08E-05	7.67E-05
Benzo(ghi)perylene	2.82E-05	4.25E-05	8.84E-05	3.98E-05	5.22E-05	5.02E-05
Benzo(k)fluoranthene	5.23E-06	4.24E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06
Biphenyl	3.80E-03	4.74E-03	1.20E-02	5.35E-03	5.60E-03	6.30E-03
Chrysene	1.17E-04	1.54E-04	7.31E-04	1.48E-04	3.07E-04	2.92E-04
Dibenz(a,h)anthracene	4.51E-06	1.01E-05	2.81E-05	1.29E-05	9.77E-06	1.31E-05
Fluoranthene	2.75E-04	3.96E-04	8.81E-04	3.36E-04	5.00E-04	4.77E-04
Fluorene	5.07E-04	7.51E-04	1.75E-03	6.49E-04	8.23E-04	8.95E-04
Indeno(1,2,3-cd)pyrene	2.56E-05	3.27E-05	7.93E-05	3.52E-05	4.04E-05	4.26E-05
Naphthalene	3.81E-03	6.20E-03	1.42E-02	5.46E-03	8.38E-03	7.62E-03
Perylene	2.89E-06	7.97E-06	1.96E-05	1.07E-05	2.70E-05	1.36E-05
Phenanthrene	1.40E-03	1.80E-03	4.12E-03	1.71E-03	2.11E-03	2.23E-03
Pyrene	2.21E-04	3.81E-04	8.36E-04	3.15E-04	4.48E-04	4.40E-04

Note (1): A sixth run was conducted due to Run D1 sample being broken in shipping. The average result reflects runs 2 through 6. The sixth run emission rate was calculated using the flow rate from day 1.

Table 4.6.6

AASI

Polyaromatic Hydrocarbons Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
1-Methylnaphthalene	1.03E-02	7.43E-03	4.15E-03	4.72E-03	2.55E-03	5.83E-03
1-Methylphenanthrene	1.32E-03	7.85E-04	4.87E-04	6.19E-04	3.27E-04	7.08E-04
2,3,5-Trimethylnaphthalene	4.57E-04	4.08E-04	5.51E-04	2.29E-04	1.73E-04	3.64E-04
2,6-Dimethylnaphthalene	1.48E-03	1.20E-03	7.32E-04	8.08E-04	4.56E-04	9.37E-04
2-Methylnaphthalene	1.00E-02	7.26E-03	3.99E-03	4.72E-03	2.37E-03	5.68E-03
Acenaphthene	1.03E-03	8.34E-04	4.36E-04	5.18E-04	2.57E-04	6.15E-04
Acenaphthylene	6.94E-03	3.36E-03	2.49E-03	2.90E-03	1.06E-03	3.35E-03
Anthracene	2.05E-03	1.25E-03	8.82E-04	8.76E-04	4.88E-04	1.11E-03
Benzo(a)anthracene	1.19E-03	5.38E-04	4.28E-04	4.51E-04	2.20E-04	5.66E-04
Benzo(a)pyrene	3.79E-04	2.04E-04	1.77E-04	2.03E-04	8.61E-05	2.10E-04
Benzo(b)fluoranthene	5.50E-04	2.31E-04	1.40E-04	1.14E-04	6.28E-05	2.20E-04
Benzo(e)pyrene	2.79E-04	1.36E-04	1.91E-04	1.64E-04	8.64E-05	1.71E-04
Benzo(ghi)perylene	2.87E-04	1.17E-04	9.53E-05	1.33E-04	4.38E-05	1.35E-04
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biphenyl	4.55E-02	1.95E-02	1.55E-02	1.04E-02	1.00E-02	2.02E-02
Chrysene	1.82E-03	9.12E-04	7.31E-04	6.28E-04	3.96E-04	8.97E-04
Dibenz(a,h)anthracene	6.45E-05	3.01E-05	2.68E-05	2.44E-05	1.55E-05	3.22E-05
Fluoranthene	2.54E-03	1.39E-03	1.07E-03	1.07E-03	5.43E-04	1.32E-03
Fluorene	6.26E-03	4.08E-03	2.50E-03	2.44E-03	1.62E-03	3.38E-03
Indeno(1,2,3-cd)pyrene	2.17E-04	8.50E-05	8.93E-05	1.02E-04	4.34E-05	1.07E-04
Naphthalene	5.26E-02	3.01E-02	1.83E-02	2.13E-02	9.30E-03	2.63E-02
Perylene	1.20E-04	5.43E-05	9.50E-05	7.94E-05	1.01E-04	9.00E-05
Phenanthrene	1.22E-02	6.62E-03	4.74E-03	4.45E-03	2.63E-03	6.13E-03
Pyrene	2.40E-03	1.45E-03	9.73E-04	1.11E-03	5.31E-04	1.29E-03

Table 4.6.7

AASI

Semi-Volatile Organic Compounds Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D2	Run D3	Run D4	Run D5	Run D6 (1)	Average
	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
1,2,4-Trichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Diphenylhydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,2'-Oxybis(1-Chloropropane)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4,5-Trichlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4,6-Trichlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4-Dichlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4-Dimethylphenol	0.00E+00	5.05E-04	3.61E-03	0.00E+00	0.00E+00	8.23E-04
2,4-Dinitrophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chloronaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chlorophenol	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05
2-Methylnaphthalene	1.01E-03	1.34E-03	4.52E-03	1.48E-03	1.27E-03	1.92E-03
2-Methylphenol	1.59E-03	2.17E-03	7.45E-03	2.71E-03	1.74E-03	3.13E-03
2-Nitroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Nitrophenol	0.00E+00	1.11E-04	0.00E+00	0.00E+00	9.07E-04	2.04E-04
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3-Methylphenol & 4-Methylphenol	3.25E-03	4.50E-03	1.42E-02	4.91E-03	3.14E-03	6.00E-03
3-Nitroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,6-Dinitro-2-methylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Bromophenyl phenyl ether	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Chloro-3-methylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Chlorophenyl phenyl ether	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Nitroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Nitrophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	2.65E-04
Acenaphthene	0.00E+00	1.37E-04	4.74E-04	0.00E+00	0.00E+00	1.22E-04
Acenaphthylene	4.69E-04	6.35E-04	2.26E-03	7.16E-04	7.15E-04	9.59E-04
Acetophenone	4.51E-03	5.54E-03	1.83E-02	7.27E-03	6.19E-03	8.36E-03
Aniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	2.12E-04	6.77E-04	2.04E-04	2.27E-04	2.64E-04
Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(ghi)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	3.09E-02	1.78E-02	5.42E-02	2.49E-02	3.03E-02	3.16E-02
Benzyl alcohol	6.14E-04	5.86E-04	1.56E-03	8.06E-04	1.53E-03	1.02E-03
bis(2-Chloroethoxy)methane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
bis(2-Chloroethyl) ether	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
bis(2-Ethylhexyl) phthalate	2.11E-02	1.30E-02	3.16E-02	1.42E-02	1.70E-02	1.94E-02
Butyl benzyl phthalate	3.48E-04	1.34E-04	0.00E+00	4.86E-04	5.49E-04	3.03E-04
Carbazole	0.00E+00	6.84E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05
Chrysene	1.99E-04	1.95E-04	6.95E-04	2.50E-04	2.27E-04	3.13E-04
Dibenz(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	4.87E-04	4.24E-04	1.29E-03	5.68E-04	5.93E-04	6.72E-04
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dimethyl phthalate	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05
Di-n-butyl phthalate	3.25E-04	0.00E+00	8.13E-04	0.00E+00	0.00E+00	2.28E-04

Note (1): A sixth run was conducted due to Run D1 sample being broken in shipping. The average result reflects runs 2 through 6. The sixth run emission rate was calculated using the flow rate from day 1.

Table 4.6.7 Continued

AASI

Semi-Volatile Organic Compounds Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D2	Run D3	Run D4	Run D5	Run D6 (1)	Average
	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
Di-n-octyl phthalate	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	5.22E-05
Fluoranthene	2.53E-04	2.77E-04	8.81E-04	3.52E-04	3.66E-04	4.26E-04
Fluorene	5.60E-04	6.84E-04	2.26E-03	7.84E-04	6.10E-04	9.79E-04
Hexachlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hexachlorobutadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hexachlorocyclopentadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hexachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isophorone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	5.23E-03	6.03E-03	2.05E-02	7.38E-03	7.32E-03	9.30E-03
Nitrobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N-Nitrosodimethylamine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N-Nitrosodi-n-propylamine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N-Nitrosodiphenylamine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pentachlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pentachloronitrobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pentachlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	1.32E-03	1.35E-03	4.52E-03	1.70E-03	1.67E-03	2.11E-03
Phenol	1.57E-02	1.67E-02	3.73E-02	1.64E-02	1.39E-02	2.00E-02
Pyrene	2.35E-04	3.10E-04	8.58E-04	3.52E-04	3.84E-04	4.28E-04
Pyridine	1.03E-03	1.19E-03	4.02E-03	1.66E-03	1.15E-03	1.81E-03

Note (1): A sixth run was conducted due to Run D1 sample being broken in shipping. The average result reflects runs 2 through 6. The sixth run emission rate was calculated using the flow rate from day 1.

Table 4.6.8

AASI

Semi-Volatile Organic Compounds Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
1,2,4-Trichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Diphenylhydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,2'-Oxybis(1-Chloropropane)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4,5-Trichlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4,6-Trichlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4-Dichlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4-Dimethylphenol	6.21E-03	5.13E-03	2.49E-03	4.26E-03	1.46E-03	3.91E-03
2,4-Dinitrophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chloronaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chlorophenol	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
2-Methylnaphthalene	8.83E-03	6.90E-03	3.49E-03	4.26E-03	2.18E-03	5.13E-03
2-Methylphenol	1.82E-02	1.13E-02	6.31E-03	1.01E-02	4.27E-03	1.00E-02
2-Nitroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Nitrophenol	8.36E-04	3.18E-03	1.15E-03	1.31E-03	1.22E-04	1.32E-03
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3-Methylphenol & 4-Methylphenol	2.92E-02	2.33E-02	1.25E-02	1.70E-02	8.04E-03	1.80E-02
3-Nitroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,6-Dinitro-2-methylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Bromophenyl phenyl ether	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Chloro-3-methylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Chlorophenyl phenyl ether	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Nitroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Nitrophenol	1.48E-03	3.54E-03	1.21E-03	1.52E-03	0.00E+00	1.55E-03
Acenaphthene	0.00E+00	8.14E-04	0.00E+00	4.42E-04	0.00E+00	2.51E-04
Acenaphthylene	7.16E-03	3.54E-03	2.32E-03	2.89E-03	1.09E-03	3.40E-03
Acetophenone	4.30E-02	2.30E-02	1.44E-02	1.19E-02	1.02E-02	2.05E-02
Aniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	1.81E-03	1.24E-03	7.80E-04	8.38E-04	4.73E-04	1.03E-03
Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-05
Benzo(ghi)perylene	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	1.64E-05
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	3.07E-01	7.61E-02	3.62E-02	3.27E-02	2.82E-02	9.61E-02
Benzyl alcohol	8.83E-04	5.31E-04	2.49E-04	2.74E-04	1.47E-04	4.17E-04
bis(2-Chloroethoxy)methane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
bis(2-Chloroethyl) ether	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
bis(2-Ethylhexyl) phthalate	3.92E-02	2.96E-02	2.63E-02	2.43E-02	3.01E-02	2.99E-02
Butyl benzyl phthalate	2.79E-03	2.07E-03	1.41E-04	1.11E-04	1.64E-04	1.06E-03
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	1.65E-03	7.25E-04	5.63E-04	4.87E-04	3.09E-04	7.46E-04
Dibenz(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	3.34E-03	1.56E-03	1.38E-03	1.20E-03	8.19E-04	1.66E-03

Table 4.6.8 Continued

AASI

Semi-Volatile Organic Compounds Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dimethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butyl phthalate	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
Di-n-octyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	2.17E-03	1.24E-03	9.30E-04	1.01E-03	4.91E-04	1.17E-03
Fluorene	5.25E-03	3.36E-03	1.99E-03	1.83E-03	1.29E-03	2.75E-03
Hexachlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hexachlorobutadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hexachlorocyclopentadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hexachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isophorone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	5.01E-02	2.83E-02	1.66E-02	2.13E-02	9.28E-03	2.51E-02
Nitrobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N-Nitrosodimethylamine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N-Nitrosodi-n-propylamine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N-Nitrosodiphenylamine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pentachlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pentachloronitrobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pentachlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	1.09E-02	5.84E-03	4.15E-03	3.96E-03	2.73E-03	5.52E-03
Phenol	1.10E-01	4.78E-02	3.66E-02	4.65E-02	2.31E-02	5.28E-02
Pyrene	2.29E-03	1.40E-03	8.63E-04	1.04E-03	5.46E-04	1.23E-03
Pyridine	7.21E-03	7.18E-03	4.48E-03	4.17E-03	2.18E-03	5.05E-03

4.7 Summary of Hydrogen Chloride Results

Table 4.7.1 presents a summary of hydrogen chloride emissions (day sampling).

Table 4.7.2 presents a summary of hydrogen chloride emissions (night sampling).

Table 4.7.1

AASI

Hydrogen Chloride (HCl) Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18-22, 2016

Day Sampling

Run			HCl Emissions		Volumetric Flow Rates	Sample Volume	
Date	**Number**	**Time (EDT)**	**ug/DSCF**	**Grams / Second**	**SCFMD**	**Dry Standard Liters**	**DSCF**
4/18/2016	**D1**	9:57 14:29	130.84	0.26	120848	109.08	3.85
4/19/2016	**D2**	11:47 15:47	82.95	0.14	98551	107.87	3.81
4/20/2016	**D3**	7:55 11:56	49.17	0.08	100527	109.42	3.86
4/21/2016	**D4**	8:22 12:23	23.84	0.05	137491	108.93	3.85
4/22/2016	**D5**	10:53 15:36	70.72	0.09	73023	111.71	3.94
Average			**71.50**	**0.12**	**106088**	**109.40**	**3.86**

Laboratory Results (ug)				
Run D1	Run D2	Run D3	Run D4	Run D5
504	316	190	92	279

Table 4.7.2

AASI

Hydrogen Chloride (HCl) Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Run			HCl Emissions		Volumetric Flow Rates	Sample Volume	
Date	**Number**	**Time (EDT)**	**ug/DSCF**	**Grams / Second**	**SCFMD**	**Dry Standard Liters**	**DSCF**
4/25/2016	**N1**	17:55 21:55	141.38	0.25	104782	109.16	3.85
4/26/2016	**N2**	18:55 22:55	82.43	0.12	89404	109.92	3.88
4/27/2016	**N3**	17:41 21:41	55.96	0.07	72499	108.79	3.84
4/28/2016	**N4**	17:16 21:16	52.61	0.07	77662	108.18	3.82
4/29/2016	**N5**	16:22 20:22	31.58	0.05	91877	108.49	3.83
Average			**72.80**	**0.11**	**87245**	**108.91**	**3.85**

Laboratory Results (ug)				
Run N1	Run N2	Run N3	Run N4	Run N5
545	320	215	201	121

4.8 Summary of Hydrogen Cyanide Results

Table 4.8.1 presents a summary of hydrogen cyanide emissions (day sampling).

Table 4.8.2 presents a summary of hydrogen cyanide emissions (night sampling).

Table 4.8.1

AASI

Hydrogen Cyanide (HCN) Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016

Day Sampling

Run			HCN Emissions		Volumetric Flow Rates		Sample Volume	Percent
Date	**Number**	**Time (EDT)**	**ug/DSCF**	**Grams / Second**	**SCFMD**	**Moisture %**	**SCFD**	**Isokinetic**
4/18/2016	**D1**	10:34 11:52	5.30	0.011	120848	3.4	28.465	108
4/19/2016	**D2**	11:04 12:04	4.42	0.007	98551	2.0	16.713	94
4/20/2016	**D3**	10:45 11:45	6.12	0.010	100527	2.9	20.770	97
4/20/2016	**D4**	11:07 12:13	18.44	0.042	137491	3.0	23.429	92
4/22/2016	**D5**	9:05 10:05	8.69	0.011	73023	2.8	22.260	94
Average			**8.59**	**0.016**	**106088**	**2.8**	**22.328**	**97**

Laboratory Results (ug)				
Run D1	Run D2	Run D3	Run D4	Run D5
151	74	127	432	193

Table 4.8.2

AASI

Hydrogen Cyanide (HCN) Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Run			HCN Emissions		Volumetric Flow Rates		Sample Volume	Percent
Date	Number	Time (EDT)	ug/DSCF	Grams / Second	SCFMD	Moisture %	SCFD	Isokinetic
4/25/2016	**N1**	18:37 19:37	8.46	0.015	104782	4.3	16.907	108
4/26/2016	**N2**	17:56 18:56	27.54	0.041	89404	4.2	16.604	99
4/27/2016	**N3**	20:15 21:15	29.69	0.036	72499	4.4	16.332	96
4/28/2016	**N4**	17:52 18:52	4.43	0.006	77662	2.9	16.143	97
4/29/2016	**N5**	19:02 20:02	17.63	0.027	91877	4.0	16.163	94
Average			**17.55**	**0.025**	**87245**	**3.9**	**16.430**	**99**

Laboratory Results (ug)				
Run N1	Run N2	Run N3	Run N4	Run N5
143	457	485	71	285

4.9 Summary of Mercury Results

Table 4.9.1 presents a summary of mercury emissions (day sampling).

Table 4.9.2 presents a summary of mercury emissions (night sampling).

Table 4.9.1

AASI

Mercury (Hg) Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016

Day Sampling

Run			Mercury Emissions		Volumetric Flow Rates	Sample Volume	
Date	**Number**	**Time (EDT)**	**grams/DSCF**	**Grams / Second**	**SCFMD**	**Dry Standard Liters**	**DSCF**
4/18/2016	**D1**	9:06 17:30	2.25E-09	4.52E-06	120848	255.95	9.04
4/19/2016	**D2**	8:32 16:32	2.05E-09	3.37E-06	98551	255.63	9.03
4/20/2016	**D3**	7:50 15:49	9.83E-09	1.65E-05	100527	258.29	9.12
4/21/2016	**D4**	8:01 16:02	4.22E-09	9.67E-06	137491	252.38	8.91
4/22/2016	**D5**	8:29 16:55	3.19E-09	3.88E-06	73023	258.54	9.13
Average			**4.31E-09**	**7.58E-06**	**106088**	**256.16**	**9.05**

Laboratory Results (ng)				
Run D1	Run D2	Run D3	Run D4	Run D5
20.3	18.5	89.7	37.6	29.1

Table 4.9.2

AASI

Mercury (Hg) Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Run			Mercury Emissions		Volumetric Flow Rates	Sample Volume	
Date	**Number**	**Time (EDT)**	**grams/DSCF**	**Grams / Second**	**SCFMD**	**Dry Standard Liters**	**DSCF**
4/25/2016 - 4/26/2016	**N1**	17:38 1:37	3.91E-04	6.84E-07	104782	238.71	8.43
4/26/2016 - 4/27/2016	**N2**	17:25 1:25	1.35E-02	2.02E-05	89404	239.29	8.45
4/27/2016 - 4/28/2016	**N3**	17:02 1:02	0.00E+00	0.00E+00	72499	239.08	8.44
4/28/2016 - 4/29/2016	**N4**	17:09 1:09	2.70E-03	3.50E-06	77662	239.76	8.47
4/29/2016 - 4/30/2016	**N5**	16:17 0:17	6.93E-04	1.06E-06	91877	240.95	8.51
Average			**3.47E-03**	**5.09E-06**	**87245**	**239.56**	**8.46**

Laboratory Results (ng)				
Run N1	Run N2	Run N3	Run N4	Run N5
3.3	114.5	0.0	22.9	5.9

4.10 Summary of Volatile Organic Compounds Results

Table 4.10.1 presents a summary of volatile organic compounds emissions (day sampling).

Table 4.10.2 presents a summary of volatile organic compounds emissions (night sampling).

Table 4.10.1

AASI

Volatile Organic Compounds Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D1	Run D2	Run D3	Run D4	Run D5	Run D6[1]	Average
	Date 4/18/2016	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
1,1,1,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	3.56E-05	7.87E-06
1,1,1-Trichloroethane	0.00E+00	0.00E+00	4.45E-06	0.00E+00	8.72E-06	3.43E-05	7.92E-06
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	3.80E-05	2.98E-06	9.24E-07	8.04E-06	2.70E-06	0.00E+00	8.77E-06
1,1-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3-Trichlorobenzene	5.88E-06	1.68E-04	5.08E-06	9.73E-06	1.86E-04	3.18E-05	6.79E-05
1,2,3-Trichloropropane	0.00E+00	4.29E-05	4.50E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
1,2,4-Trichlorobenzene	1.14E-05	8.42E-05	7.27E-06	1.55E-05	1.51E-04	0.00E+00	4.49E-05
1,2,4-Trimethylbenzene	1.71E-03	1.10E-03	1.66E-03	1.90E-03	7.43E-04	5.34E-04	1.28E-03
1,2-Dibromo-3-chloropropane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dibromoethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	4.45E-05	9.36E-06
1,2-Dichlorobenzene	4.70E-05	1.86E-05	4.68E-05	8.75E-05	2.12E-05	0.00E+00	3.68E-05
1,2-Dichloroethane	3.72E-06	2.30E-04	4.29E-04	6.39E-04	3.13E-04	3.36E-04	3.25E-04
1,2-Dichloropropane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3,5-Trimethylbenzene	1.30E-03	1.18E-03	2.47E-03	2.30E-03	6.65E-04	3.56E-04	1.38E-03
1,3-Dichlorobenzene	3.13E-05	1.13E-05	2.83E-05	4.23E-05	2.62E-05	0.00E+00	2.32E-05
1,3-Dichloropropane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	4.20E-05	9.07E-06
1,4-Dichlorobenzene	3.92E-05	1.71E-05	1.52E-05	3.53E-05	2.28E-05	0.00E+00	2.16E-05
2,2-Dichloropropane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	6.46E-03	1.03E-03	3.46E-03	2.40E-03	9.13E-04	3.82E-03	3.01E-03
2-Chlorotoluene	0.00E+00	7.27E-05	0.00E+00	1.69E-04	1.37E-04	3.18E-05	6.84E-05
2-Hexanone	1.49E-03	0.00E+00	0.00E+00	7.76E-04	5.40E-04	0.00E+00	4.67E-04
4-Chlorotoluene	0.00E+00	6.30E-05	0.00E+00	2.12E-04	1.05E-04	0.00E+00	6.33E-05
4-Methyl-2-pentanone	0.00E+00	0.00E+00	6.35E-05	2.26E-04	0.00E+00	0.00E+00	4.82E-05
Benzene	3.27E-02	8.28E-02	1.89E-02	1.30E-01	1.31E-01	1.19E-01	8.56E-02
Bromobenzene	2.74E-05	3.49E-05	7.55E-02	2.12E-05	5.40E-06	0.00E+00	1.26E-02
Bromochloromethane	5.48E-05	6.41E-05	1.92E-05	0.00E+00	4.98E-06	0.00E+00	2.39E-05
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	4.66E-05	2.62E-05	4.32E-05	1.93E-05
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	7.36E-04	4.78E-04	0.00E+00	4.95E-04	1.51E-03	1.14E-03	7.28E-04
Carbon disulfide	3.46E-03	1.37E-04	2.29E-04	3.75E-04	5.28E-04	7.50E-05	8.02E-04
Carbon tetrachloride	3.39E-05	1.46E-05	3.63E-04	2.47E-05	6.77E-06	0.00E+00	7.38E-05
Chlorobenzene	7.50E-04	6.95E-04	2.37E-05	1.74E-03	6.99E-04	3.73E-04	7.13E-04
Chlorodibromomethane	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
Chloroethane	2.78E-03	8.47E-04	0.00E+00	2.38E-03	9.46E-04	4.20E-04	1.23E-03
Chloroform	0.00E+00	0.00E+00	2.20E-03	0.00E+00	1.12E-05	3.94E-05	3.75E-04
Chloromethane	2.01E-02	3.20E-03	2.08E-05	8.51E-03	8.52E-03	1.74E-03	7.02E-03
cis-1,2-Dichloroethene	0.00E+00	0.00E+00	4.80E-03	0.00E+00	9.96E-06	2.67E-05	8.06E-04
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	5.64E-06	1.41E-05	0.00E+00	3.29E-06
Dibromomethane	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05
Dichlorodifluoromethane	2.29E-04	6.98E-05	0.00E+00	8.00E-05	2.49E-05	0.00E+00	6.73E-05
Ethylbenzene	3.24E-02	2.30E-02	8.26E-05	4.60E-02	1.60E-02	2.03E-02	2.30E-02
Hexachlorobutadiene	0.00E+00	0.00E+00	3.60E-02	0.00E+00	2.08E-05	0.00E+00	6.00E-03

Note (1): A sixth set of field samples was obtained as a precaution. Laboratory analysis for the day samples was not completed prior to demobilization and there were concerns that a considerable amount of day samples would be analyzed without conforming to method QA/QC criteria, attempting to determine proper dilution levels and instrument ranges for the samples.

Table 4.10.1 Continued

AASI

Volatile Organic Compounds Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016 and April 29, 2016

Day Sampling

Analyte	Run D1	Run D2	Run D3	Run D4	Run D5	Run D6[1]	Average
	Date 4/18/2016	Date 4/19/2016	Date 4/20/2016	Date 4/21/2016	Date 4/22/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
Isopropylbenzene	1.85E-03	2.41E-03	0.00E+00	6.24E-03	1.71E-03	1.15E-03	2.23E-03
Methylene chloride	3.00E-04	8.87E-04	5.50E-03	2.83E-03	1.11E-03	3.71E-03	2.39E-03
m-Xylene & p-Xylene	1.15E-02	5.96E-03	2.93E-03	1.06E-02	4.18E-03	3.15E-03	6.38E-03
Naphthalene	3.10E-03	5.69E-03	1.07E-02	7.05E-03	6.19E-03	2.93E-03	5.94E-03
n-Butylbenzene	1.22E-03	1.08E-03	4.72E-03	2.56E-03	7.53E-04	5.74E-04	1.82E-03
n-Propylbenzene	1.73E-03	1.66E-03	2.11E-03	3.25E-03	9.79E-04	9.07E-04	1.77E-03
o-Xylene	6.82E-03	3.49E-03	3.18E-03	7.39E-03	2.29E-03	2.04E-03	4.20E-03
p-Isopropyltoluene	2.65E-04	3.27E-04	5.45E-03	8.61E-04	2.69E-04	1.41E-04	1.22E-03
sec-Butylbenzene	1.71E-04	1.78E-04	8.06E-04	3.08E-04	1.39E-04	0.00E+00	2.67E-04
Styrene	4.78E-02	5.56E-02	4.34E-04	1.32E-01	7.91E-02	1.01E-01	6.94E-02
tert-Butylbenzene	0.00E+00	7.04E-06	7.41E-02	1.98E-05	1.83E-05	0.00E+00	1.24E-02
Tetrachloroethene	1.80E-05	3.04E-05	2.02E-05	9.45E-06	1.83E-05	0.00E+00	1.61E-05
Toluene	2.09E-02	3.40E-02	1.15E-05	5.35E-02	3.86E-02	3.53E-02	3.04E-02
trans-1,2-Dichloroethene	0.00E+00	0.00E+00	3.43E-02	0.00E+00	0.00E+00	0.00E+00	5.72E-03
trans-1,3-Dichloropropene	8.62E-06	0.00E+00	0.00E+00	1.10E-05	1.47E-05	3.43E-05	1.14E-05
Trichloroethene	0.00E+00	4.46E-06	1.44E-06	3.81E-06	2.08E-06	0.00E+00	1.97E-06
Trichlorofluoromethane	7.36E-05	3.15E-05	3.93E-06	3.95E-05	2.86E-05	0.00E+00	2.95E-05
Vinyl chloride	5.80E-03	6.69E-04	4.53E-05	1.21E-03	1.22E-03	3.43E-04	1.55E-03

Note (1): A sixth set of field samples was obtained as a precaution. Laboratory analysis for the day samples was not completed prior to demobilization and there were concerns that a considerable amount of day samples would be analyzed without conforming to method QA/QC criteria, attempting to determine proper dilution levels and instrument ranges for the samples.

Table 4.10.2

AASI

Volatile Organic Compounds Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
1,1,1,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	3.21E-06
1,1,1-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	3.91E-06
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3-Trichlorobenzene	0.00E+00	0.00E+00	4.00E-05	0.00E+00	1.13E-04	3.06E-05
1,2,3-Trichloropropane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-Trichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	5.73E-06
1,2,4-Trimethylbenzene	1.96E-03	1.37E-04	2.52E-04	2.46E-04	6.29E-04	6.45E-04
1,2-Dibromo-3-chloropropane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dibromoethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethane	9.69E-04	2.30E-04	2.03E-04	1.65E-04	4.89E-04	4.11E-04
1,2-Dichloropropane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3,5-Trimethylbenzene	1.55E-03	1.17E-04	1.86E-04	1.50E-04	5.94E-04	5.18E-04
1,3-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	3.91E-06
1,3-Dichloropropane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05
2,2-Dichloropropane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	1.99E-03	0.00E+00	8.45E-03	5.66E-03	3.22E-03
2-Chlorotoluene	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05
2-Hexanone	2.52E-03	6.93E-04	1.26E-04	3.87E-04	0.00E+00	7.46E-04
4-Chlorotoluene	0.00E+00	0.00E+00	0.00E+00	2.46E-05	7.69E-05	2.03E-05
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	2.90E-01	7.07E-02	8.98E-02	4.76E-02	1.93E-01	1.38E-01
Bromobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromochloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	3.76E-04	3.16E-04	4.05E-04	1.50E-04	4.89E-04	3.47E-04
Carbon disulfide	0.00E+00	0.00E+00	1.22E-04	6.77E-05	6.66E-04	1.71E-04
Carbon tetrachloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	1.79E-03	2.24E-04	2.59E-04	9.68E-05	8.28E-04	6.40E-04
Chlorodibromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroethane	1.91E-03	1.12E-03	1.15E-03	5.19E-04	1.07E-03	1.15E-03
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05	4.75E-06
Chloromethane	4.59E-03	2.83E-03	2.29E-03	2.58E-03	2.03E-03	2.87E-03
cis-1,2-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dichlorodifluoromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	7.11E-02	1.32E-02	1.38E-02	8.63E-03	3.86E-02	2.91E-02

Table 4.10.2 Continued

AASI

Volatile Organic Compounds Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Analyte	Run N1	Run N2	Run N3	Run N4	Run N5	Average
	Date 4/25/2016	Date 4/26/2016	Date 4/27/2016	Date 4/28/2016	Date 4/29/2016	
	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate	Emission Rate
	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second	Grams/Second
Hexachlorobutadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isopropylbenzene	4.80E-03	6.02E-04	9.25E-04	5.54E-04	2.73E-03	1.92E-03
Methylene chloride	3.80E-03	1.32E-03	1.18E-03	3.62E-03	2.80E-03	2.54E-03
m-Xylene & p-Xylene	1.24E-02	2.11E-03	1.68E-03	1.50E-03	4.04E-03	4.34E-03
Naphthalene	7.85E-03	3.64E-04	1.21E-03	8.80E-04	3.21E-03	2.70E-03
n-Butylbenzene	1.82E-03	1.44E-04	3.62E-04	2.73E-04	8.52E-04	6.90E-04
n-Propylbenzene	2.96E-03	2.65E-04	4.77E-04	4.05E-04	1.12E-03	1.05E-03
o-Xylene	7.43E-03	1.05E-03	1.10E-03	1.09E-03	2.49E-03	2.63E-03
p-Isopropyltoluene	5.21E-04	3.09E-05	5.42E-05	4.40E-05	2.24E-04	1.75E-04
sec-Butylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	2.66E-05
Styrene	1.82E-01	1.50E-02	3.28E-02	2.02E-02	1.05E-01	7.10E-02
tert-Butylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	3.07E-06
Toluene	1.09E-01	3.16E-02	2.91E-02	1.66E-02	6.58E-02	5.04E-02
trans-1,2-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichlorofluoromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl chloride	4.24E-04	1.23E-04	1.38E-04	1.71E-04	3.35E-04	2.38E-04

4.11 Summary of Aldehyde Results

Table 4.11.1 presents a summary of acetaldehyde emissions (day sampling).

Table 4.11.2 presents a summary of acetaldehyde emissions (night sampling).

Table 4.11.3 presents a summary of formaldehyde emissions (day sampling).

Table 4.11.4 presents a summary of formaldehyde emissions (night sampling).

Table 4.11.5 presents a summary of propionaldehyde emissions (day sampling).

Table 4.11.6 presents a summary of propionaldehyde emissions (night sampling).

Table 4.11.1

AASI

Acetaldehyde Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016

Day Sampling

Run			Acetaldehyde Emissions			Volumetric Flow Rates	Sample Volume	
Date	**Number**	**Time (EDT)**	**Recovered Mass (ug)**	**Grams/DSCF**	**Grams / Second (Average)**	**SCFMD**	**Liters**	**DSCF**
4/18/2016	D1-A D1-B	16:33 18:02	252 292	2.44E-04 2.61E-04	0.51	120848	29.23 31.63	1.03 1.12
4/19/2016	D2-A D2-B	8:48 9:48	35 29	3.30E-05 2.62E-05	0.05	98551	30.26 31.47	1.07 1.11
4/20/2016	D3-A D3-B	12:29 13:29	80 72	7.79E-05 6.57E-05	0.12	100527	29.14 30.90	1.03 1.09
4/21/2016	D4-A D4-B(1)	11:59 13:41	133	1.25E-04	0.29	137491	30.09 31.50	1.06 1.11
4/22/2016	D5-A D5-B	9:39 10:39	79 88	7.53E-05 7.81E-05	0.09	73023	29.83 31.72	1.05 1.12
Average			**118**	**1.10E-04**	**0.21**	**106088**	**30.58**	**1.08**

Note (1): A run spike was performed during run 4. Only the nonspiked result is reported for emissions purposes.

Table 4.11.2

AASI

Acetaldehyde Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Run			Acetaldehyde Emissions			Volumetric Flow Rates	Sample Volume	
Date	**Number**	**Time (EDT)**	**Recovered Mass (ug)**	**Grams/DSCF**	**Grams/ Second (Average)**	**SCFMD**	**Liters**	**DSCF**
4/25/2016	N1-A	22:32	240	2.31E-04	0.41	104782	29.40	1.04
	N1-B	23:32	262	2.36E-04			31.43	1.11
4/26/2016	N2-A	17:27	234	2.28E-04	0.35	89404	29.09	1.03
	N2-B	18:27	266	2.35E-04			32.01	1.13
4/27/2016	N3-A(1)	21:43	59	5.23E-05	0.06	72499	28.84	1.02
	N3-B	22:43					32.10	1.13
4/28/2016	N4-A	21:36	55	5.39E-05	0.06	77662	28.84	1.02
	N4-B	22:36	50	4.38E-05			32.23	1.14
4/29/2016	N5-A(2)	21:01	105	1.01E-04	0.09	91877	29.33	1.04
	N5-B(2)	22:01	17	1.49E-05			32.28	1.14
Average(3)			**167**	**1.54E-04**	**0.22**	**87245**	**30.49**	**1.08**

Note (1): A run spike was performed during run 3. Only the nonspiked result is reported for emissions purposes.
Note (2): This run did not meet the duplicate precision criteria.
Note (3): The average emssions result reflects runs 1-4 runs. The fifth run precision was outside of acceptable limits.

Table 4.11.3

AASI

Formaldehyde Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016

Day Sampling

Run			Formaldehyde Emissions			Volumetric Flow Rates	Sample Volume	
Date	**Number**	**Time (EDT)**	**Recovered Mass (ug)**	**Grams/DSCF**	**Grams / Second (Average)**	**SCFMD**	**Liters**	**DSCF**
4/18/2016	D1-A	16:33	130	1.26E-04	0.28	120848	29.23	1.03
	D1-B	18:02	173	1.55E-04			31.63	1.12
4/19/2016	D2-A	8:48	20	1.89E-05	0.03	98551	30.26	1.07
	D2-B	9:48	17	1.49E-05			31.47	1.11
4/20/2016	D3-A	12:29	50	4.85E-05	0.08	100527	29.14	1.03
	D3-B	13:29	48	4.43E-05			30.90	1.09
4/21/2016	D4-A	11:59	63	5.92E-05	0.14	137491	30.09	1.06
	D4-B(1)	13:41					31.50	1.11
4/22/2016	D5-A	9:39	45	4.26E-05	0.05	73023	29.83	1.05
	D5-B	10:39	48	4.30E-05			31.72	1.12
Average			**66**	**6.14E-05**	**0.12**	**106088**	**30.58**	**1.08**

Note (1): A run spike was performed during run 4. Only the nonspiked result is reported for emissions purposes.

Table 4.11.4

AASI

Formaldehyde Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Run			Formaldehyde Emissions			Volumetric Flow Rates	Sample Volume	
Date	**Number**	**Time (EDT)**	**Recovered Mass (ug)**	**Grams/DSCF**	**Grams/Second (Average)**	**SCFMD**	**Liters**	**DSCF**
4/25/2016	N1-A	22:32	87	8.37E-05	0.15	104782	29.40	1.04
	N1-B	23:32	94	8.43E-05			31.43	1.11
4/26/2016	N2-A	17:27	86	8.35E-05	0.13	89404	29.09	1.03
	N2-B	18:27	101	8.93E-05			32.01	1.13
4/27/2016	N3-A(1)	21:43	20	1.79E-05	0.02	72499	28.84	1.02
	N3-B	22:43					32.10	1.13
4/28/2016	N4-A	21:36	24	2.35E-05	0.03	77662	28.84	1.02
	N4-B	22:36	22	1.95E-05			32.23	1.14
4/29/2016	N5-A(2)	21:01	25	2.44E-05	0.02	91877	29.33	1.04
	N5-B(2)	22:01	6	5.10E-06			32.28	1.14
Average(3)			**62**	**5.74E-05**	**0.08**	**87245**	**30.49**	**1.08**

Note (1): A run spike was performed during run 3. Only the nonspiked result is reported for emissions purposes.
Note (2): This run did not meet the duplicate precision criteria.
Note (3): The average emssions result reflects runs 1-4 runs. The fifth run precision was outside of acceptable limits.

Table 4.11.5

AASI

Propionaldehyde Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22, 2016

Day Sampling

Run			Propionaldehyde Emissions			Volumetric Flow Rates	Sample Volume	
Date	**Number**	**Time (EDT)**	**Recovered Mass (ug)**	**Grams/DSCF**	**Grams / Second (Average)**	**SCFMD**	**Liters**	**DSCF**
4/18/2016	D1-A	16:33	27	2.64E-05	0.06	120848	29.23	1.03
	D1-B	18:02	32	2.84E-05			31.63	1.12
4/19/2016	D2-A	8:48	4	3.96E-06	0.01	98551	30.26	1.07
	D2-B	9:48	3	2.83E-06			31.47	1.11
4/20/2016	D3-A	12:29	9	8.74E-06	0.01	100527	29.14	1.03
	D3-B	13:29	6	5.73E-06			30.90	1.09
4/21/2016	D4-A	11:59	14	1.33E-05	0.03	137491	30.09	1.06
	D4-B(1)	13:41					31.50	1.11
4/22/2016	D5-A	9:39	8	7.69E-06	0.01	73023	29.83	1.05
	D5-B	10:39	10	8.75E-06			31.72	1.12
Average			**13**	**1.18E-05**	**0.02**	**106088**	**30.58**	**1.08**

Note (1): A run spike was performed during run 4. Only the nonspiked result is reported for emissions purposes.

Table 4.11.6

AASI

Propionaldehyde Emissions Summary

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 25 - 29, 2016

Night Sampling

Run			Propionaldehyde Emissions			Volumetric Flow Rates	Sample Volume	
Date	**Number**	**Time (EDT)**	**Recovered Mass (ug)**	**Grams/DSCF**	**Grams/Second (Average)**	**SCFMD**	**Liters**	**DSCF**
4/25/2016	N1-A	22:32	24	2.26E-05	0.04	104782	29.40	1.04
	N1-B	23:32	26	2.32E-05			31.43	1.11
4/26/2016	N2-A	17:27	27	2.67E-05	0.04	89404	29.09	1.03
	N2-B	18:27	31	2.73E-05			32.01	1.13
4/27/2016	N3-A(1)	21:43	6	5.51E-06	0.01	72499	28.84	1.02
	N3-B	22:43					32.10	1.13
4/28/2016	N4-A	21:36	10	9.46E-06	0.01	77662	28.84	1.02
	N4-B	22:36	8	7.40E-06			32.23	1.14
4/29/2016	N5-A(2)	21:01	12	1.18E-05	0.01	91877	29.33	1.04
	N5-B(2)	22:01	3	2.43E-06			32.28	1.14
Average(3)			**19**	**1.75E-05**	**0.02**	**87245**	**30.49**	**1.08**

Note (1): A run spike was performed during run 3. Only the nonspiked result is reported for emissions purposes.
Note (2): This run did not meet the duplicate precision criteria.
Note (3): The average emssions result reflects runs 1-4 runs. The fifth run precision was outside of acceptable limits.

5.0 TESTING METHODOLOGY AND PROCEDURES

5.1 Sampling Points

USEPA Method 1, as published in 40 CFR, Part 60, Appendix A, was used as a guideline to determine the location of the traverse points for velocity measurements. The source did not meet USEPA Method 1 criteria for equivalent upstream and downstream diameters. The source exit area could not be extended to conform to USEPA Method 1 criteria, without disrupting regular operations. No alternative test location existed. A short stack was constructed with straightening vanes in order to make flow measurements. The stack was traversed over the source exit area at sixteen points. This test used a sampling matrix as described in USEPA Method 1 for velocity measurements. Velocity, moisture, temperature, and all compounds were measured from a sample duct that was constructed and operated at a single test point as described in Section 3.0. Velocity, temperature, and measurements for molecular weight were made at the location of the sample hood for the purpose of evaluating isokinetics of the sample duct.

5.2 Velocity and Volumetric Flow Rate

USEPA Method 2, as published in 40 CFR, Part 60, Appendix A, was used as the reference method to determine average gas velocity. A type "S" pitot tube and inclined manometer were used for velocity determination. Gas temperature was measured with a type K thermocouple. Calibration checks were performed on the pitot tube to verify the face opening alignments, external tubing diameter, and base-to-opening plane distances. A base-line coefficient of 0.84 was assigned to the pitot tube.

5.3 Oxygen and Carbon Dioxide

USEPA Method 3A, as published in 40 CFR, Part 60, Appendix A, was used as the reference method for determining oxygen (O_2) and carbon dioxide (CO_2) concentrations in the effluent gas stream. A Thermo Environmental Instruments Model 410i gas filter correlation non-dispersive infrared analyzer (GFC-NDIR) with paramagnetic oxygen sensor was used. Calibration gasses were selected so that measured emissions were between 20 and 100 percent of the high level gas, to the extent practicable.

5.4 Moisture

USEPA Method 4, as published in 40 CFR, Part 60, Appendix A, was used as the reference method to determine the moisture content of the gas stream by extracting the gas sample at a known and regulated rate through a glass condenser train. The condenser train consisted of the impinger portion of the sampling train. The gas sample was extracted through the impinger train (maintained at below 68° F in an ice bath) with a vacuum pump. The amount of gas sampled was measured with a calibrated dry gas meter. The amount of moisture collected during the test was gravimetrically determined and the amount of gas drawn, corrected to dry standard conditions, was determined. At least three moisture measurements were conducted per sampling day.

5.5 Filterable Particulate, Condensable Particulate, and Metals (PM, CPM, TSM)

USEPA Methods 5 and 29, as published in 40 CFR, Part 60, and USEPA Method 202 as published in Appendix A, 40 CFR, Part 51, were used as the reference methods to determine PM, CPM and Metal emissions from the source. The sample was withdrawn isokinetically from the source. PM was collected on a filter and pre-filter wash. CPM was collected in a series of dry impingers and on a filter maintained between 65º F and 85° F. Metals were collected in an aqueous acidic solution (5% HNO_3 / 10% H_2O_2) and with 0.1 HNO_3 rinses. The collected PM and CPM samples were returned to the lab where they were processed and then weighed. After weighing, PM and CPM samples were extracted and combined with the metal sample and sent to a laboratory for metals analysis by inductively coupled argon plasma spectroscopy. The following is a description of the sampling apparatus. Figure 5.5.1 is a diagram of the sampling train.

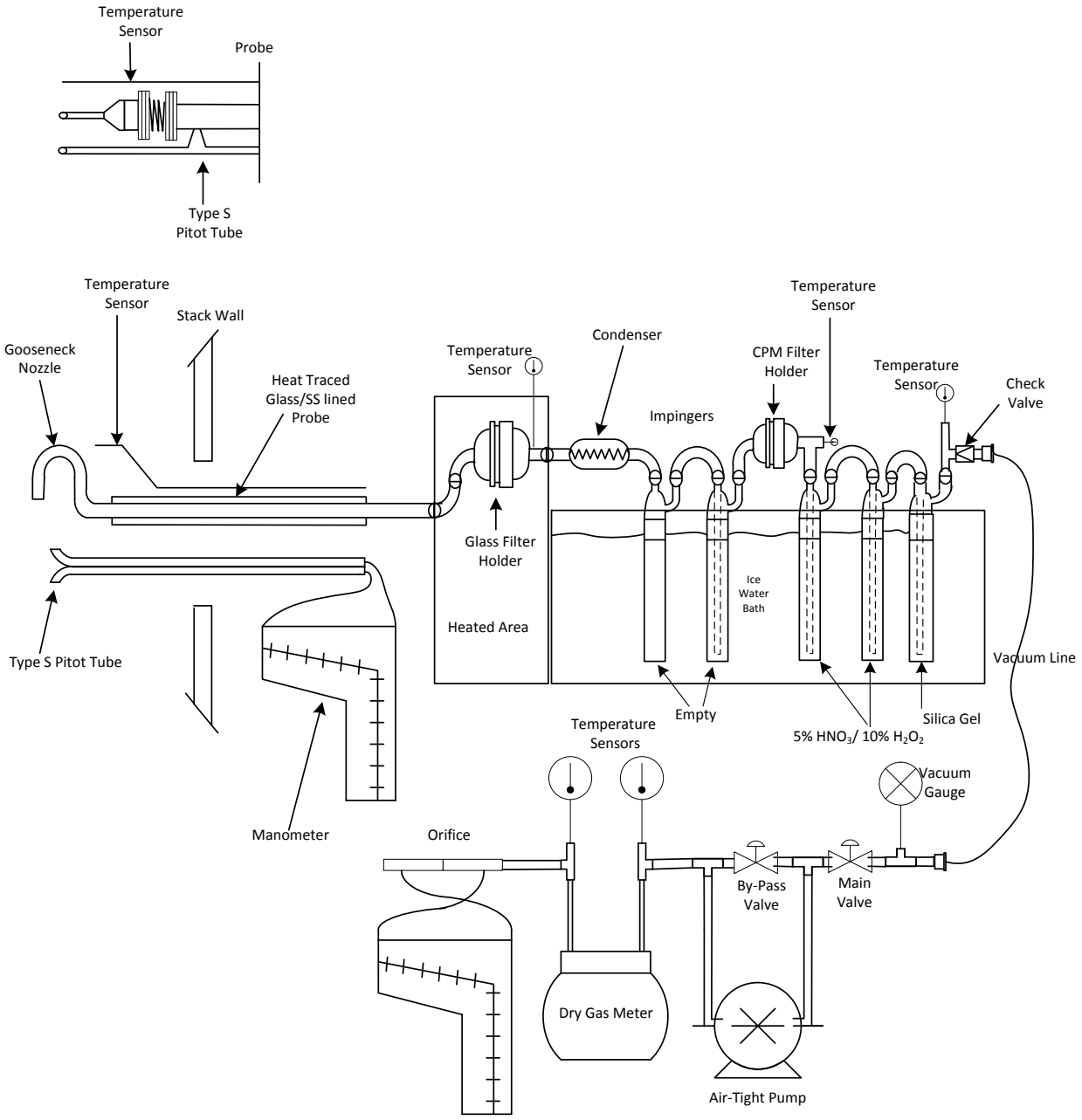
Sampling Apparatus:

1)	Probe Nozzle	Glass with sharp tapered leading edge.
2)	Probe	Stainless steel sheath with a 5/8" OD glass insert.
3)	Pitot Tube	Standard "type S", attached to the probe.
4)	Filter Holder (PM)	The filter holder was constructed of glass. The gasket was made of Teflon. The filter holder was designed to provide a positive seal against leakage from the outside or around the filter.
5)	Filter Holder (CPM)	The filter holder was constructed of glass. The gasket was made of Teflon. The filter holder was designed to provide a positive seal against leakage from the outside or around the filter.
6)	Condenser	Glass Method 23 type.
7)	Impingers	Five (5) glass impingers connected in series with glass ball joint fittings. The first was a dropout impinger with no bubbler tube. The second, third, fourth, fifth were of the Greenburg-Smith design modified by replacing the tip with a 1.3 cm (1/2 inch) Id glass tube extending to about ½ inch from the bottom of the flask. All were submerged in an ice bath during the sample runs. The first two impingers were empty. The third and fourth impingers contained 100 ml of 5%H_2O_2/10%HNO_3 and the fifth impinger contained approximately 400g of silica gel. A filter was inserted between the second and third impingers.

8)	Meter Box	Module containing a vacuum gauge, leak free pump, dry gas meter with a minimum of one percent accuracy, valves, and related equipment to maintain isokinetic sampling rate and determine sample volume.
9)	Barometer	Measured atmospheric pressure on-site to ±0.05 inches of mercury.
10)	Thermocouples	Type K thermocouples will be utilized to monitor temperatures for stack gas, filter, last impinger, and dry gas meter.
11)	Filters	PM-Teflon filter CPM- Teflon fiber filter

Figure 5.5.1

Method 5/202/29 Sampling



Impinger Contents:

1. Knockout Impinger, Empty
2. Modified Greenburg-Smith, Empty
3. Modified Greenburg-Smith, 100 ml 5%HNO3/ 10%H_2O_2
4. Modified Greenburg-Smith, 100 ml 5%HNO3/ 10%H_2O_2
5. Modified Greenburg-Smith, nominally 400g of Silica Gel

5.6 Sulfur Dioxide

USEPA Method 6C, as published in 40 CFR, Part 60, Appendix A, was used as the reference method for determining the SO_2 concentration in the effluent gas stream. A Thermo Environmental Instruments (TEI) Model 43i analyzer was used. Calibration gasses were selected so that measured emissions were between 20 and 100 percent of the high level gas, to the extent practical.

5.7 Total Reduced Sulfur

USEPA Method 16C, as published in 40 CFR, Part 60, Appendix A, was used as the reference method for determining the total reduced sulfur (TRS) concentration in the effluent gas stream. Prior to the analyzer, sample was passed through an SO_2 scrubber to remove SO_2, and then passed through a thermal oxidizer to oxidize H_2S and other TRS compounds to SO_2. An H_2S gas was used to evaluate the system performance and determine a system recovery factor. A Western Research Model 921 was used. Calibration gasses were selected so that measured emissions were between 20 and 100 percent of the high level gas, to the extent practical.

5.8 Oxides of Nitrogen

USEPA Method 7E, as published in 40 CFR, Part 60, Appendix A, was used as the reference method for determining the oxides of nitrogen (NO_x) concentration in the effluent gas stream. A TEI Model 42i chemiluminescence analyzer was used. Calibration gasses were selected so that measured emissions were between 20 and 100 percent of the high level gas, to the extent practical.

5.9 Carbon Monoxide

USEPA Method 10, as published in 40 CFR, Part 60, Appendix A, was used as the reference method for determining carbon monoxide concentration in the effluent gas stream. A Thermo Environmental Instruments Model 48 gas filter correlation non-dispersive infrared analyzer (GFC-NDIR) was used. Calibration gasses were selected so that measured emissions were between 20 and 100 percent of the high level gas, to the extent practical.

5.10 Total Hydrocarbon Compounds

USEPA Method 25A as published in 40 CFR, Part 60, Appendix A, was used as the reference method for determining total hydrocarbon compounds (THC) emissions. A continuous gas sample was extracted from the source through a heated sample line and filtered to a flame ionization analyzer (FIA). Results were reported as volume concentration equivalents of carbon. A VIG Industries Model 20 analyzer was used. USEPA Method 25A specifies calibration checks are performed hourly. To minimize data loss, scheduled calibration checks were performed before and after each 8 hour sample run. Calibration gasses were selected so that instrument span was between 150 and 250 percent of the measured emissions, to the extent practical.

5.11 Dioxin and Furans, PCB, PAH, SVOC's

USEPA Method 23, as published in 40 CFR, Part 60, Appendix A, was used to measure dioxin and furan concentrations. This sampling train also measured PCB's, PAH's, and SVOC's utilizing USEPA SW846-0010. The front and back half fractions were combined into one analysis for D/Fs. A separate rinse was conducted to ensure complete collection of D/F and also combined front and back half fractions for a single analysis. PAHs, PCBs and, SVOC's were analyzed in three fractions in accordance with Method SW846-0010. The sampling system is shown in Figure 5.11.1 and is described below:

Sampling Apparatus:

1) Probe Nozzle — Glass with sharp tapered leading edge.

2) Probe — Stainless steel sheath with a 5/8" OD glass insert.

3) Pitot Tube — Standard "type S", attached to the probe.

4) Filter Holder — The filter holder was constructed of glass. The gasket was made of silicone rubber. The filter holder was designed to provide a positive seal against leakage from the outside or around the filter

5) Condenser — A glass coil-type condenser was placed between the filter and the dioxin trap. Ice water was used as the cooling fluid used in the condenser.

6) Absorbent Module — A preloaded container with the proper fittings to connect to the condenser. The trap was filled with XAD-2 that was cleaned according to methods specified in Section 3.1.2.1 of Method 23. The traps were spiked with 100µl of surrogate standard solution as specified in Section 4.1.1.2

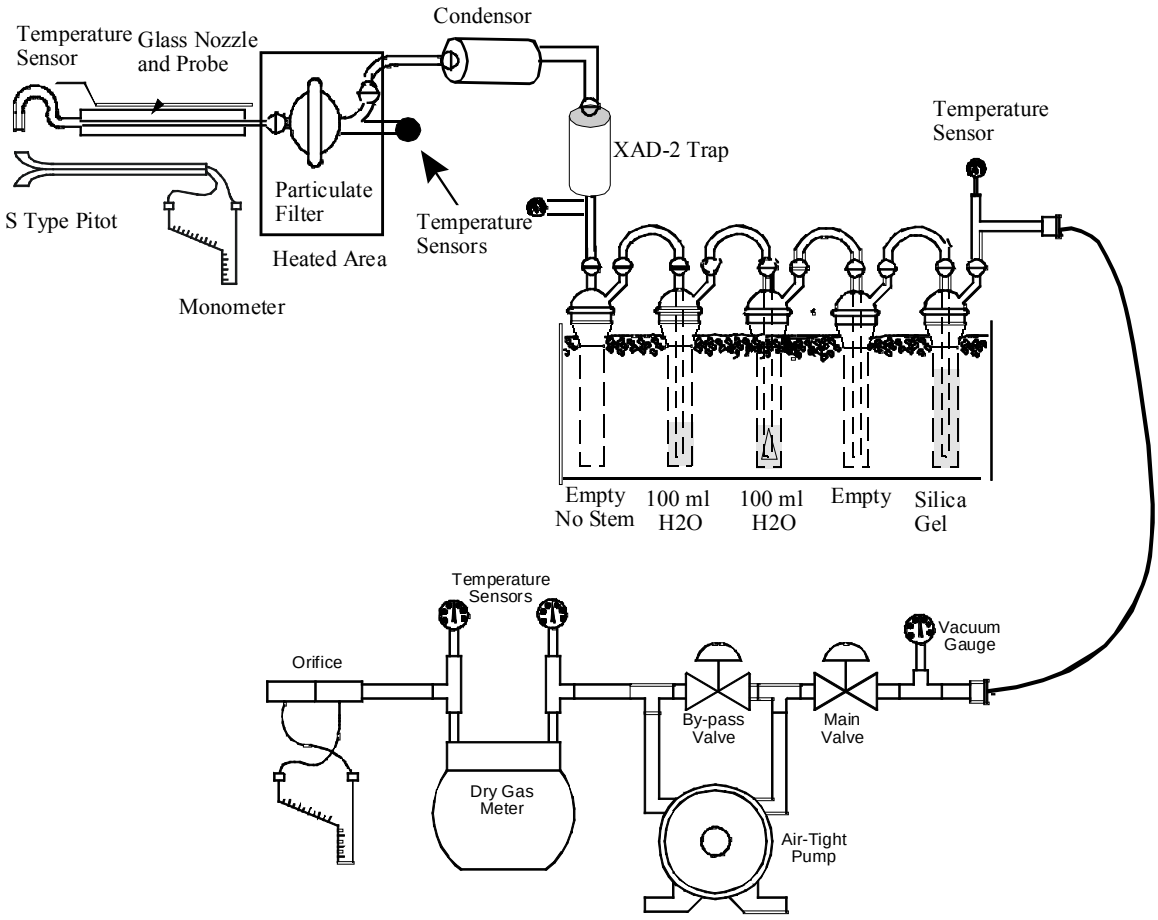
7) Impingers — Five impingers connected by leak-free ground glass fittings. The first impinger was a knockout impinger. The second, fourth, and fifth impingers were of the Greenburg-Smith design modified by replacing the tip with a 1.3 cm (1/2 inch) ID glass tube extending to about ½ inch from the bottom of the flask. The third impinger was a Greenburg-Smith design with a standard tip. The first impinger was empty. The second impinger and third impinger contained 100 ml of water. The fourth was empty. The fifth impinger contained ~400g silica gel.

8) Meter Box — Module containing a vacuum gauge, leak free pump, dry gas meter with a minimum of one percent accuracy, valves, and related equipment to maintain isokinetic sampling rate and to determine sample volume.

9)	Barometer	Aneroid type to measure atmospheric pressure on-site to ±0.05 inches of mercury.
10)	Thermocouples	Type K thermocouples will be utilized to monitor temperatures for stack gas, last impinger, and dry gas meter.

Figure 5.11.1

Method 23/SW846-0010 Sampling System

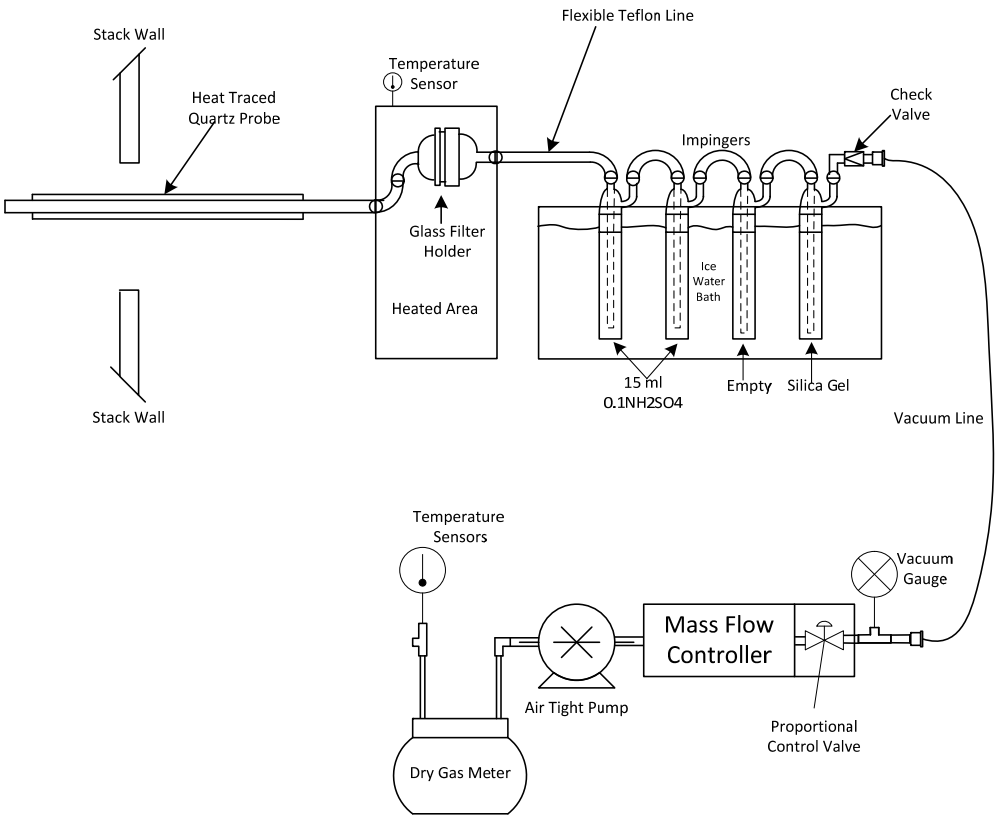


5.12 Hydrogen Chloride

USEPA Method 26, as published in 40 CFR, Part 60, Appendix A, was used to determine the hydrogen chloride concentration. An integrated sample was extracted from the source and collected in a dilute sulfuric acid solution (0.1N H_2SO_4). The impinger train did not collect chlorine, and therefore did not contain 0.1 NaOH as described in Method 26. The samples were collected and sent to a lab where they were analyzed for HCl by ion chromatography. The sampling system is shown in Figure 5.12.1

Figure 5.12.1

Method 26 Sampling System

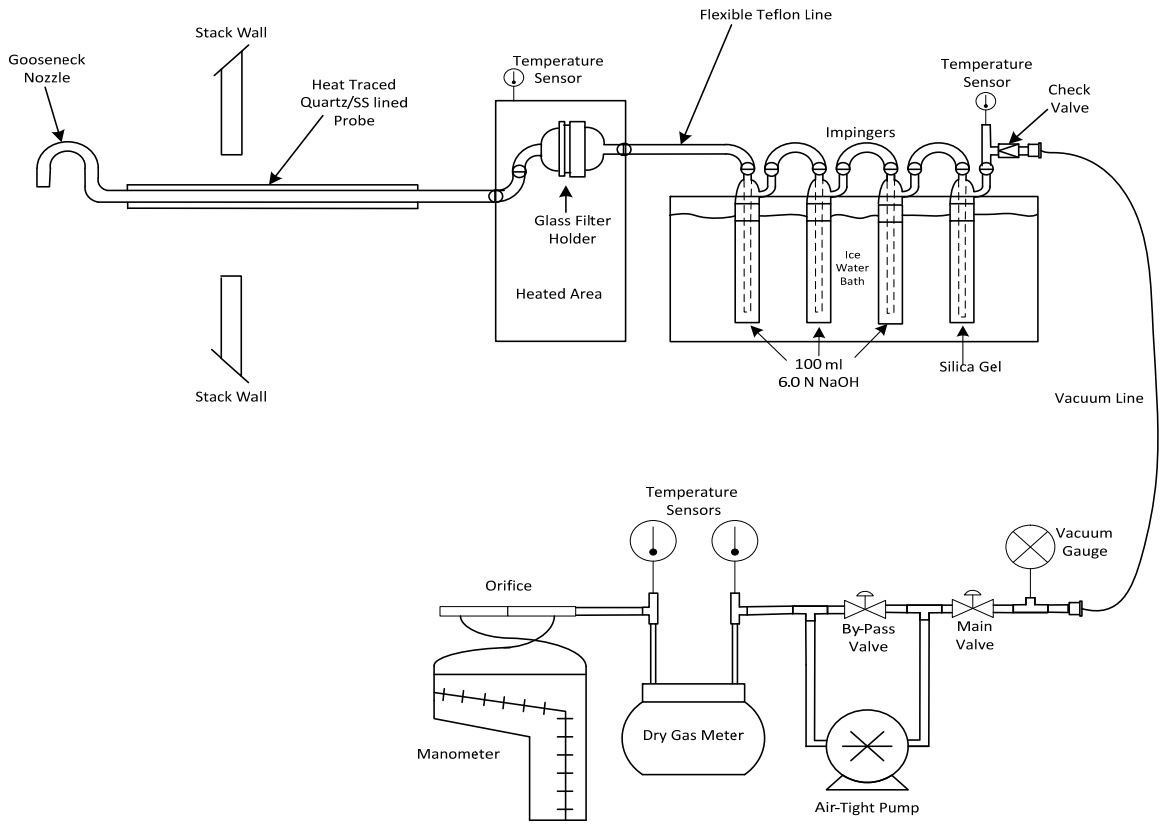


Impinger Contents:
1. Midget Impinger, 15 ml of 0.1N H2SO4
2. Midget Impinger, 15 ml of 0.1N H2SO4
3. Midget Impinger, Empty
4. Midget Impinger, Silica Gel

5.13 Hydrogen Cyanide

USEPA Other Test Method 29 (OTM 29) was used to determine the hydrogen cyanide concentration. A sample was withdrawn isokinetically from the source, particulate emissions were filtered and cyanide emissions were collected in 6.0 N NaOH solution. The samples were collected and sent to a lab where they were analyzed for HCN by ion chromatography. Field matrix spike levels were selected near the range of expected emissions, to the extent practical. The sampling system is shown in Figure 5.13.1.

Figure 5.13.1
OTM 29 Sampling System



Impinger Contents:
1. Modified Greenburg-Smith, 100 ml of 6.0 N NaOH
2. Modified Greenburg-Smith, 100 ml of 6.0 N NaOH
3. Modified Greenburg-Smith, 100 ml of 6.0 N NaOH
4. Modified Greenburg-Smith, 200-300g of Silica Gel

5.14 Mercury

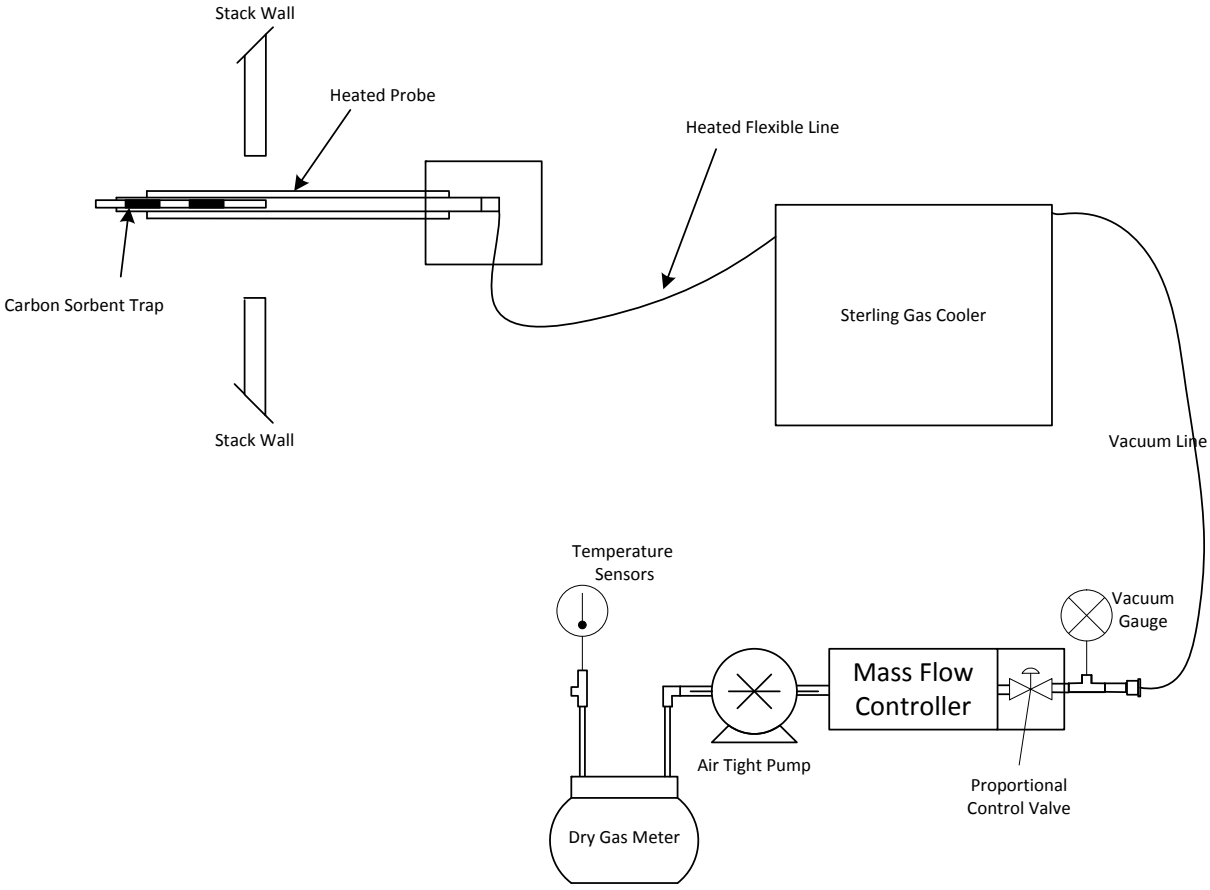
USEPA Method 30B was used as the reference method for measuring total vapor phase mercury (Hg) emissions from the source using sorbent trap sampling and an extractive or thermal analytical technique. This method measured the mass concentration of total vapor phase Hg in the flue gas. Total vapor phase Hg includes elemental Hg (Hg^0) and oxidized Hg (Hg^{+2}). Measurements were recorded in milligrams per dry standard cubic meters (mg/dsm^3). A schematic of the sampling system is provided in Figure 5.14.1.

A predetermined sample volume of flue gas was extracted from the exhaust through paired, in-stack sorbent traps at a set flow rate. The collection of mercury onto the in-stack sorbent traps avoids potential loss of mercury, which could occur during transport through a probe/sampling line set-up. The probe assembly contained paired sorbent traps mounted at the entrance to the probe ensuring direct sample gas entry. The recovered sorbent traps were collected and sent to a contract laboratory for analysis.

Spiked samples were prepared and analyzed with the samples to verify data acceptability. No existing data for mercury levels at this source existed prior to testing and spike levels were based on best available information. Actual emissions were considerably less than expected based on existing emissions factors. Because of this, precision for the paired traps could not be calculated. Only the non-spiked samples were used to calculate emissions.

Figure 5.14.1

30B Sampling System

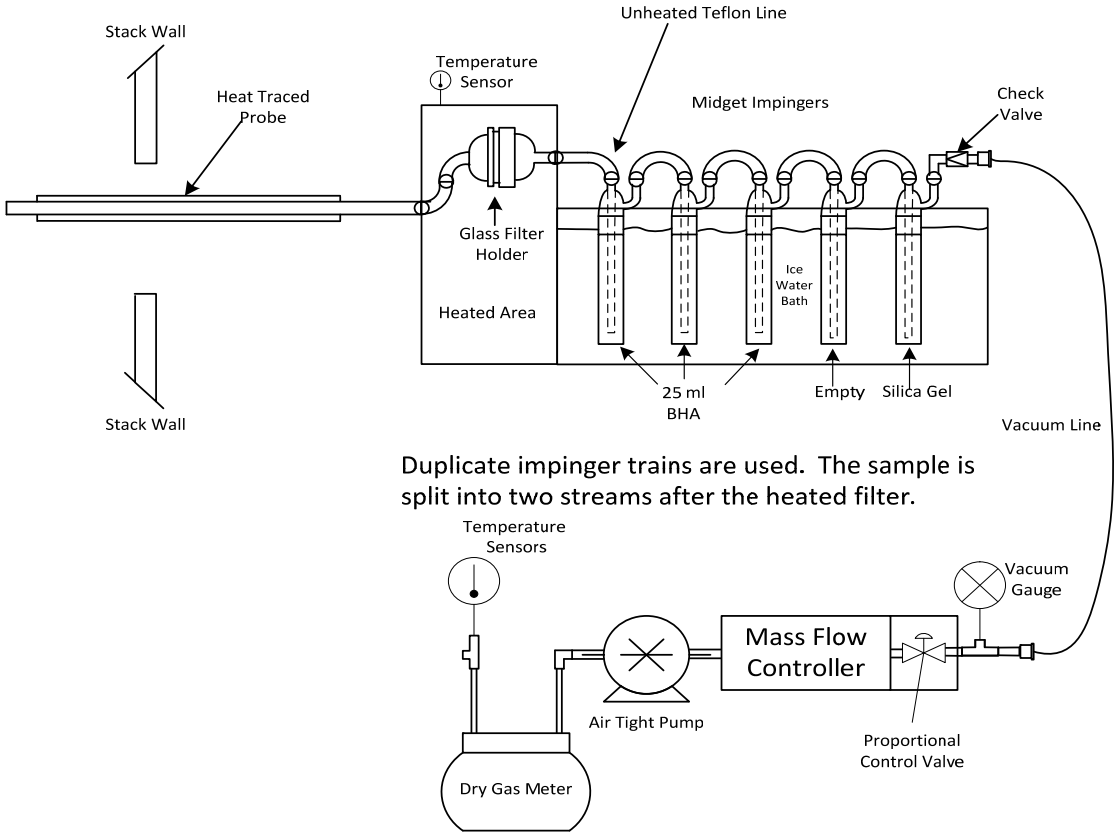


5.15 Aldehydes

NCASI Method 105.01 was used to determine emissions of aldehydes. An integrated sample was extracted from the source and collected in an o-benzyl hydroxylamine (BHA) solution. The samples were collected and sent to a lab where they were analyzed for formaldehyde, acetaldehyde, and propionaldehyde by gas chromatography. Field matrix spike levels were selected near the range of expected emissions, to the extent practicable. The sampling system is shown in Figure 5.15.1

Figure 5.15.1

NCASI Method 105.01 Sampling System



Impinger Contents:

1. Midget Impinger, 25 ml of BHA
2. Midget Impinger, 25 ml of BHA
3. Midget Impinger, 25 ml of BHA
4. Midget Impinger, Empty
5. Midget Impinger, Silica Gel

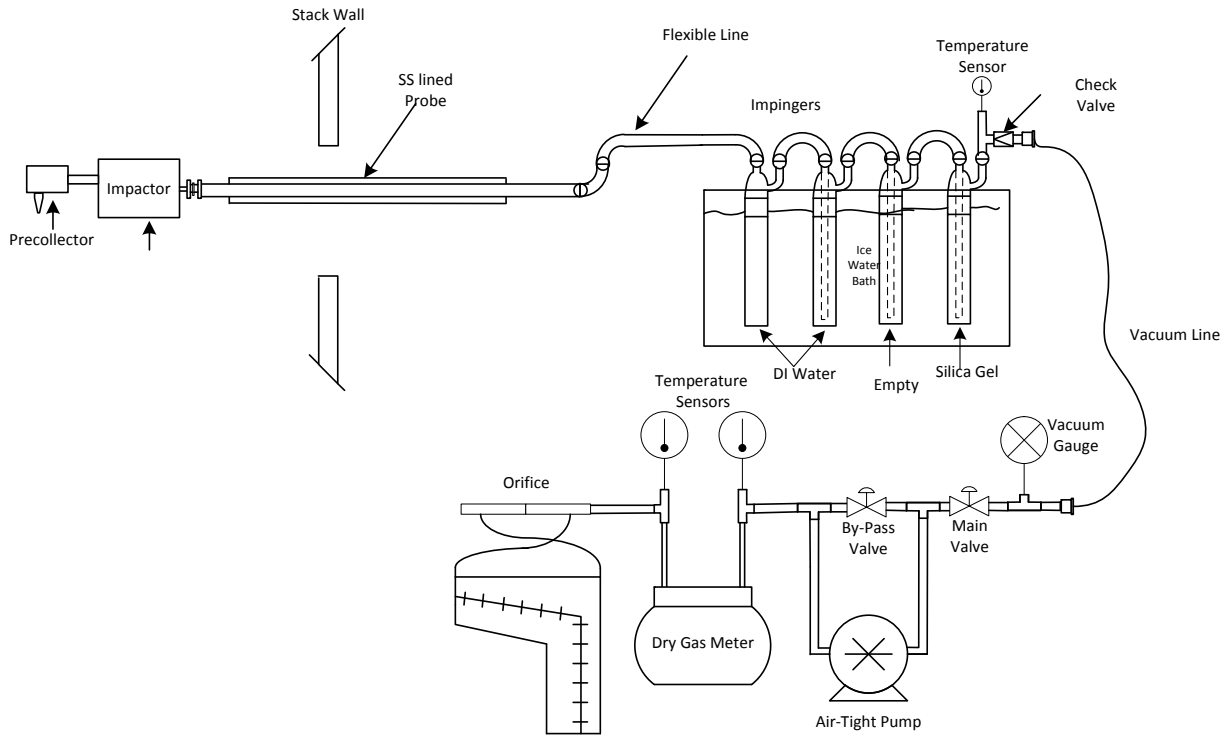
5.16 Particle Size Distribution

CARB Method 501 was used as a guideline to determine particle size distribution. A sample was withdrawn at a constant rate and collected in a multi stage impactor device. Particulate was collected from each stage in an acetone rinse. Samples for each stage were analyzed gravimetrically and a particle size distribution for the entire sample was determined. The sampling system is shown in Figure 5.16.1.

Additional particle size distribution analysis was determined microscopically by analyzing collected particulate. A scanning electron microscope was placed in automated mode and physically counted a sample of particles to establish a particle distribution based on the number of particles within certain size ranges. The shape of the individual particles was used to determine the physical volume. A mass distribution was determined based on the assumption that particles were of similar density. The particulate which was analyzed was collected isokinetically according to USEPA Method 5 as part of the hydrogen cyanide sampling system.

Figure 5.16.1

CARB Method 501 Sampling System



Impinger Contents:

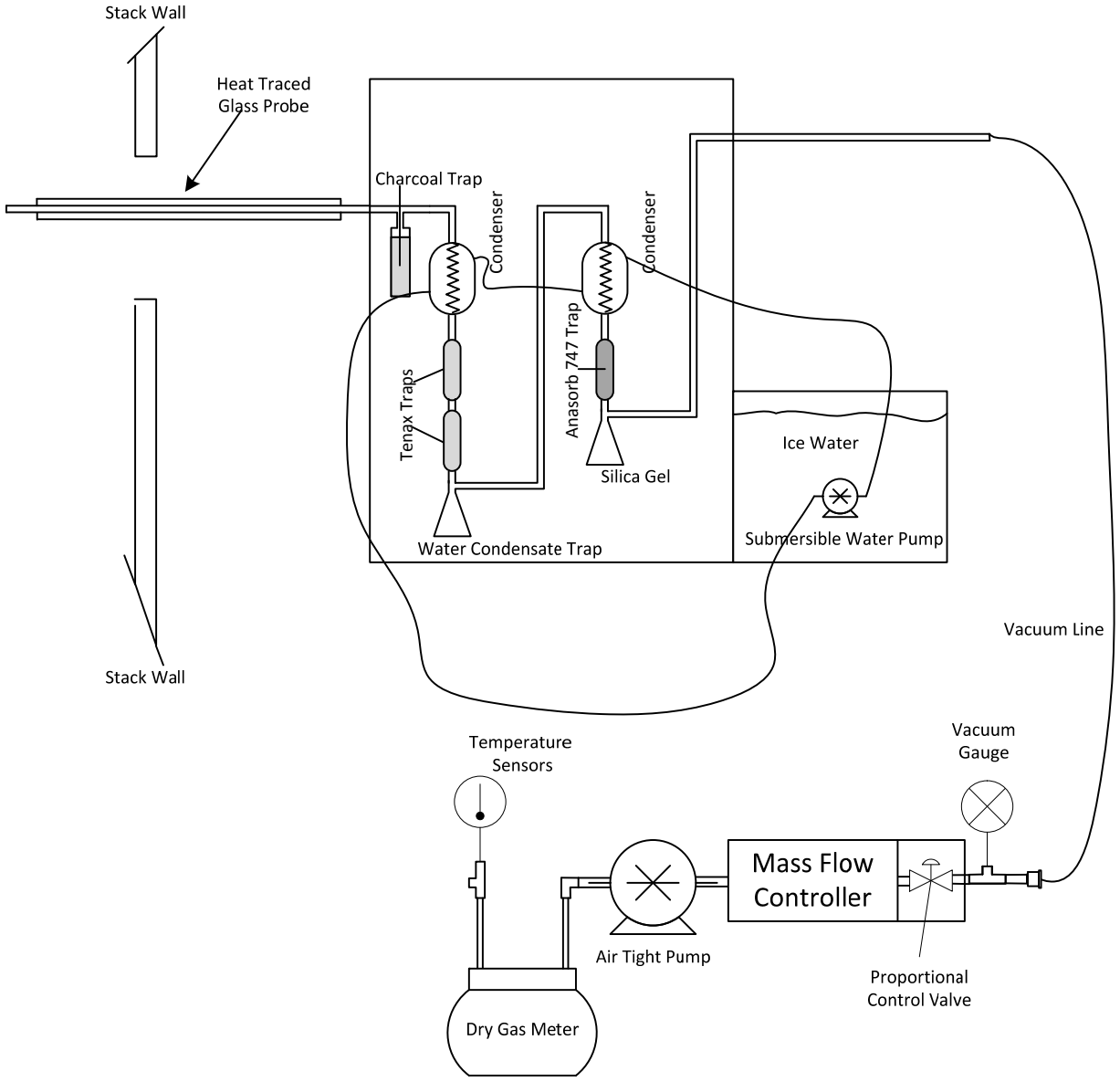
1. Modified Greenburg-Smith, 100 ml of DI Water
2. Standard Greenburg-Smith, 100 ml of DI Water
3. Modified Greenburg-Smith, Empty
4. Modified Greenburg-Smith, 200-300g of Silica Gel

5.17 Volatile Organic Compounds

USEPA SW846 Method 0031 was used to determine the emissions of various volatile organic compounds. An integrated sample was extracted from the source and collected on sorbent traps. No sample condensate was recovered during the sample runs. The samples were collected and sent to a lab where they were analyzed using gas chromatography-mass spectrometry. The sampling system is shown in Figure 5.17.1.

Figure 5.17.1

SW846-0031 Sampling System



6.0 TEST COMMENTS AND METHOD DEVIATIONS

6.1 General Notes

Due to high particulate loading, significant particulate matter was collected on the filters during several runs, causing a high pressure drop across the filter. It was necessary to change filters in the middle of a sample run to maintain the appropriate sampling rate. USEPA Method 5 Section 8.5.7 allows for such filter replacements. In all cases, system leak checks were performed before and after filter changes. Sample volumes were adjusted to exclude the volume of air which was metered during leak checks. When multiple filters were used for one run, all filters were included in analysis. The potential of biased results due to particulate loading was minimized by changing filters in order to maintain the appropriate sampling rate, including all filters in analysis, and adjusting the sample volume to account for the additional volume metered during leak checks.

Throughout the field data sheets, the source may be referred to as #3 or D-1. The "D-1" permanent marking was not discovered until the final days of testing. Prior to that, data sheets may reflect the source name as #3 or some other variation. All sampling was conducted on the same incinerator, which had the markings, "D" and "1" welded on the frame near the blower.

In many instances laboratory results were not detectable (ND). The summary tables in this report were calculated using zero when the lab results were ND. USEPA discusses several methods for handling non detect data but offers no definitive guidelines. All laboratory data is included in the appendices of this report. Ultimately the approach on how to report ND results must consider the potential risk of the associated compound, the potential impact of different reporting approaches, and other information that affects the likelihood of the substance to be present around the collection site.

6.2 Metals

The field blank analysis showed notable recovery for several metals. Sample collection was performed as specified in the sampling protocol. The USEPA testing method does not dictate allowable limits for these results. The results of blank measurements are used to correct the sample results when high background levels are noted in the blank samples.

Based on the actual results, no corrections were made. Therefore, the reported results may exhibit a high bias.

6.3 PM/CPM

During the night testing event, several impinger temperatures above 68°F were recorded. USEPA Method 5 suggests that the exit temperature in a sample train be maintained below 68°F and that the sample gas pass through a desiccant to ensure the moisture is completely removed from the sample gas. At the documented temperatures, the desiccant used is still effective. Ice and water were added to the impingers to decrease the temperature to 68°F. Because the

moisture content of the sample gas was very low the potential of a bias in either the moisture content measurement or the volume measurement is minimal.

6.4 Gas Monitoring

Gas monitoring was scheduled for 8 hours per day. Multiple filter changes and probe maintenance were necessary due to high particulate loading. Buildup of particulate matter on the sample probe filters resulted in a restriction of sample flow rate. Data was adversely affected when the total sample flow became too low to supply appropriate flow to all of the individual gas analyzers. When appropriate, 1 minute data has been removed from the daily averages and actual time may be less than 8 hours. Since any data that was impacted was removed from the daily averages, the reported data was not affected. The gas analyzers report continuous results, therefore reduction in sampling time does not adversely affect detection limits.

Actual THC emissions were greater than the measurement range specified in USEPA Method 25A. According to the method, the instrument span should be 1.5 to 2.5 times the expected concentration. For the day testing condition, average emissions were approximately 1.3 times the span value. During the night testing condition, average emissions were approximately 2.5 times the span value. The actual range of the analyzer was higher than the calibrated measurement range. Results above the calibrated range are based on an extrapolation of the calibration curve. Flame ionization detectors exhibit very linear responses over wide ranges and no significant effect on data quality is expected. On site corrective action would have required additional calibration standards which were not readily available.

6.5 Dioxin/Furans, PCBs, PAHs, and Semi Volatile Organics

Several samples exhibited total TCDD and TCDF above the calibration range, despite maximum dilution of the samples. Results for these samples are reported in the laboratory report with an "E" qualifier, as the result is estimated. No results were rejected.

Several internal standards and surrogate recoveries outside the QC limits were exhibited. According to USEPA Method 23, recovery outside the stated limit does not necessarily invalidate data. Data flags have been added where appropriate and a full explanation can be found in the laboratory report.

A sample run consisted of six distinct fractions. During shipping of the day testing condition samples, one sample was broken. An additional day condition run was conducted to complete five full day samples and the first day run is not included in the emissions summaries.

A single composite laboratory analysis of PCB, PAH, and SVOC samples was planned. Based on the samples received, the analytical laboratory recommended analysis of three separate fractions, a front half fraction consisting of the filter and rinse of glassware between the sample inlet and filter, a back half consisting of the resin trap and rinses between the filter and trap, and a condensate trap rinse consisting of the condensed water and recover rinses of the condenser glassware. The analysis of three separate fractions is in accordance with the standard method. The captured samples were not suitable for a single combined analysis, as they contained a relatively large amount of particulate matter collected in the front-half composites for each run. Coupled with the occurrence of excessive loading of semi-volatile organic compound content in these samples, compositing of these fractions would have resulted in severe losses of analytical information. Necessary dilution levels varied from as much as 2000 fold to 3 fold to deliver quantifiable results. Data quality is best at minimum dilution levels. If the samples had been combined, some fractions would have been diluted several hundred times further than required.

As an example, Dibenz(a,h)anthracene results for Night Run 2 were 1700 nanograms for the front half, while it was non detectable in the back half. Due to the 2000 fold dilution required for the back half samples, Dibenz(a,h)anthracene had a minimum detection limit of 3600 nanograms in the back half fraction. Had the samples been combined, the result would have been under the detection limit, even though a significant mass was recovered.

6.6 Mercury

USEPA Method 30B requires paired duplicates analyses for Mercury sorbent traps. The precision calculations were based on comparison of the two traps recovered per run. USEPA Method 30B also requires a field recovery test, where a sorbent trap is spiked with a known quantity prior to use in the field. Spike levels were calculated based on AP42 emissions factors. Laboratory results for mercury were significantly less than expected based on AP42 data. As a result, the recovered mass on the spiked and unspiked trap differ significantly. Precision cannot meaningfully be calculated as the results are on different orders of magnitude. Validation by USEPA 30B without results for precision is incomplete. No corrective action was possible as

analytical results were not received until several weeks after the completion of the sampling project.

6.7 Aldehydes

Samples arrived at the laboratory above 4°C as specified in the testing protocol. All quality assurance criteria were satisfied, with the exception of Run 5 of the night sampling. The duplicate relative percent difference did not meet acceptance criteria. Run N5 results are shown in the emission summaries, however is not reflected in the averages. Run N5 results could not be validated and therefore it is not recommended that this result be used. All other runs met acceptance criteria. No corrective action was possible as analytical results were not received until several weeks after the completion of the sampling project. All sampling data and laboratory results are included in Appendix J.

Post run leak checks for the aldehyde sampling trains were conducted at 5 inches of mercury or the highest vacuum recorded during sampling, whichever was greater.

6.8 Particle Size Distribution

Particle size distribution samples were scheduled for 2 hour runs. Due to high particulate loading, sample flow rates could not be maintained for this period of time. Runs were reduced to one hour or until the sampling rate could no longer be achieved. Because this test was measuring particulate, a reduction in run time due to high particulate did not adversely affect the minimum detection limits. A reduction in sampling time would not directly affect the size distribution.

Correlation of particle size distribution with opacity would be difficult as opacity was not quantified during testing. The observance of a plume in and of itself does not suggest any specific particle size distribution.

During cleanup for two runs, a discoloration of the impinger train was found. The discoloration suggested that some particles broke through the filter and were not represented in the final impactor stage results. The impinger contents were collected and analyzed gravimetrically for particulate matter and reported with the final stage results.

Cut size analysis was performed by a commercially available software, WinCIDRS. The cut size of the first stage was smaller than the second and third stages. The recovered particulate for the first three stages was combined and reported as the smaller, first stage cut diameter. The cut stage cut sizes determine the particle sizes used in the distribution. Because the second and third stage cut sizes were smaller than the first stage, many of the particles of that size would have already been removed at the earlier stage. Stage cut sizes are determined by the sampling velocity, nozzle size, and other test conditions. The method does not specify standard sizes for the stages.

After the testing was completed, additional particle size analysis was requested. Particulate filters that were collected as part of the hydrogen cyanide sampling train were sent to a laboratory for sizing analysis by scanning electron microscopy. A scanning electron microscope

was placed in automated mode and physically counted a sample of particles to establish a particle distribution based on the number of particles within certain size ranges. The shape of the individual particles was used to determine the physical volume. A mass distribution was determined based on the assumption that particles were of similar density.

The mass distribution was applied to the filterable particulate matter test results to develop an emission rate in a format comparable to the gravimetric particle size distribution results.

A significant difference in the sample collection method of the respective results is the temperature of the gas stream. The cascade impactor is not operated at a regulated temperature and is controlled by the stack temperature. The other analyzed samples were collected on a filter that was maintained at 248 ± 25 °F. The stack temperature varied with time from the ambient temperature to over 500 °F but was often significantly below 248 ± 25 °F. While the filtered particulate should exclude any condensable particulate matter, the impactor method does not handle condensable particulate matter in a uniform way. When the two sets of results are compared, consideration should be given to the effect of condensable particulate matter that was potentially collected using the cascade impactor sampling method.

The respective methods also differ when considering how the samples are handled prior to analysis. The cascade impactor separates the particle by size during collection. The samples are extracted and handled according to their size at time of collection until the final analysis. The filtered particulate is collected on a filter as a single sample and remains there until the analysis is performed. There is potential for the physical characteristics of the particles to change prior to the analysis, through coagulation, evaporation, oxidation, or other mechanisms.

6.9 Volatile Organic Compounds

High levels of acetone and methylene chloride were detected in the condensate field blank samples. Acetone and methylene are commonly used in emissions testing and, due to a high likelihood of contamination, results for acetone and methylene chloride are not reported. No sample condensate was collected during any sample run.

Four sets of samples were collected for every test run. Standard procedure is to analyze three sets, and archive the fourth set as a backup set in the case of tube breakage or data loss. For the day testing condition, all sets of samples were analyzed, to establish appropriate instrument ranges. This has no adverse effect on the results.

As a precaution, a 6^{th} set of day samples was collected. The laboratory analysis for the day samples was not completed prior to demobilization and the laboratory had consumed multiple samples determining proper dilution levels and instrument ranges. It was unknown how many samples might be used, and if five complete sets of samples that conformed to method QA/QC criteria would be available, so an additional sample set was recovered.

Due to high concentration of organics in the samples, results could not be quantified for all sample sets. Subsequent sample sets were diluted as necessary in order to obtain results. Because multiple sets of samples were collected for each run, reportable results were obtained

for all runs. Where no analytical results exist for a set of samples, adjustments have been made to field sample volumes so that concentrations are not biased.

Five sets of samples were damaged in shipping or lab preparation and could not be analyzed. Two runs only had 2 sets of samples available for analysis. This has been accounted for in the emissions summaries and is elaborated on in the laboratory report narrative.

6.10 Hydrogen Chloride

Post run leak checks for the hydrogen chloride sampling trains were conducted at 5 inches of mercury, or the highest vacuum recorded during sampling, whichever was greater.

7.0 DATA QUALITY INDICATORS

7.1 Quality Objectives

The objectives of AASI's test program is to produce data that are complete, representative, and of known precision and accuracy. Data Quality Objectives were established in the sample plan. Unless otherwise noted, AASI data quality objectives are summarized below:

- Complete the test program under the planned process operating conditions.
- Complete the planned number of test runs, and complete each run for the planned duration.
- Complete the test program within the range of the test method.
- Complete the test program in accordance with the published (or otherwise established) method performance criteria.
- Complete the test program by collecting all required quality control data.
- Obtain quality control data that are within acceptable limits.

Failure to achieve data quality objectives does not automatically mean that the test program was unsuccessful or that the test program data are not valid. Instead, it often means that additional effort was required to qualify and explain the data. In these cases, AASI's Quality Assurance Manager and Technical Director reviewed the data relative to data quality objectives and presented test program results accordingly.

7.2 Completeness

Completeness is the percentage of the required field testing, laboratory measurements, and all necessary documentation that was achieved. It is our policy to promote a systematic, detailed and documented approach to completeness.

Five day and five night field samples were collected for twenty one parameters. An additional 35 QA samples were collected. For the entire test, 245 samples were planned. Many of the samples provided results for a class of compounds, or a complete set of isomers of a particular compound. One sample could provide results for between 1 and 341 chemicals of concern. For the seventeen parameters, results were provided for 437 chemicals of concern.

During field testing, one sample was invalidated during the recovery of the sample. This run was immediately repeated and the sample replaced. Prior to demobilization, it was discovered that one sample was broken during the first sample shipment. A replacement sample was obtained while on site.

During the testing event all 245 planned samples were collected. All necessary documentation of the sampling was achieved for all 245 samples.

For several samples, validation is not completed in the field and is instead based on laboratory results. Based on laboratory results one sample was invalidated due to not meeting QA/QC criteria. Results were not available prior to demobilization and no replacement sample could be

obtained. The average emissions results do not include this sample, however all field and laboratory data has been included in the appendices of this report.

Validation of the mercury samples was not completed due to a large discrepancy in the actual results when compared to the expected results that were used to prepare the analytical spike samples.

Completeness for this test was calculated as follows:

$\%C = 100 (n_v / n)$

Where: %C = percent completeness
n_v = number of valid measurements
n = total number of planned measurements

For the entire test, 234 of 245 valid measurements were completed. This results in completeness of 96% for the project.

During field testing, one sample was invalidated during the recovery of the sample. This run was immediately repeated and the sample replaced. Prior to demobilization, it was discovered that one sample was broken in shipping. A replacement sample was obtained while on site.

One sample was invalidated due to not meeting QA/QC criteria. Results were not available prior to demobilization and no replacement sample could be obtained. The average emissions results do not include this sample, however all field and laboratory data has been included in the appendices of this report.

7.3 Precision

Precision is a measure of agreement among two or more determinations of the same parameters under similar conditions. Although multiple field measurements were made for all parameters, the conditions cannot be assumed to be similar enough to calculate precision for the replicate sample runs.

The sampling methods that were followed only included duplicate samples to be collected for the Aldehyde and Mercury samples.

Results for precision are given below:

Parameters	Reference Methods	Relative Percent Difference	Results
Mercury (Hg)	USEPA Method 30B	≤10% for Hg concentrations > 1 µg/dscm	Incomplete[1]
		≤20% for Hg concentrations ≤1 µg/dscm (alternatively, agreement within 0.2µg/dscm are acceptable)	
Aldehydes[2]	NCASI 105.01	≤50% for concentrations < 0.5ppmvd	18.5%
		≤40% for concentrations between 0.5 and 1.5 ppmvd	11.8%
		≤30% for concentrations > 1.5ppmvd	6.9%

Note [1]: Spike levels were calculated based on AP42 emissions factors. Laboratory results for mercury were significantly less than expected based on AP42 data. As a result, the recovered mass on the spiked and unspiked trap differ significantly. Precision cannot meaningfully be calculated as the results are on different orders of magnitude.

Note [2]: Average of 9 runs. The fifth night sample did not meet precision criteria and results have been omitted from emissions summaries. All other runs meet criteria when evaluated individually.

7.4 Accuracy

Accuracy is the degree of agreement between a measured value and the true, expected, or accepted value. It is frequently expressed in terms of percent recovery (%R) whether standard reference materials (SRM) or spiked samples are used.

Recovery results for accuracy are given below:

Parameters	Reference Methods	Recovery Limits	Results	Acceptable? (Y/N)
Mercury (Hg)	USEPA Method 30B	Average recovery between 85% and 115%	94%	Yes
Aldehydes(1)	NCASI 105.01	50% - 150% for concentrations < 0.5ppmvd	85%	Yes
		60% - 140% for concentrations between 0.5 and 1.5 ppmvd	86%	Yes
		70% - 130% % for concentrations > 1.5ppmvd	90%	Yes
TRS(2)	USEPA 16C	80% - 120%	94%	Yes
NOx(2)	USEPA 7E	95% - 105%	102%	Yes
SO_2(2)	USEPA 6C	95% - 105%	96%	Yes
CO_2(2)	USEPA 3A	95% - 105%	100%	Yes
O_2(2)	USEPA 3A	95% - 105%	100%	Yes
CO(2)	USEPA 10	95% - 105%	101%	Yes
TOC(2)	USEPA 25A	95% - 105%	100%	Yes
HCN	USEPA OTM 29	80% - 120%	83%	Yes
D/F(3)	USEPA 23	70% - 130%	86%	Yes
PCB's, PAH's, and SVOC's(4)	SW846-0010	Variable	See note (4)	See note (4)

Note (1): Average of the day and night spike recovery. Both spikes also meet the criteria when evaluated individually.

Note (2): Average of all system bias checks. All bias checks also meet the criteria when evaluated individually.

Note (3): Average of all runs, and all spike surrogates. All spiked surrogates also meet the criteria when evaluated individually.

Note (4): Acceptable limits vary by compound to as much as 30% to 120%. A total of 16 were outside of the stated acceptable limits. A full list of recoveries can be found in the laboratory report.

APPENDICES

APPENDIX A	VOLUMETRIC FLOW DATA
APPENDIX B	PARTICULATE, CONDENSABLE PARTICULATE, AND METALS EMISSIONS DATA
APPENDIX C	PARTICLE SIZE EMISSIONS DATA
APPENDIX D	GASEOUS EMISSIONS DATA
APPENDIX E	DIOXIN/FURANS, PCB, PAH, AND SVOC EMISSIONS DATA
APPENDIX F	HYDROGEN CHLORIDE EMISSIONS DATA
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APPENDIX L	AASI LABORATORY ACCREDITATION
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APPENDIX A

VOLUMETRIC FLOW DATA

Example Calculations

Run Summaries

Field Data Sheets

Pitot Tube Calibrations

Magnehelic Calibration

Thermocouple Calibrations

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Example Calculations, Flow - Run D1

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 19, 2016**

1. **Stack Pressure (P_s)**

$$P_s = P_{bar} + (P_g / 13.6)$$

Example.	P_{bar}	=	29.95	**P_s**	=	**29.95**	**in. Hg.**
	P_g	=	0.03				

2. **Dry Stack Gas, volume fraction (B_{wd})**

$$1 - B_{ws}$$

Example.	B_{ws}	=	0.020	**B_{wd}**	=	**0.980**

3. **Molecular Weight of Stack Gas, Dry, (M_d).**

$$(0.44 \times \%CO2) + (0.32 \times \%O2) + (0.28 \times \%N2) + (0.28 \times \%CO)$$

Example.	CO2	=	0.2	**M_d**	=	**28.86**
	O2	=	20.8			
	N2	=	79.0			
	CO	=	0			

4. **Molecular Weight of Stack Gas, Stack Conditions, (M_s).**

$$M_d \times B_{wd} + 18.0 \times B_{ws}$$

Example.	M_d	=	28.86	**M_s**	=	**28.65**
	B_{wd}	=	0.980			
	B_{ws}	=	0.020			

5. **Specific Gravity of Gas, Relative to Air, (G_s)**

$$M_S / 28.99$$

Example.	M_s	=	28.65	**G_s**	=	**0.988**

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Example Calculations, Flow - Run D1

Facility		**Naval Station Guantanamo Bay**		**Source**		**Air Curtain Incinerator D-1**	
Location		**Guantanamo Bay, Cuba**		**Date**		**April 19, 2016**	

6. **Velocity of Stack Gas, as feet per minute, (v_s).**

$$= (K_p \times C_p \times (\Delta p_{avg})^{.5} \times (T_{s(abs)} / (P_s \times M_s))^{.5}) \times 60$$

Example.	C_p	=	0.84	v_s	=	**696.0**	**FPM**
	$(\Delta p_{avg})^{.5}$	=	0.1812				
	$T_{s(abs)}$	=	682.2				
	P_s	=	29.95				
	M_s	=	28.65				
	K_p	=	85.49				

7. **Actual Stack Gas Flow Rate (Q_s).**

$$= A \times v_s$$

Example.	v_s	=	696.0	Q_s	=	**159148**	**ACFM**
	A	=	228.653				

8. **Actual Stack Gas Flow Rate, Dry (Q_d)**

$$= Q_s \times B_{wd}$$

Example.	Q_s	=	159148	Q_d	=	**155970**	**ACFMD**
	B_{wd}	=	0.980				

9. **Stack Gas Flow Rate, Standard Temperature and Pressure, Dry, ($Q_{d(std)}$)**

$$= Q_d \times ((T_{std} \times P_s) / (P_{std} \times T_{s(abs)}))$$

Example	Q_d	=	155970	$Q_{d(std)}$	=	**120848**	**SCFMD**
	P_s	=	29.95				
	$T_{s(abs)}$	=	682.2				
	P_{std}	=	29.92				
	T_{std}	=	528				

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Example Calculations, Flow - Run D1

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 19, 2016**

10. **Stack Gas Flow Rate, Standard Temperature and Pressure ($Q_{s(std)}$)**

$$= Q_{d(std)} / B_{wd}$$

$Q_{d(std)}$	=	120848	$Q_{s(std)}$	=	**123310**	**SCFMW**
B_{wd}	=	0.980				

Constants

T_{std}	=	**528 °R**	K_p	=	**85.49**	**Velocity equation constant**
P_{std}	=	**29.92 inches Hg**				

Variables

A	=	**Stack Area (ft^2)**	Q_d	=	**Actual Stack Gas Flow Rate, ACFMD**
B_{ws}	=	**Moisture in stack gas, volume fraction**	$Q_{s(std)}$	=	**Stack Gas Flow Rate Wet, SCFMW**
B_{wd}	=	**Dry Stack Gas, volume fraction**	$Q_{d(std)}$	=	**Stack Gas Flow Rate, SCFMD**
C_p	=	**Pitot Correction Factor**	$T_{s(abs)}$	=	**Stack Temp (degrees R)**
M_d	=	**Molecular Weight of Stack Gas (Dry Basis)**	v_s	=	**Average Stack Velocity, FPM**
M_s	=	**Molecular Weight of Stack Gas (Stack Basis)**	$(\Delta p_{avg})^{\wedge}0.5$	=	**Avg of SQRT of V.H.**
n	=	**Number of Points**	Θ	=	**Total Time (minutes)**
P_{bar}	=	**Barometric Pressure (inches Hg)**			
P_g	=	**Static Pressure**			
P_s	=	**Stack Pressure (inches Hg)**			
Q_s	=	**Actual Stack Gas Flow Rate, ACFM**			

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Flow Run D1	
Facility	Naval Station Guantanamo Bay	
Location	Guantanamo Bay, Cuba	
Source	Air Curtain Incinerator D-1	
Date	04/19/16	
Run Number	D1	
Start Time	13:40	
Finish Time	14:05	
Weather	Clear	
Total Time (minutes) (Θ)	25.0	
Number of Points (n)	16	
Barometric Pressure (inches Hg) (P_{bar})	29.95	
Static Pressure (inches H_2O) (P_g)	0.03	
Stack Diameter (inches) (D)	326	101
Pitot Factor (C_p)	0.84	
Moisture Fraction (B_{ws})	0.020	
Carbon Dioxide (%)	0.2	
Oxygen (%)	20.8	
Carbon Monoxide (%)	0.0	
Nitrogen (%)	79.0	

Field Data Points - Flow Run D1

Port	Trav. Pt.	Velocity Head (inches H_2O)		Stack Temperature (^oF)		Square Root of Velocity Head
1	**1**	0.050		199		0.2236
	2	0.030		139		0.1732
	3	0.030		139		0.1732
	4	0.030		119		0.1732
2	**1**	0.020		319		0.1414
	2	0.040		320		0.2000
	3	0.030		316		0.1732
	4	0.000		242		0.0000
3	**1**	0.050		270		0.2236
	2	0.050		291		0.2236
	3	0.050		277		0.2236
	4	0.030		269		0.1732
4	**1**	0.050		158		0.2236
	2	0.040		167		0.2000
	3	0.030		168		0.1732
	4	0.040		162		0.2000

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Volumetric Flow Calculations Worksheet

Flow Summary Run D1

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Run Date**	4/19/2016
Start Time	13:40	**Weather**	Clear
Finish Time	14:05	**Total Time (min.)**	25

(P_{bar}) Barometric Pressure (in Hg)	29.95	**Carbon Dioxide (%)**	0.2
(D) Diameter (inches)	326" x 101"	**Oxygen (%)**	20.8
(A) Stack Area (ft^2)	228.65	**Carbon Monoxide (%)**	0.0
(n) Number of Points	16	**Nitrogen (%)**	79.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1812	**(P_s)Stack Pressure (inches Hg)**	29.95
(C_p) Pitot Correction Factor	0.84	**($T_{s(abs)}$) Stack Temp (°R)**	682.2

(B_{ws}) Moisture in stack gas, volume fraction	0.020
(B_{wd}) Dry Stack Gas, volume fraction	0.980
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.65
(G_s) Specific gravity of Stack Gas Relative to Air	0.988
(v_s) Average Stack Velocity, FPM	696.0
(Q_s) Actual Stack Gas Flow Rate, ACFM	159148
(Q_d) Actual Stack Gas Flow Rate, ACFMD	155970
($Q_{d(std)}$) Stack Gas Flow Rate, SCFMD	120848
($Q_{s(std)}$) Stack Gas Flow Rate Wet, SCFMW	123310

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Flow Run D2	
Facility	Naval Station Guantanamo Bay	
Location	Guantanamo Bay, Cuba	
Source	Air Curtain Incinerator D-1	
Date	04/19/16	
Run Number	D2	
Start Time	15:30	
Finish Time	15:50	
Weather	Clear	
Total Time (minutes) (Θ)	20.0	
Number of Points (n)	16	
Barometric Pressure (inches Hg) (P_{bar})	29.95	
Static Pressure (inches H_2O) (P_g)	0.04	
Stack Diameter (inches) (D)	326	101
Pitot Factor (C_p)	0.84	
Moisture Fraction (B_{ws})	0.020	
Carbon Dioxide (%)	0.1	
Oxygen (%)	20.6	
Carbon Monoxide (%)	0.0	
Nitrogen (%)	79.3	

Field Data Points - Flow Run D2

Port	Trav. Pt.	Velocity Head (inches H_2O)		Stack Temperature (^oF)		Square Root of Velocity Head
1	**1**	0.030		150		0.1732
	2	0.030		133		0.1732
	3	0.020		121		0.1414
	4	0.020		110		0.1414
2	**1**	0.020		283		0.1414
	2	0.020		260		0.1414
	3	0.020		195		0.1414
	4	0.010		157		0.1000
3	**1**	0.020		178		0.1414
	2	0.030		168		0.1732
	3	0.010		162		0.1000
	4	0.010		166		0.1000
4	**1**	0.020		147		0.1414
	2	0.020		151		0.1414
	3	0.030		148		0.1732
	4	0.020		146		0.1414

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Volumetric Flow Calculations Worksheet

Flow Summary Run D2

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Run Date**	4/19/2016
Start Time	15:30	**Weather**	Clear
Finish Time	15:50	**Total Time (min.)**	20

(P_{bar}) Barometric Pressure (in Hg)	29.95	**Carbon Dioxide (%)**	0.1
(D) Diameter (inches)	326" x 101"	**Oxygen (%)**	20.6
(A) Stack Area (ft^2)	228.65	**Carbon Monoxide (%)**	0.0
(n) Number of Points	16	**Nitrogen (%)**	79.3
(Δp_{avg}) Avg of SQRT of V.H.	0.1416	**(P_s)Stack Pressure (inches Hg)**	29.95
(C_p) Pitot Correction Factor	0.84	**($T_{s(abs)}$) Stack Temp (°R)**	627.2

(B_{ws}) Moisture in stack gas, volume fraction	0.020
(B_{wd}) Dry Stack Gas, volume fraction	0.980
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.84
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.62
(G_s) Specific gravity of Stack Gas Relative to Air	0.987
(v_s) Average Stack Velocity, FPM	521.8
(Q_s) Actual Stack Gas Flow Rate, ACFM	119318
(Q_d) Actual Stack Gas Flow Rate, ACFMD	116935
($Q_{d(std)}$) Stack Gas Flow Rate, SCFMD	98551
($Q_{s(std)}$) Stack Gas Flow Rate Wet, SCFMW	100559

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Flow Run D3	
Facility	Naval Station Guantanamo Bay	
Location	Guantanamo Bay, Cuba	
Source	Air Curtain Incinerator D-1	
Date	4/20/2016	
Run Number	D3	
Start Time	8:11	
Finish Time	8:26	
Weather	Sunny	
Total Time (minutes) (Θ)	15.0	
Number of Points (n)	16	
Barometric Pressure (inches Hg) (P_{bar})	29.96	
Static Pressure (inches H_2O) (P_g)	0.06	
Stack Diameter (inches) (D)	326	101
Pitot Factor (C_p)	0.84	
Moisture Fraction (B_{ws})	0.023	
Carbon Dioxide (%)	0.2	
Oxygen (%)	20.6	
Carbon Monoxide (%)	0.0	
Nitrogen (%)	79.2	

Field Data Points - Flow Run D3

Port	Trav. Pt.	Velocity Head (inches H_2O)		Stack Temperature (^oF)		Square Root of Velocity Head
1	**1**	0.020		89		0.1414
	2	0.020		89		0.1414
	3	0.020		88		0.1414
	4	0.020		88		0.1414
2	**1**	0.020		88		0.1414
	2	0.010		91		0.1000
	3	0.010		91		0.1000
	4	0.020		91		0.1414
3	**1**	0.020		118		0.1414
	2	0.020		125		0.1414
	3	0.020		119		0.1414
	4	0.020		114		0.1414
4	**1**	0.010		95		0.1000
	2	0.010		94		0.1000
	3	0.030		100		0.1732
	4	0.040		104		0.2000

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Volumetric Flow Calculations Worksheet

Flow Summary Run D3

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Run Date**	4/20/2016
Start Time	8:11	**Weather**	Sunny
Finish Time	8:26	**Total Time (min.)**	15

(P_{bar}) Barometric Pressure (in Hg)	29.96	**Carbon Dioxide (%)**	0.2
(D) Diameter (inches)	326" x 101"	**Oxygen (%)**	20.6
(A) Stack Area (ft^2)	228.65	**Carbon Monoxide (%)**	0.0
(n) Number of Points	16	**Nitrogen (%)**	79.2
(Δp_{avg}) Avg of SQRT of V.H.	0.1367	**(P_s)Stack Pressure (inches Hg)**	29.96
(C_p) Pitot Correction Factor	0.84	**($T_{s(abs)}$) Stack Temp (°R)**	559.0

(B_{ws}) Moisture in stack gas, volume fraction	0.023
(B_{wd}) Dry Stack Gas, volume fraction	0.977
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.61
(G_s) Specific gravity of Stack Gas Relative to Air	0.987
(v_s) Average Stack Velocity, FPM	475.7
(Q_s) Actual Stack Gas Flow Rate, ACFM	108768
(Q_d) Actual Stack Gas Flow Rate, ACFMD	106271
($Q_{d(std)}$) Stack Gas Flow Rate, SCFMD	100527
($Q_{s(std)}$) Stack Gas Flow Rate Wet, SCFMW	102889

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Flow Run D4	
Facility	Naval Station Guantanamo Bay	
Location	Guantanamo Bay, Cuba	
Source	Air Curtain Incinerator D-1	
Date	4/21/2016	
Run Number	D4	
Start Time	11:46	
Finish Time	12:10	
Weather	Clear	
Total Time (minutes) (Θ)	24.0	
Number of Points (n)	16	
Barometric Pressure (inches Hg) (P_{bar})	29.96	
Static Pressure (inches H_2O) (P_g)	0.05	
Stack Diameter (inches) (D)	326	101
Pitot Factor (C_p)	0.84	
Moisture Fraction (B_{ws})	0.024	
Carbon Dioxide (%)	0.3	
Oxygen (%)	20.6	
Carbon Monoxide (%)	0.0	
Nitrogen (%)	79.1	

Field Data Points - Flow Run D4

Port	Trav. Pt.	Velocity Head (inches H_2O)		Stack Temperature (^oF)		Square Root of Velocity Head
1	**1**	0.040		105		0.2000
	2	0.030		105		0.1732
	3	0.030		114		0.1732
	4	0.040		123		0.2000
2	**1**	0.030		105		0.1732
	2	0.030		106		0.1732
	3	0.030		108		0.1732
	4	0.030		111		0.1732
3	**1**	0.040		115		0.2000
	2	0.040		115		0.2000
	3	0.040		117		0.2000
	4	0.030		125		0.1732
4	**1**	0.040		115		0.2000
	2	0.050		119		0.2236
	3	0.040		122		0.2000
	4	0.040		120		0.2000

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Volumetric Flow Calculations Worksheet

Flow Summary Run D4

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Run Date**	4/21/2016
Start Time	11:46	**Weather**	Clear
Finish Time	12:10	**Total Time (min.)**	24

(P_{bar}) Barometric Pressure (in Hg)	29.96	**Carbon Dioxide (%)**	0.3
(D) Diameter (inches)	326" x 101"	**Oxygen (%)**	20.6
(A) Stack Area (ft^2)	228.65	**Carbon Monoxide (%)**	0.0
(n) Number of Points	16	**Nitrogen (%)**	79.1
(Δp_{avg}) Avg of SQRT of V.H.	0.1898	**(P_s)Stack Pressure (inches Hg)**	29.96
(C_p) Pitot Correction Factor	0.84	**($T_{s(abs)}$) Stack Temp (°R)**	574.1

(B_{ws}) Moisture in stack gas, volume fraction	0.024
(B_{wd}) Dry Stack Gas, volume fraction	0.976
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.87
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.61
(G_s) Specific gravity of Stack Gas Relative to Air	0.987
(v_s) Average Stack Velocity, FPM	669.1
(Q_s) Actual Stack Gas Flow Rate, ACFM	152985
(Q_d) Actual Stack Gas Flow Rate, ACFMD	149268
($Q_{d(std)}$) Stack Gas Flow Rate, SCFMD	137491
($Q_{s(std)}$) Stack Gas Flow Rate Wet, SCFMW	140915

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Flow Run D5	
Facility	Naval Station Guantanamo Bay	
Location	Guantanamo Bay, Cuba	
Source	Air Curtain Incinerator D-1	
Date	4/22/2016	
Run Number	D5	
Start Time	11:13	
Finish Time	11:39	
Weather	Clear	
Total Time (minutes) (Θ)	26.0	
Number of Points (n)	16	
Barometric Pressure (inches Hg) (P_{bar})	29.91	
Static Pressure (inches H_2O) (P_g)	0.04	
Stack Diameter (inches) (D)	326	101
Pitot Factor (C_p)	0.84	
Moisture Fraction (B_{ws})	0.025	
Carbon Dioxide (%)	0.3	
Oxygen (%)	20.7	
Carbon Monoxide (%)	0.0	
Nitrogen (%)	79.0	

Field Data Points - Flow Run D5

Port	Trav. Pt.	Velocity Head (inches H_2O)		Stack Temperature (^oF)		Square Root of Velocity Head
1	**1**	0.000		92		0.0000
	2	0.010		93		0.1000
	3	0.010		94		0.1000
	4	0.010		102		0.1000
2	**1**	0.010		175		0.1000
	2	0.010		185		0.1000
	3	0.010		163		0.1000
	4	0.020		160		0.1414
3	**1**	0.020		675		0.1414
	2	0.020		570		0.1414
	3	0.020		396		0.1414
	4	0.010		343		0.1000
4	**1**	0.030		319		0.1732
	2	0.020		322		0.1414
	3	0.010		344		0.1000
	4	0.020		289		0.1414

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Volumetric Flow Calculations Worksheet

Flow Summary Run D5

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Run Date**	4/22/2016
Start Time	11:13	**Weather**	Clear
Finish Time	11:39	**Total Time (min.)**	26

(P_{bar}) Barometric Pressure (in Hg)	29.91	**Carbon Dioxide (%)**	0.3
(D) Diameter (inches)	326" x 101"	**Oxygen (%)**	20.7
(A) Stack Area (ft^2)	228.65	**Carbon Monoxide (%)**	0.0
(n) Number of Points	16	**Nitrogen (%)**	79.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1139	**(P_s)Stack Pressure (inches Hg)**	29.91
(C_p) Pitot Correction Factor	0.84	**($T_{s(abs)}$) Stack Temp (°R)**	730.1

(B_{ws}) Moisture in stack gas, volume fraction	0.025
(B_{wd}) Dry Stack Gas, volume fraction	0.975
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.88
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.60
(G_s) Specific gravity of Stack Gas Relative to Air	0.987
(v_s) Average Stack Velocity, FPM	453.2
(Q_s) Actual Stack Gas Flow Rate, ACFM	103626
(Q_d) Actual Stack Gas Flow Rate, ACFMD	101001
($Q_{d(std)}$) Stack Gas Flow Rate, SCFMD	73023
($Q_{s(std)}$) Stack Gas Flow Rate Wet, SCFMW	74921

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Flow Run N1	
Facility	Naval Station Guantanamo Bay	
Location	Guantanamo Bay, Cuba	
Source	Air Curtain Incinerator D-1	
Date	4/25/2016	
Run Number	N1	
Start Time	21:48	
Finish Time	22:14	
Weather	Clear	
Total Time (minutes) (Θ)	26.0	
Number of Points (n)	16	
Barometric Pressure (inches Hg) (P_{bar})	29.82	
Static Pressure (inches H_2O) (P_g)	0.04	
Stack Diameter (inches) (D)	326	101
Pitot Factor (C_p)	0.84	
Moisture Fraction (B_{ws})	0.034	
Carbon Dioxide (%)	0.3	
Oxygen (%)	20.6	
Carbon Monoxide (%)	0.0	
Nitrogen (%)	79.1	

Field Data Points - Flow Run N1

Port	Trav. Pt.	Velocity Head (inches H_2O)		Stack Temperature (^oF)		Square Root of Velocity Head
1	**1**	0.020		99		0.1414
	2	0.020		100		0.1414
	3	0.020		102		0.1414
	4	0.020		109		0.1414
2	**1**	0.030		106		0.1732
	2	0.020		113		0.1414
	3	0.030		135		0.1732
	4	0.030		144		0.1732
3	**1**	0.020		132		0.1414
	2	0.020		135		0.1414
	3	0.020		147		0.1414
	4	0.020		160		0.1414
4	**1**	0.020		120		0.1414
	2	0.020		120		0.1414
	3	0.020		125		0.1414
	4	0.020		135		0.1414

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Volumetric Flow Calculations Worksheet

Flow Summary Run N1

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Run Date**	4/25/2016
Start Time	21:48	**Weather**	Clear
Finish Time	22:14	**Total Time (min.)**	26

(P_{bar}) Barometric Pressure (in Hg)	29.82	**Carbon Dioxide (%)**	0.3
(D) Diameter (inches)	326" x 101"	**Oxygen (%)**	20.6
(A) Stack Area (ft^2)	228.65	**Carbon Monoxide (%)**	0.0
(n) Number of Points	16	**Nitrogen (%)**	79.1
(Δp_{avg}) Avg of SQRT of V.H.	0.1474	**(P_s)Stack Pressure (inches Hg)**	29.82
(C_p) Pitot Correction Factor	0.84	**($T_{s(abs)}$) Stack Temp (°R)**	583.9

(B_{ws}) Moisture in stack gas, volume fraction	0.034
(B_{wd}) Dry Stack Gas, volume fraction	0.966
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.87
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.50
(G_s) Specific gravity of Stack Gas Relative to Air	0.983
(v_s) Average Stack Velocity, FPM	526.3
(Q_s) Actual Stack Gas Flow Rate, ACFM	120339
(Q_d) Actual Stack Gas Flow Rate, ACFMD	116248
($Q_{d(std)}$) Stack Gas Flow Rate, SCFMD	104782
($Q_{s(std)}$) Stack Gas Flow Rate Wet, SCFMW	108470

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Flow Run N2	
Facility	Naval Station Guantanamo Bay	
Location	Guantanamo Bay, Cuba	
Source	Air Curtain Incinerator D-1	
Date	4/26/2016	
Run Number	N2	
Start Time	17:45	
Finish Time	17:59	
Weather	Clear	
Total Time (minutes) (Θ)	14.0	
Number of Points (n)	16	
Barometric Pressure (inches Hg) (P_{bar})	29.80	
Static Pressure (inches H_2O) (P_g)	0.03	
Stack Diameter (inches) (D)	326	101
Pitot Factor (C_p)	0.84	
Moisture Fraction (B_{ws})	0.029	
Carbon Dioxide (%)	0.2	
Oxygen (%)	20.8	
Carbon Monoxide (%)	0.0	
Nitrogen (%)	79.0	

Field Data Points - Flow Run N2

Port	Trav. Pt.	Velocity Head (inches H_2O)		Stack Temperature (^oF)		Square Root of Velocity Head
1	**1**	0.010		95		0.1000
	2	0.010		102		0.1000
	3	0.010		117		0.1000
	4	0.010		118		0.1000
2	**1**	0.010		100		0.1000
	2	0.020		99		0.1414
	3	0.015		100		0.1225
	4	0.010		102		0.1000
3	**1**	0.015		115		0.1225
	2	0.020		120		0.1414
	3	0.020		116		0.1414
	4	0.020		113		0.1414
4	**1**	0.020		105		0.1414
	2	0.020		106		0.1414
	3	0.020		106		0.1414
	4	0.020		108		0.1414

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Volumetric Flow Calculations Worksheet

Flow Summary Run N2

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Run Date**	4/26/2016
Start Time	17:45	**Weather**	Clear
Finish Time	17:59	**Total Time (min.)**	14

(P_{bar}) Barometric Pressure (in Hg)	29.80	**Carbon Dioxide (%)**	0.2
(D) Diameter (inches)	326" x 101"	**Oxygen (%)**	20.8
(A) Stack Area (ft^2)	228.65	**Carbon Monoxide (%)**	0.0
(n) Number of Points	16	**Nitrogen (%)**	79.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1235	**(P_s)Stack Pressure (inches Hg)**	29.80
(C_p) Pitot Correction Factor	0.84	**($T_{s(abs)}$) Stack Temp (°R)**	567.6

(B_{ws}) Moisture in stack gas, volume fraction	0.029
(B_{wd}) Dry Stack Gas, volume fraction	0.971
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.55
(G_s) Specific gravity of Stack Gas Relative to Air	0.985
(v_s) Average Stack Velocity, FPM	434.7
(Q_s) Actual Stack Gas Flow Rate, ACFM	99401
(Q_d) Actual Stack Gas Flow Rate, ACFMD	96494
($Q_{d(std)}$) Stack Gas Flow Rate, SCFMD	89404
($Q_{s(std)}$) Stack Gas Flow Rate Wet, SCFMW	92098

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Flow Run N3	
Facility	Naval Station Guantanamo Bay	
Location	Guantanamo Bay, Cuba	
Source	Air Curtain Incinerator D-1	
Date	4/27/2016	
Run Number	N3	
Start Time	18:04	
Finish Time	18:15	
Weather	Clear	
Total Time (minutes) (Θ)	11.0	
Number of Points (n)	16	
Barometric Pressure (inches Hg) (P_{bar})	29.81	
Static Pressure (inches H_2O) (P_g)	0.02	
Stack Diameter (inches) (D)	326	101
Pitot Factor (C_p)	0.84	
Moisture Fraction (B_{ws})	0.032	
Carbon Dioxide (%)	0.2	
Oxygen (%)	20.8	
Carbon Monoxide (%)	0.0	
Nitrogen (%)	79.0	

Field Data Points - Flow Run N3

Port	Trav. Pt.	Velocity Head (inches H_2O)		Stack Temperature (^oF)		Square Root of Velocity Head
1	1	0.010		161		0.1000
	2	0.010		154		0.1000
	3	0.010		126		0.1000
	4	0.010		125		0.1000
2	1	0.010		135		0.1000
	2	0.010		140		0.1000
	3	0.010		138		0.1000
	4	0.010		138		0.1000
3	1	0.010		145		0.1000
	2	0.015		143		0.1225
	3	0.015		138		0.1225
	4	0.010		135		0.1000
4	1	0.010		126		0.1000
	2	0.010		125		0.1000
	3	0.010		123		0.1000
	4	0.010		123		0.1000

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Volumetric Flow Calculations Worksheet

Flow Summary Run N3

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Run Date**	4/27/2016
Start Time	18:04	**Weather**	Clear
Finish Time	18:15	**Total Time (min.)**	11

(P_{bar}) Barometric Pressure (in Hg)	29.81	**Carbon Dioxide (%)**	0.2
(D) Diameter (inches)	326" x 101"	**Oxygen (%)**	20.8
(A) Stack Area (ft^2)	228.65	**Carbon Monoxide (%)**	0.0
(n) Number of Points	16	**Nitrogen (%)**	79.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1028	**(P_s)Stack Pressure (inches Hg)**	29.81
(C_p) Pitot Correction Factor	0.84	**($T_{s(abs)}$) Stack Temp (°R)**	595.9

(B_{ws}) Moisture in stack gas, volume fraction	0.032
(B_{wd}) Dry Stack Gas, volume fraction	0.969
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.52
(G_s) Specific gravity of Stack Gas Relative to Air	0.984
(v_s) Average Stack Velocity, FPM	370.9
(Q_s) Actual Stack Gas Flow Rate, ACFM	84796
(Q_d) Actual Stack Gas Flow Rate, ACFMD	82125
($Q_{d(std)}$) Stack Gas Flow Rate, SCFMD	72499
($Q_{s(std)}$) Stack Gas Flow Rate Wet, SCFMW	74857

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Flow Run N4	
Facility	Naval Station Guantanamo Bay	
Location	Guantanamo Bay, Cuba	
Source	Air Curtain Incinerator D-1	
Date	4/28/2016	
Run Number	N4	
Start Time	19:34	
Finish Time	19:47	
Weather	Clear	
Total Time (minutes) (Θ)	13.0	
Number of Points (n)	16	
Barometric Pressure (inches Hg) (P_{bar})	29.81	
Static Pressure (inches H_2O) (P_g)	0.02	
Stack Diameter (inches) (D)	326	101
Pitot Factor (C_p)	0.84	
Moisture Fraction (B_{ws})	0.029	
Carbon Dioxide (%)	0.2	
Oxygen (%)	20.8	
Carbon Monoxide (%)	0.0	
Nitrogen (%)	79.0	

Field Data Points - Flow Run N4

Port	Trav. Pt.	Velocity Head (inches H_2O)		Stack Temperature (^oF)		Square Root of Velocity Head
1	**1**	0.015		87		0.1225
	2	0.010		92		0.1000
	3	0.010		96		0.1000
	4	0.010		102		0.1000
2	**1**	0.015		120		0.1225
	2	0.010		117		0.1000
	3	0.015		117		0.1225
	4	0.010		118		0.1000
3	**1**	0.010		113		0.1000
	2	0.010		110		0.1000
	3	0.010		111		0.1000
	4	0.010		119		0.1000
4	**1**	0.010		96		0.1000
	2	0.010		95		0.1000
	3	0.015		98		0.1225
	4	0.015		99		0.1225

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Volumetric Flow Calculations Worksheet

Flow Summary Run N4

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Run Date**	4/28/2016
Start Time	19:34	**Weather**	Clear
Finish Time	19:47	**Total Time (min.)**	13

(P_{bar}) Barometric Pressure (in Hg)	29.81	**Carbon Dioxide (%)**	0.2
(D) Diameter (inches)	326" x 101"	**Oxygen (%)**	20.8
(A) Stack Area (ft^2)	228.65	**Carbon Monoxide (%)**	0.0
(n) Number of Points	16	**Nitrogen (%)**	79.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1070	**(P_s)Stack Pressure (inches Hg)**	29.81
(C_p) Pitot Correction Factor	0.84	**($T_{s(abs)}$) Stack Temp (°R)**	565.6

(B_{ws}) Moisture in stack gas, volume fraction	0.029
(B_{wd}) Dry Stack Gas, volume fraction	0.972
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.55
(G_s) Specific gravity of Stack Gas Relative to Air	0.985
(v_s) Average Stack Velocity, FPM	375.9
(Q_s) Actual Stack Gas Flow Rate, ACFM	85948
(Q_d) Actual Stack Gas Flow Rate, ACFMD	83499
($Q_{d(std)}$) Stack Gas Flow Rate, SCFMD	77662
($Q_{s(std)}$) Stack Gas Flow Rate Wet, SCFMW	79940

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Flow Run N5	
Facility	Naval Station Guantanamo Bay	
Location	Guantanamo Bay, Cuba	
Source	Air Curtain Incinerator D-1	
Date	4/29/2016	
Run Number	N5	
Start Time	16:09	
Finish Time	16:21	
Weather	Clear	
Total Time (minutes) (Θ)	12.0	
Number of Points (n)	16	
Barometric Pressure (inches Hg) (P_{bar})	29.90	
Static Pressure (inches H_2O) (P_g)	0.02	
Stack Diameter (inches) (D)	326	101
Pitot Factor (C_p)	0.84	
Moisture Fraction (B_{ws})	0.030	
Carbon Dioxide (%)	0.1	
Oxygen (%)	20.8	
Carbon Monoxide (%)	0.0	
Nitrogen (%)	79.1	

Field Data Points - Flow Run N5

Port	Trav. Pt.	Velocity Head (inches H_2O)		Stack Temperature (^oF)		Square Root of Velocity Head
1	**1**	0.015		185		0.1225
	2	0.015		190		0.1225
	3	0.020		176		0.1414
	4	0.015		166		0.1225
2	**1**	0.015		167		0.1225
	2	0.015		186		0.1225
	3	0.015		179		0.1225
	4	0.020		173		0.1414
3	**1**	0.015		133		0.1225
	2	0.020		141		0.1414
	3	0.020		142		0.1414
	4	0.020		143		0.1414
4	**1**	0.015		126		0.1225
	2	0.020		127		0.1414
	3	0.020		126		0.1414
	4	0.020		123		0.1414

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Volumetric Flow Calculations Worksheet

Flow Summary Run N5

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Run Date**	4/29/2016
Start Time	16:09	**Weather**	Clear
Finish Time	16:21	**Total Time (min.)**	12

(P_{bar}) Barometric Pressure (in Hg)	29.9	**Carbon Dioxide (%)**	0.1
(D) Diameter (inches)	326" x 101"	**Oxygen (%)**	20.8
(A) Stack Area (ft^2)	228.65	**Carbon Monoxide (%)**	0.0
(n) Number of Points	16	**Nitrogen (%)**	79.1
(Δp_{avg}) Avg of SQRT of V.H.	0.1319	**(P_s)Stack Pressure (inches Hg)**	29.90
(C_p) Pitot Correction Factor	0.84	**($T_{s(abs)}$) Stack Temp (°R)**	615.2

(B_{ws}) Moisture in stack gas, volume fraction	0.030
(B_{wd}) Dry Stack Gas, volume fraction	0.970
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.85
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.53
(G_s) Specific gravity of Stack Gas Relative to Air	0.984
(v_s) Average Stack Velocity, FPM	482.8
(Q_s) Actual Stack Gas Flow Rate, ACFM	110400
(Q_d) Actual Stack Gas Flow Rate, ACFMD	107115
($Q_{d(std)}$) Stack Gas Flow Rate, SCFMD	91877
($Q_{s(std)}$) Stack Gas Flow Rate Wet, SCFMW	94695

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Velocity Traverse

Plant: GTMO Date:

Source: #3 D-1 Magnehelic ID: W39

Stack Diameter: 326" x 104" Pitot ID P10-3 Thermocouple ID 140144 * this is Pyrometer ID
TC ID = P10-3

Run 1 4/19/16			Run 2 4/19/16			Run 3 4/20		
Static Pressure	.03		Static Pressure	.04		Static Pressure	.06	
Start	1340		Start	1530		Start	0811	
Stop	1405		Stop	1550		Stop	0826	
Barometer (in. Hg)	~~30.00~~ 29.95		Barometer (in. Hg)	29.95		Barometer (in. Hg)	29.96	
Wet Bulb (WB)	29.95		Wet Bulb (WB)	—		Wet Bulb (WB)	—	
Dry Bulb (DB)	—		Dry Bulb (DB)	—		Dry Bulb (DB)	—	
Traverse Point No.	Velocity Head	Stack Temp Deg F	Traverse Point No.	Velocity Head	Stack Temp Deg F	Traverse Point No.	Velocity Head	Stack Temp Deg F
1-1	.05	199	1-1	.03	150	1-1	.02	89
2	.03	139	2	.03	133	2	.02	89
3	.03	139	3	.02	121	3	.02	88
4	.03	119	4	.02	110	4	.02	88
2-1	.02	319	2-1	.02	283	2-1	.02	88
2	.04	320	2	.02	260	2	.01	91
3	.03	316	3	.02	195	3	.01	91
4	.0	242	4	.01	157	4	.02	91
3-1	.05	270	3-1	.02	178	3-1	.02	118
2	.05	291	2	.03	168	2	.02	125
3	.05	277	3	.01	162	3	.02	119
4	.03	269	4	.01	166	4	.02	114
4-1	.05	158	4-1	.02	147	4-1	.01	95
2	.04	167	2	.02	151	2	.01	94
3	.03	168	3	.03	148	3	.03	100
4	.04	162	4	.02	146	4	.04	104

O_2/CO_2 and moisture from ather concurrent test.

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Velocity Traverse

Plant: GTMC Date: 4

Source: #3 Magnehelic ID: W39

Stack Diameter: 326x101 Pitot ID P10-3 ~~Thermocouple~~ Pyrometer ID 140,44
TC ID P10-3

Run ~~1~~ 4/21			Run 2			Run 3		
Static Pressure	.05		Static Pressure			Static Pressure		
Start	1146		Start			Start		
Stop	1210		Stop			Stop		
Barometer (in. Hg)	29.96		Barometer (in. Hg)			Barometer (in. Hg)		
Wet Bulb (WB)	—		Wet Bulb (WB)			Wet Bulb (WB)		
Dry Bulb (DB)	✓		Dry Bulb (DB)			Dry Bulb (DB)		
Traverse Point No.	Velocity Head	Stack Temp Deg F	Traverse Point No.	Velocity Head	Stack Temp Deg F	Traverse Point No.	Velocity Head	Stack Temp Deg F
1-1	.04	105						
2	.03	105						
3	.03	114						
4	.04	123						
2-1	.03	105						
2	.03	106						
3	.03	108						
4	.03	111						
3-1	.04	115						
2	.04	115						
3	.04	117						
4	.03	125						
#4-1	.04	115						
2	.05	119						
3	.04	122						
4	.04	120						

O_2/CO_2 and moisture from after ESP

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Velocity Traverse

Plant: NSGB Date: Day

Source: ACI Magnehelic ID: W39

Stack Diameter: 326"x101" Pitot ID P10-3 ~~Thermocouple~~ Pyrometer ID 140144
TC ID – P10-3

Run 1 5/4/22			Run 2			Run 3		
Static Pressure		.04	Static Pressure			Static Pressure		
Start		1113	Start			Start		
Stop		1139	Stop			Stop		
Barometer (in. Hg)		29.91	Barometer (in. Hg)			Barometer (in. Hg)		
Wet Bulb (WB)		—	Wet Bulb (WB)			Wet Bulb (WB)		
Dry Bulb (DB)		—	Dry Bulb (DB)			Dry Bulb (DB)		
Traverse Point No.	Velocity Head	Stack Temp Deg F	Traverse Point No.	Velocity Head	Stack Temp Deg F	Traverse Point No.	Velocity Head	Stack Temp Deg F
1-1	0.0	92						
2	.01	93						
3	.01	94						
4	.01	102						
2-1	.01	175						
2	.01	185						
3	.01	163						
4	.02	160						
3-1	.02	675						
2	.02	570						
3	.02	396						
4	.01	343						
4-1	.03	319						
2	.02	322						
3	.01	344						
4	.02	289						

O2/CO2 and moisture from other test

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Velocity Traverse

Plant: GTM6 Date: 4/25/16

Source: #3 Magnehelic ID: W39

Stack Diameter: 326" X 101" Pitot ID P10-3 Pyrometer ~~Thermocouple~~ ID 140144
TC ID – P10-3

NIGHT Run 1	4/25		NIGHT Run 2	4/26		NIGHT Run 3	4/27	
Static Pressure	.04		Static Pressure	.03		Static Pressure	.02	
Start	21:48		Start	1745		Start	1804	
Stop	22:14		Stop	1759		Stop	1815	
Barometer (in. Hg)	29.82		Barometer (in. Hg)	29.80		Barometer (in. Hg)	29.84	
Wet Bulb (WB)	—		Wet Bulb (WB)	—		Wet Bulb (WB)	—	
Dry Bulb (DB)	—		Dry Bulb (DB)	—		Dry Bulb (DB)	—	
Traverse Point No.	Velocity Head	Stack Temp Deg F	Traverse Point No.	Velocity Head	Stack Temp Deg F	Traverse Point No.	Velocity Head	Stack Temp Deg F
1-1	.02	99	1-1	.01	95	1-1	.01	161
2	.02	100	2	.01	102	2	.01	154
3	.02	102	3	.01	117	3	.01	126
4	.02	109	4	.01	118	4	.01	125
2-1	.03	106	2-1	.01	100	2-1	.01	135
2	.02	113	2	.02	99	2	.01	140
3	.03	135	3	.015	100	3	.01	138
4	.03	144	4	.01	102	4	.01	138
3-1	.02	132	3-1	.015	115	3-1	.01	145
2	.02	135	2	.02	120	2	.015	143
3	.02	147	3	.02	116	3	.015	138
4	.02	160	4	.02	113	4	.01	135
4-1	.02	120	4-1	.02	105	4-1	.01	126
2	.02	120	2	.02	106	2	.01	125
3	.02	125	3	.02	106	3	.01	123
4	.02	135	4	.02	108	4	.01	123

O_2/CO_2 and moisture from stack history

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Velocity Traverse

Plant: GTMO Date: 4/28/16

Source: #3 Magnehelic ID: 1N39

Stack Diameter: 326" X 101" Pitot ID P10-3 ~~Thermocouple~~ Pyrometer ID 140144
TC ID - P10-3

NIGHT ~~Run 1~~ 4			NIGHT ~~Run 2~~ 5			Run 3		
Static Pressure	.02		Static Pressure	.02		Static Pressure		
Start	1934		Start	1609		Start	1708	
Stop	1947		Stop	1621		Stop	1728	
Barometer (in. Hg)	29.81		Barometer (in. Hg)	2990		Barometer (in. Hg)		
Wet Bulb (WB)	—		Wet Bulb (WB)	~~1609~~		Wet Bulb (WB)		
Dry Bulb (DB)	—		Dry Bulb (DB)	~~1621~~		Dry Bulb (DB)		
Traverse Point No.	Velocity Head	Stack Temp Deg F	Traverse Point No.	Velocity Head	Stack Temp Deg F	Traverse Point No.	Velocity Head	Stack Temp Deg F
1-1	.015	87	1-1	.015	185			
2	.01	92	2	.015	190			
3	.01	96	3	.02	176			
4	.01	102	4	.015	166			
2-1	.015	120	2-1	.015	167			
2	.01	117	2	.015	186			
3	.015	117	3	.015	179			
4	.01	118	4	.02	173			
3-1	.01	113	3-1	.015	133			
2	.01	110	2	.02	141			
3	.01	111	3	.02	142			
4	.01	119	4	.02	143			
4-1	.01	96	4-1	.015	126			
2	.01	95	2	.02	127			
3	.015	98	3	.02	126			
4	.015	99	4	.02	123			

O2/CO2 and moisture from the Method 3

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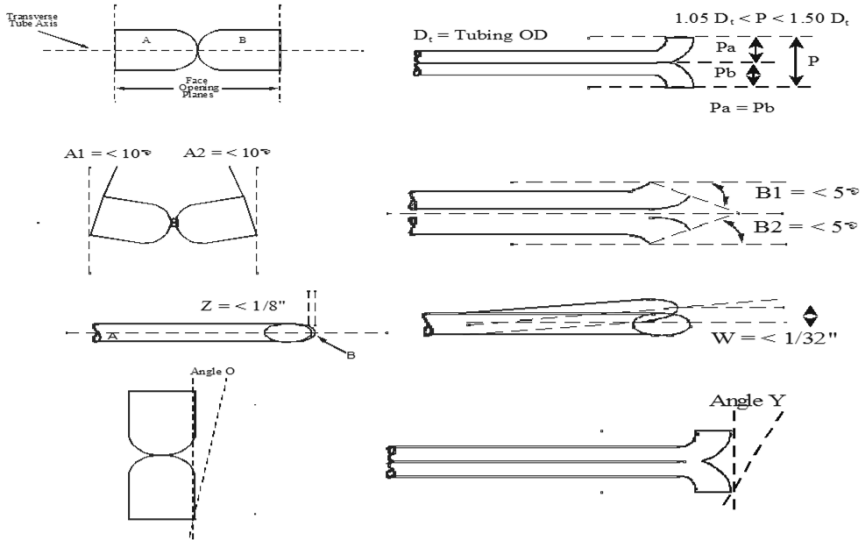
Starke, Florida 32091

PITOT TUBE POST TEST CALIBRATION FORM

Pitot ID	P10-3			
Technician	MEH			
Project	NSGB			
Date:	6/20/2016			
Pitot Assembly Level	Yes	X	No	
Pitot tube opening damaged or out-of-round	Yes		No	X
If damage is noted, comment below				

Pitot Measurements

Pitot tube outside diameter					D_t	0.375			
a1	1				**a2**	0			
b1	1				**b2**	0			
Pa	0.553				**Pb**	0.553			
P	1.106			Max	1.125		Min	0.7875	
Angle Y	0	Degrees	sin	0.000	**Angle O**	0	Degrees	sin	0.000
z = P sin Y		0.000	Inches		w = P sin O		0.000	Inches	
z = < 1/8 Inch					w = < 1/32 inch				



I certify that the measurements contained within this form was conducted correctly and within the guidelines of EPA Method 2.

Technician Signature:	Mike Hinkel	Date:	6/20/2016
Quality Assurance Signature:	Daniel Ockenhouse	Date:	6/27/2016

Pitot Calibration Template
Rev 4, 07/10/15

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Magnehelic Calibration (Source)

Date:	6/20/2016	**Magnehelic serial number**	W39	**Range**	0-1
Standard Manometer ID:	ING 3	**Calibration Technician:**	MEH		
Client	NSGB	**Project:**	NSGB		

Data Entry

Manometer Standard Value	**Magnehelic** (Display value) **Positive**	**Magnehelic** (Display value) **Negative**	**Percent Difference Positive**	**Percent Difference Negative**
0.1	0.1	0.1	0.0	0.0
0.2	0.2	0.2	0.0	0.0
0.3	0.3	0.3	0.0	0.0
0.4	0.4	0.4	0.0	0.0
0.5	0.5	0.5	0.0	0.0
0.6	0.6	0.6	0.0	0.0
0.7	0.7	0.7	0.0	0.0
0.8	0.8	0.8	0.0	0.0
0.9	0.9	0.9	0.0	0.0
1	1	1	0.0	0.0
Average % Difference			0.0	0.0

Technician Signature:	Michael Hinkel	Quality Assurance Review:	Daniel Ockenhouse
Date:	6/20/2017	Quality Assurance Date:	6/27/2016

Magnehelic Calibration (Source)
Template
Rev 4, 07/10/15

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Alternative (EMC ALT-011) Method 2 Thermocouple Calibration

Date	6/20/2016	Reference Thermometer	Type:	m spirits in Glass	Manufacturer:	BCR	
Time	9:00		Serial number	208252			
Project	NSGB	Pyrometer	Manufacturer	Model	Serial number		
Technician	MEH		Omega	HH74K	140122		

Thermocouple ID	Location	Indicated Temperature			Reference Temperature			Difference (must be ± 2°)			Continuity (Pass / Fail)		
TC P10-3	Stack		75.0			75			0			Pass	
	Filter												
	Impinger												
	Meter In												
	Meter Out												

Comments:

Technician Signature: Michael Hinkel Date: 6/20/2016

Quality Assurance signature: Daniel Ockenhouse QA date: 6/27/2016

Thermocouple (EMC ALT-011) Calibration
Template
rev 1, 07/10/15

APPENDIX B

PARTICULATE, CONDENSABLE PARTICULATE, AND METALS DATA

Example Calculations

Particulate Matter Emissions Input Summary

Metals Emissions Input Summary

Emission Run Summaries

Field Data Sheets

PM/CPM Laboratory Report

Field Balance Calibration

Meter Box Pre Test Calibration

Meter Box Post Test Calibration

Pitot Tube Calibration

Thermocouple Calibration

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Example Calculations, PM/CPM Test Run D1

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Date**	April 18, 2016

1. **Stack Pressure (P_s)**

$$P_s = P_{bar} + (P_g / 13.6)$$

Example.	P_{bar}	=	30.00	**P_s**	=	**29.99**	**in. Hg.**
	P_g	=	-0.2				

2. **Volume Water Vapor, ($V_{w(std)}$).**

$$V_{lc} \times 0.04706$$

Example.	V_{lc}	=	16.6	**$V_{w(std)}$**	=	**0.781**	**SCF**

3. **Meter Volume, corrected to Standard Conditions, ($V_{m(std)}$)**

$$V_m \times Y \times 17.64 (P_{bar} + (\Delta H/13.6))/T_m$$

Example.	V_m	=	37.753	**$V_{m(std)}$**	=	**35.520**	**SCF**
	P_{bar}	=	30.00				
	T_m	=	564.6				
	Y	=	1.003				
	K_1	=	17.64				
	ΔH_{avg}	=	0.3381				

4. **Total Volume Of Sample, (V_t).**

$$V_{w(std)} + V_{m(std)}$$

Example.	$V_{m(std)}$	=	35.520	**V_t**	=	**36.302**	**SCF**
	$V_{w(std)}$	=	0.781				

5. **Moisture in stack gas, volume fraction (B_{ws})**

$$V_{w(std)} / (V_{w(std)} + V_{m(std)})$$

Example.	$V_{m(std)}$	=	35.520	**B_{ws}**	=	**0.022**	
	$V_{w(std)}$	=	0.781				

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Example Calculations, PM/CPM Test Run D1

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 18, 2016**

6. **Dry Stack Gas, volume fraction (B_{wd})**

$$= 1 - B_{ws}$$

Example.	B_{ws}	=	0.022	**B_{wd}**	=	**0.978**

7. **Molecular Weight of Stack Gas, Dry, (M_d).**

$$= (0.44 \times \%CO2) + (0.32 \times \%O2) + (0.28 \times \%N2) + (0.28 \times \%CO)$$

Example.	CO2	=	0.2	**M_d**	=	**28.86**
	O2	=	20.8			
	N2	=	79.0			
	CO	=	0.0			

8. **Molecular Weight of Stack Gas, Stack Conditions, (M_s).**

$$= M_d \times B_{wd} + 18.0 \times B_{ws}$$

Example.	M_d	=	28.86	**M_s**	=	**28.63**
	B_{wd}	=	0.978			
	B_{ws}	=	0.022			

9. **Specific Gravity of Gas, Relative to Air, (G_s)**

$$= M_S / 28.99$$

Example.	M_s	=	28.63	**G_s**	=	**0.988**

10. **Velocity of Stack Gas, as feet per minute, (v_s).**

$$= (K_p \times C_p \times (\Delta p_{avg})^{0.5} \times (T_{s(abs)} / (P_s \times M_s)^{0.5}) \times 60$$

Example.	C_p	=	0.84	**v_s**	=	**667.0**	**FPM**
	Δp_{avg}	=	0.1885				
	$T_{s(abs)}$	=	579.0				
	P_s	=	29.99				
	M_s	=	28.63				
	K_p	=	85.49				

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Example Calculations, PM/CPM Test Run D1

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 18, 2016**

11. **Percent Isokinetic Sampled, (I)**

$$I = \frac{(100 \times V_{m(std)} \times 29.92 \times T_{s(abs)})}{(528 \times v_s \times \Theta \times A_n \times P_s \times B_{wd})}$$

Example.

A_n	=	0.0006158	**I**	**=**	**92**	**%**
Θ	=	105	P_{std}	=	29.92	
$V_{m(std)}$	=	35.520	T_{std}	=	528	
$T_{s(abs)}$	=	579.0	P_s	=	29.99	
v_s	=	667.0	B_{wd}	=	0.978	

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Example Calculations, PM/CPM Test Run D1

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Date**	April 18, 2016

12. **Front Half Particulate Concentration, grams per Standard Cubic Foot, (C_{sf}).**

$$(Mgf.) / V_{m(std)}$$

Example.	Mgf	=	0.0319	**C_{sf}**	=	**0.0009**	**grams/SCF**
	$V_{m(std)}$	=	35.520				

13. **Front Half Mass Emission Rate, Grams / Second, (Emf).**

$$C_{sf} \times Q_{d(std)} / 60$$

Example.	$Q_{d(std)}$	=	120848	**Emf**	=	**1.81**	**grams/second**

14. **Back Half Particulate Concentration, grams per Standard Cubic Foot, (C_{sb}).**

$$(Mgb.) / V_{m(std)}$$

Example.	Mgb	=	0.0268	**C_{sb}**	=	**0.0008**	**grams/SCF**
	$V_{m(std)}$	=	35.520				

15. **Back Half Mass Emission Rate, Grams / Second, (Emb).**

$$C_{sb} \times Q_{d(std)} / 60$$

Example.	$Q_{d(std)}$	=	120848	**Emb**	=	**1.52**	**grams/second**

16. **Total Particulate Concentration, Grams per Standard Cubic Foot, (C_{st}).**

$$C_{sf} + C_{sb}$$

Example.	C_{sf}	=	0.0009	**C_{st}**	=	**0.0017**	**grams/SCF**
	C_{sb}	=	0.0008				

17. **Total Mass Emission Rate, Grams/Second, (Emt).**

$$Emf + Emb$$

Example.	Emf	=	1.81				
	Emb	=	1.52	**Emt**	=	**3.33**	**grams/second**

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Example Calculations, PM/CPM Test Run D1

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 18, 2016**

18. **Lead Concentration, Grams per Standard Cubic Foot, (C_{spb}).**

(MPb. / 1000000) / $V_{m(std)}$

Example.	MPb	=	27.3	C_{spb}	=	**7.69E-07**	**grams/SCF**
	$V_{m(std)}$	=	35.520				

19. **Lead Mass Emission Rate, Grams/Second, (Empb).**

C_{spb} x $Q_{d(std)}$ / 60

Example.	$Q_{d(std)}$	=	120848	**Empb**	=	**1.55E-03**	**grams/second**

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Example Calculations, PM/CPM Test Run D1

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Date**	April 18, 2016

Constants

K	=	0.005	English	K_p	=	85.49	Velocity equation constant
K_1	=	17.64	°R/in. Hg	T_{std}	=	528	°R
K_2	=	0.04706	ft^3/ml	P_{std}	=	29.92	inches Hg
K_3	=	0.0154	gr/mg	p_W	=	0.9982	g/ml

Variables

A	=	Stack Area (ft^2)	M_{Pb}	=	Mass of Lead Recovered, ug
A_n	=	Nozzle Area (ft^2)	M_s	=	Molecular Weight of Stack Gas (Stack conditions)
B_{ws}	=	Moisture in stack gas, volume fraction	Pbar	=	Barometric Pressure (inches Hg)
B_{wd}	=	Dry Stack Gas, volume fraction	Pg	=	Static Pressure
C_p	=	Pitot Correction Factor	Ps	=	Stack Pressure (inches Hg)
C_{Pb}	=	Lead Grams per DSCF	$Q_{d(std)}$	=	Stack Gas Flow Rate, SCFMD
C_{sf}	=	Front Half Grams per DSCF	$T_{s(abs)}$	=	Stack Temp (degrees R)
C_{sb}	=	Back Half Grams per DSCF	T_m	=	Meter Temp (degrees R)
C_{st}	=	Total Grains per DSCF	v_s	=	Average Stack Velocity, FPM
D_e	=	Equivilent Diameter (inches)	V_{lc}	=	Condensate Volume (ml)
E_{mf}	=	Front Half Mass Emission Rate, grams/second	V_m	=	Volume Metered (ft^3)
E_{mb}	=	Back Half Mass Emission Rate, grams/second	$V_{m(std)}$	=	Gas Volume Sampled, STPD
E_{mPb}	=	Lead Emission Rate, grams/second	$V_{w(std)}$	=	Volume Water Vapor, SCF
E_{mt}	=	Total Mass Emission Rate, grams/second	V_t	=	Total Volume Collected, SCF
I	=	Percent Isokinetic	Y	=	Meter Correction
Mgf	=	Front Half PM Weight (grams)	ΔH_{avg}	=	Delta H (inches H_2O)
Mgb	=	Back Half PM Weight (grams)	Δp_{avg}	=	Avg of SQRT of V.H.
M_d	=	Molecular Weight of Stack Gas (Dry Basis)	Θ	=	Total Time (minutes)

Particulate Matter Emissions Data Inputs Summary

Run	Sample Volume (ft3)	Volumetric Flow Rate (ft3/min)	Filterable Particulate Matter (mg)	Condensable Particulate Matter (mg)
D1	35.52	120848	0.0319	0.0268
D2	45.80	98551	0.0326	0.0167
D3	48.21	100527	0.0715	0.0287
D4	63.32	137491	0.0520	0.0193
D5	54.82	73023	0.0626	0.0128
N1	34.27	104782	0.1137	0.0420
N2	35.89	89404	0.0503	0.0451
N3	36.08	72499	0.0429	0.0293
N4	35.76	77662	0.0135	0.0143
N5	35.60	91877	0.0356	0.0213

Metals Emissions Data Inputs Summary

Run	Sample Volume (ft^3)	Volumetric Flow Rate (ft^3/min)	Antimony (ug)	Arsenic (ug)	Barium (ug)	Beryllium (ug)	Cadmium (ug)	Chromium (ug)	Cobalt (ug)	Copper (ug)	Lead (ug)	Manganese (ug)	Nickel (ug)	Phosphorus (ug)	Selenium (ug)	Silver (ug)	Thallium (ug)	Zinc (ug)
D1	35.52	120848	33	2.78	1506	0.284	5.05	40	329	102.00	27	25.2	22.10	123	1.29	0.66	0	1391
D2	45.80	98551	308	1.55	286	0.106	2.56	14	2.52	77.20	48	21.3	15.90	112	0.5	0.74	0	467
D3	48.21	100527	32.8	1.56	1017	0.19	3.62	19	6.62	31.50	16	18.2	9.00	120	0.5	0.33	0	979
D4	63.32	137491	26.9	3.90	510	0.185	1.79	24	2.17	128.00	40	30.5	13.60	203	0.5	0.43	0	559
D5	54.82	73023	40.5	1.89	895	0.181	1.30	17	1.31	25.40	14	21	9.11	121	0.5	0.67	0	820
N1	34.27	104782	38.9	4.17	582	0.327	1.76	51.2	2.75	121	34.2	28.9	14.2	122	0.65	0.540	0	651
N2	35.89	89404	6.50	0.767	3.23	0.05	1.33	5.73	0.535	28.4	11.5	11.9	8.58	45.0	0.5	0.274	0	59.5
N3	36.08	72499	4.12	1.52	80.7	0.059	2.85	14.0	0.990	36.3	9.70	17.2	16.8	66.4	0.5	0.20	0	181
N4	35.76	77662	1.45	1.21	49.2	0.054	0.618	11.7	0.654	25.9	7.05	9.65	5.99	46.8	0.5	0.257	0	88.5
N5	35.60	91877	6.05	1.06	198	0.063	5.01	13.5	0.682	29.3	11.5	11.7	6.51	56.1	0.5	0.202	0	240

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	PM/CPM/Metals Run D1
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/18/16
Run Number	D1
Start Time	13:15
Finish Time	16:17
Weather	Clear
Total Time (minutes) (Θ)	105.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	30.00
Static Pressure (inches H_2O) (P_g)	-0.20
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.336
Meter Y Factor (Y)	1.003
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	718.857
Initial Meter Reading (ft^3)	680.758
Meter Correction (ft^3)	0.346
Condensate (grams or ml)	0
Silica Gel Weight (grams)	16.6
Carbon Dioxide (%)	0.2
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Filter Weight (grams)	0.0253
Prefilter Weight (grams)	0.0066
Inorganic CPM Weight (grams)	0.0109
Organic CPM Weight (grams)	0.0198
Inorganic Field Blank Weight (grams)	0.0012
Organic Field Blank Weight (grams)	0.0027
Isokinetic Rate Factor	8.6

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Field Data Points - Run D1 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Minute	Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0	0.04	0.35	115	96	96	0.20
5	0.04	0.35	116	99	95	0.20
10	0.02	0.20	115	104	96	0.14
15	0.01	0.10	115	105	96	0.10
20	0.02	0.20	115	107	97	0.14
25	0.06	0.50	116	112	98	0.24
30	0.02	0.20	116	112	99	0.14
35	0.02	0.20	106	111	99	0.14
40	0.02	0.20	102	112	101	0.14
45	0.02	0.20	102	112	101	0.14
50	0.02	0.20	120	115	102	0.14
55	0.04	0.35	121	116	103	0.20
60	0.04	0.35	120	117	104	0.20
65	0.07	0.60	119	117	104	0.26
70	0.07	0.60	118	118	104	0.26
75	0.04	0.35	122	115	105	0.20
80	0.04	0.35	115	115	105	0.20
85	0.02	0.20	109	101	101	0.14
90	0.07	0.60	135	103	101	0.26
95	0.07	0.60	135	103	101	0.26
100	0.05	0.40	167	98	98	0.22

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Run D1 Summary

Facility	Naval Station Guantanamo Bay	**Run Number**	D1
Location	Guantanamo Bay, Cuba	**Start Time**	13:15
Stack	Air Curtain Incinerator D-1	**Finish Time**	16:17
Run Date	4/18/2016	**Weather**	Clear

(Θ) Total Time (minutes)	105.0	**Impinger Condensate (g or ml)**	0.0
(P_{bar}) Barometric Pressure (inches Hg)	30.00	**Silica Gel Condensate (g)**	16.6
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	16.6
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0006158	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1885	**Nitrogen (%)**	79.0
(Y) Meter Correction	1.003	**(V_m) Volume Metered (ft^3)**	37.753
Nozzle Diameter (inches)	0.336	**(ΔH_{avg}) Delta H (inches H_2O)**	0.3381
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.20
Total Front Half Weight (grams)	0.0319	**(P_s)Stack Pressure (inches Hg)**	29.99
Total Back Half Weight (grams)	0.0268	**($T_{s(abs)}$) Stack Temp (°R)**	579.0
Total Particulate (grams)	0.0587	**(T_m) Meter Temp (°R)**	564.6

($V_{w(std)}$) Volume Water Vapor, SCF	0.781
($V_{m(std)}$) Gas Volume Sampled, STPD	35.520
Total Volume, STP	36.302
(B_{ws}) Moisture in stack gas, volume fraction	0.022
(B_{wd}) Dry Stack Gas, volume fraction	0.978
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.63
(G_s) Specific gravity of Stack Gas Relative to Air	0.988
(v_s) Average Stack Velocity, FPM	667.0
(I) Percent Isokinetic	92

Stack Emissions:	**(C_{sf}) Front Half Grams per DSCF**	0.0009
	(C_{sb}) Back Half Grams per DSCF	0.0008
	(C_{st}) Total Grams per DSCF	0.0017

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	PM/CPM/Metals Run D2
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/19/16
Run Number	D2
Start Time	12:17
Finish Time	14:17
Weather	Clear
Total Time (minutes) (Θ)	120.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.95
Static Pressure (inches H_2O) (P_g)	-0.20
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.336
Meter Y Factor (Y)	1.003
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	781.786
Initial Meter Reading (ft^3)	733.019
Meter Correction (ft^3)	0.000
Condensate (grams or ml)	8
Silica Gel Weight (grams)	7.8
Carbon Dioxide (%)	0.1
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.3
Filter Weight (grams)	0.0194
Prefilter Weight (grams)	0.0132
Inorganic CPM Weight (grams)	0.0109
Organic CPM Weight (grams)	0.0097
Inorganic Field Blank Weight (grams)	0.0012
Organic Field Blank Weight (grams)	0.0027
Isokinetic Rate Factor	8.6

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Field Data Points - Run D2 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Minute	Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0	0.06	0.50	101	95	93	0.24
5	0.04	0.35	107	100	94	0.20
10	0.06	0.50	103	105	93	0.24
15	0.07	0.60	102	108	95	0.26
20	0.06	0.50	307	110	95	0.24
25	0.06	0.50	268	110	97	0.24
30	0.04	0.35	230	110	98	0.20
35	0.02	0.20	188	110	98	0.14
40	0.05	0.43	200	111	100	0.22
45	0.06	0.50	225	112	100	0.24
50	0.06	0.50	192	113	101	0.24
55	0.04	0.35	179	114	102	0.20
60	0.04	0.35	167	114	103	0.20
65	0.04	0.35	159	113	103	0.20
70	0.04	0.35	138	113	104	0.20
75	0.02	0.20	120	112	103	0.14
80	0.02	0.20	119	110	103	0.14
85	0.02	0.20	117	110	103	0.14
90	0.02	0.20	111	109	102	0.14
95	0.05	0.43	117	109	102	0.22
100	0.05	0.43	130	111	102	0.23
105	0.05	0.43	145	111	102	0.22
110	0.05	0.43	139	112	102	0.22
115	0.05	0.43	121	111	102	0.22

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Run D2 Summary

Facility	Naval Station Guantanamo Bay	**Run Number**	D2
Location	Guantanamo Bay, Cuba	**Start Time**	12:17
Stack	Air Curtain Incinerator D-1	**Finish Time**	14:17
Run Date	4/19/2016	**Weather**	Clear

(Θ) Total Time (minutes)	120.0	**Impinger Condensate (g or ml)**	8.0
(P_{bar}) Barometric Pressure (inches Hg)	29.95	**Silica Gel Condensate (g)**	7.8
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	15.8
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.1
(A_n) Nozzle Area (ft^2)	0.0006158	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.2078	**Nitrogen (%)**	79.3
(Y) Meter Correction	1.003	**(V_m) Volume Metered (ft^3)**	48.767
Nozzle Diameter (inches)	0.336	**(ΔH_{avg}) Delta H (inches H_2O)**	0.3867
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.20
Total Front Half Weight (grams)	0.0326	**(P_s)Stack Pressure (inches Hg)**	29.94
Total Back Half Weight (grams)	0.0167	**($T_{s(abs)}$) Stack Temp (°R)**	617.7
Total Particulate (grams)	0.0493	**(T_m) Meter Temp (°R)**	564.8

($V_{w(std)}$) Volume Water Vapor, SCF		0.744
($V_{m(std)}$) Gas Volume Sampled, STPD		45.798
Total Volume, STP		46.542
(B_{ws}) Moisture in stack gas, volume fraction		0.016
(B_{wd}) Dry Stack Gas, volume fraction		0.984
(M_d) Molecular Weight of Stack Gas (Dry Basis)		28.84
(M_s) Molecular Weight of Stack Gas (Stack conditions)		28.67
(G_s) Specific gravity of Stack Gas Relative to Air		0.989
(v_s) Average Stack Velocity, FPM		759.7
(I) Percent Isokinetic		97
Stack Emissions:	**(C_{sf}) Front Half Grams per DSCF**	0.0007
	(C_{sb}) Back Half Grams per DSCF	0.0004
	(C_{st}) Total Grams per DSCF	0.0011

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	PM/CPM/Metals Run D3
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/20/16
Run Number	D3
Start Time	14:51
Finish Time	17:09
Weather	Clear
Total Time (minutes) (Θ)	120.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.96
Static Pressure (inches H_2O) (P_g)	-0.20
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.336
Meter Y Factor (Y)	1.003
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	882.508
Initial Meter Reading (ft^3)	828.608
Meter Correction (ft^3)	2.918
Condensate (grams or ml)	8
Silica Gel Weight (grams)	10.1
Carbon Dioxide (%)	0.2
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.2
Filter Weight (grams)	0.0620
Prefilter Weight (grams)	0.0095
Inorganic CPM Weight (grams)	0.0218
Organic CPM Weight (grams)	0.0108
Inorganic Field Blank Weight (grams)	0.0012
Organic Field Blank Weight (grams)	0.0027
Isokinetic Rate Factor	8.6

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Field Data Points - Run D3 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Minute	Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0	0.02	0.20	114	98	95	0.14
5	0.05	0.43	111	98	94	0.22
10	0.05	0.43	118	102	94	0.22
15	0.04	0.35	118	104	93	0.20
20	0.04	0.35	116	104	94	0.20
25	0.04	0.35	116	105	94	0.20
30	0.04	0.35	113	102	95	0.20
35	0.04	0.35	115	106	95	0.20
40	0.05	0.43	119	106	96	0.22
45	0.05	0.43	113	107	96	0.22
50	0.05	0.43	116	107	97	0.22
55	0.05	0.43	108	108	97	0.22
60	0.05	0.43	111	108	98	0.22
65	0.05	0.43	109	109	99	0.22
70	0.05	0.43	106	109	99	0.22
75	0.05	0.43	117	109	99	0.22
80	0.05	0.43	113	109	100	0.22
85	0.05	0.43	294	108	100	0.22
90	0.06	0.51	199	101	100	0.24
95	0.06	0.51	167	104	99	0.24
100	0.06	0.51	144	105	99	0.24
105	0.05	0.43	140	106	98	0.22
110	0.06	0.51	125	106	98	0.24
115	0.05	0.43	129	107	98	0.22

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Run D3 Summary

Facility	Naval Station Guantanamo Bay	**Run Number**	D3
Location	Guantanamo Bay, Cuba	**Start Time**	14:51
Stack	Air Curtain Incinerator D-1	**Finish Time**	17:09
Run Date	4/20/2016	**Weather**	Clear

(Θ) Total Time (minutes)	120.0	**Impinger Condensate (g or ml)**	8.0
(P_{bar}) Barometric Pressure (inches Hg)	29.96	**Silica Gel Condensate (g)**	10.1
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	18.1
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0006158	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.2188	**Nitrogen (%)**	79.2
(Y) Meter Correction	1.003	**(V_m) Volume Metered (ft^3)**	50.982
Nozzle Diameter (inches)	0.336	**(ΔH_{avg}) Delta H (inches H_2O)**	0.4171
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.20
Total Front Half Weight (grams)	0.0715	**(P_s)Stack Pressure (inches Hg)**	29.95
Total Back Half Weight (grams)	0.0287	**($T_{s(abs)}$) Stack Temp (°R)**	590.5
Total Particulate (grams)	0.1002	**(T_m) Meter Temp (°R)**	561.1

($V_{w(std)}$) Volume Water Vapor, SCF		0.852
($V_{m(std)}$) Gas Volume Sampled, STPD		48.209
Total Volume, STP		49.061
(B_{ws}) Moisture in stack gas, volume fraction		0.017
(B_{wd}) Dry Stack Gas, volume fraction		0.983
(M_d) Molecular Weight of Stack Gas (Dry Basis)		28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)		28.67
(G_s) Specific gravity of Stack Gas Relative to Air		0.989
(v_s) Average Stack Velocity, FPM		781.9
(I) Percent Isokinetic		95
Stack Emissions:	**(C_{sf}) Front Half Grams per DSCF**	0.0015
	(C_{sb}) Back Half Grams per DSCF	0.0006
	(C_{st}) Total Grams per DSCF	0.0021

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	PM/CPM/Metals Run D4
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/21/16
Run Number	D4
Start Time	8:31
Finish Time	10:45
Weather	Clear
Total Time (minutes) (Θ)	121.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.96
Static Pressure (inches H_2O) (P_g)	-0.20
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.346
Meter Y Factor (Y)	1.003
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	949.622
Initial Meter Reading (ft^3)	883.133
Meter Correction (ft^3)	0.486
Condensate (grams or ml)	7
Silica Gel Weight (grams)	11.7
Carbon Dioxide (%)	0.3
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.1
Filter Weight (grams)	0.0410
Prefilter Weight (grams)	0.0110
Inorganic CPM Weight (grams)	0.0146
Organic CPM Weight (grams)	0.0086
Inorganic Field Blank Weight (grams)	0.0012
Organic Field Blank Weight (grams)	0.0027
Isokinetic Rate Factor	11.1

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Field Data Points - Run D4 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Minute	Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0	0.04	0.45	94	79	77	0.20
5	0.04	0.45	94	84	77	0.20
10	0.05	0.56	92	90	77	0.22
15	0.05	0.56	92	96	79	0.22
20	0.05	0.56	92	100	80	0.22
25	0.05	0.56	91	103	82	0.22
30	0.05	0.56	93	106	85	0.22
35	0.05	0.56	92	107	86	0.22
40	0.05	0.56	91	108	88	0.22
45	0.07	0.78	92	107	89	0.26
50	0.07	0.78	94	110	91	0.26
55	0.07	0.78	98	110	91	0.26
60	0.07	0.78	99	110	93	0.26
65	0.08	0.89	98	110	94	0.28
70	0.08	0.89	105	110	95	0.28
75	0.08	0.89	103	111	96	0.28
80	0.08	0.89	101	111	97	0.28
85	0.08	0.89	103	111	98	0.28
90	0.08	0.89	107	111	98	0.28
95	0.07	0.78	102	110	98	0.26
100	0.07	0.78	102	106	97	0.26
105	0.05	0.56	101	101	99	0.22
110	0.05	0.56	102	104	99	0.22
115	0.05	0.56	102	108	98	0.22
120	0.05	0.56	99	110	98	0.22

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Run D4 Summary

Facility	Naval Station Guantanamo Bay	**Run Number**	D4
Location	Guantanamo Bay, Cuba	**Start Time**	8:31
Stack	Air Curtain Incinerator D-1	**Finish Time**	10:45
Run Date	4/21/2016	**Weather**	Clear

(Θ) Total Time (minutes)	121.0	**Impinger Condensate (g or ml)**	7.0
(P_{bar}) Barometric Pressure (inches Hg)	29.96	**Silica Gel Condensate (g)**	11.7
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	18.7
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.3
(A_n) Nozzle Area (ft^2)	0.0006529	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.2458	**Nitrogen (%)**	79.1
(Y) Meter Correction	1.003	**(V_m) Volume Metered (ft^3)**	66.489
Nozzle Diameter (inches)	0.346	**(ΔH_{avg}) Delta H (inches H_2O)**	0.6832
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.20
Total Front Half Weight (grams)	0.0520	**(P_s)Stack Pressure (inches Hg)**	29.95
Total Back Half Weight (grams)	0.0193	**($T_{s(abs)}$) Stack Temp (°R)**	557.6
Total Particulate (grams)	0.0713	**(T_m) Meter Temp (°R)**	557.5

($V_{w(std)}$) Volume Water Vapor, SCF		0.880
($V_{m(std)}$) Gas Volume Sampled, STPD		63.325
Total Volume, STP		64.205
(B_{ws}) Moisture in stack gas, volume fraction		0.014
(B_{wd}) Dry Stack Gas, volume fraction		0.986
(M_d) Molecular Weight of Stack Gas (Dry Basis)		28.87
(M_s) Molecular Weight of Stack Gas (Stack conditions)		28.72
(G_s) Specific gravity of Stack Gas Relative to Air		0.991
(v_s) Average Stack Velocity, FPM		852.6
(I) Percent Isokinetic		101
Stack Emissions:	**(C_{sf}) Front Half Grams per DSCF**	0.0008
	(C_{sb}) Back Half Grams per DSCF	0.0003
	(C_{st}) Total Grams per DSCF	0.0011

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	PM/CPM/Metals Run D5
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/22/16
Run Number	D5
Start Time	8:37
Finish Time	10:53
Weather	Clear
Total Time (minutes) (Θ)	120.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.91
Static Pressure (inches H_2O) (P_g)	-0.20
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.346
Meter Y Factor (Y)	1.003
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	1006.253
Initial Meter Reading (ft^3)	948.513
Meter Correction (ft^3)	0.396
Condensate (grams or ml)	8
Silica Gel Weight (grams)	9.1
Carbon Dioxide (%)	0.3
Oxygen (%)	20.7
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Filter Weight (grams)	0.0501
Prefilter Weight (grams)	0.0125
Inorganic CPM Weight (grams)	0.0117
Organic CPM Weight (grams)	0.0050
Inorganic Field Blank Weight (grams)	0.0012
Organic Field Blank Weight (grams)	0.0027
Isokinetic Rate Factor	11.1

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Field Data Points - Run D5 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Minute	Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0	0.04	0.45	90	81	80	0.20
5	0.04	0.45	97	85	80	0.20
10	0.04	0.45	143	92	80	0.20
15	0.04	0.45	150	96	80	0.20
20	0.03	0.33	115	99	81	0.17
25	0.05	0.56	103	101	82	0.22
30	0.05	0.56	100	103	83	0.22
35	0.05	0.56	98	104	85	0.22
40	0.04	0.45	96	105	85	0.20
45	0.04	0.45	94	104	87	0.20
50	0.04	0.45	96	105	87	0.20
55	0.04	0.45	95	106	88	0.20
60	0.05	0.56	93	107	88	0.22
65	0.05	0.56	94	107	90	0.22
70	0.05	0.56	94	107	90	0.22
75	0.05	0.56	93	97	92	0.22
80	0.05	0.56	97	101	91	0.22
85	0.05	0.56	103	105	91	0.22
90	0.05	0.56	98	106	91	0.22
95	0.05	0.56	95	105	92	0.22
100	0.06	0.67	91	105	91	0.24
105	0.06	0.67	103	106	91	0.24
110	0.06	0.67	145	104	92	0.24
115	0.06	0.67	162	105	92	0.24

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Run D5 Summary

Facility	Naval Station Guantanamo Bay	**Run Number**	D5
Location	Guantanamo Bay, Cuba	**Start Time**	8:37
Stack	Air Curtain Incinerator D-1	**Finish Time**	10:53
Run Date	4/22/2016	**Weather**	Clear

(Θ) Total Time (minutes)	120.0	**Impinger Condensate (g or ml)**	8.0
(P_{bar}) Barometric Pressure (inches Hg)	29.91	**Silica Gel Condensate (g)**	9.1
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	17.1
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.3
(A_n) Nozzle Area (ft^2)	0.0006529	**Oxygen (%)**	20.7
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.2172	**Nitrogen (%)**	79.0
(Y) Meter Correction	1.003	**(V_m) Volume Metered (ft^3)**	57.344
Nozzle Diameter (inches)	0.346	**(ΔH_{avg}) Delta H (inches H_2O)**	0.5321
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.20
Total Front Half Weight (grams)	0.0626	**(P_s)Stack Pressure (inches Hg)**	29.90
Total Back Half Weight (grams)	0.0128	**($T_{s(abs)}$) Stack Temp (°R)**	566.0
Total Particulate (grams)	0.0754	**(T_m) Meter Temp (°R)**	554.3

($V_{w(std)}$) Volume Water Vapor, SCF		0.805
($V_{m(std)}$) Gas Volume Sampled, STPD		54.821
Total Volume, STP		55.626
(B_{ws}) Moisture in stack gas, volume fraction		0.014
(B_{wd}) Dry Stack Gas, volume fraction		0.986
(M_d) Molecular Weight of Stack Gas (Dry Basis)		28.88
(M_s) Molecular Weight of Stack Gas (Stack conditions)		28.72
(G_s) Specific gravity of Stack Gas Relative to Air		0.991
(v_s) Average Stack Velocity, FPM		759.9
(I) Percent Isokinetic		100
Stack Emissions:	**(C_{sf}) Front Half Grams per DSCF**	0.0011
	(C_{sb}) Back Half Grams per DSCF	0.0002
	(C_{st}) Total Grams per DSCF	0.0014

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	PM/CPM/Metals Run N1
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/25/16
Run Number	N1
Start Time	17:53
Finish Time	20:50
Weather	Clear
Total Time (minutes) (Θ)	120.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.82
Static Pressure (inches H_2O) (P_g)	-0.10
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.346
Meter Y Factor (Y)	1.003
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	51.310
Initial Meter Reading (ft^3)	11.770
Meter Correction (ft^3)	3.390
Condensate (grams or ml)	8
Silica Gel Weight (grams)	12.0
Carbon Dioxide (%)	0.3
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.1
Filter Weight (grams)	0.0943
Prefilter Weight (grams)	0.0194
Inorganic CPM Weight (grams)	0.0295
Organic CPM Weight (grams)	0.0164
Inorganic Field Blank Weight (grams)	0.0012
Organic Field Blank Weight (grams)	0.0027
Isokinetic Rate Factor	11.1

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Field Data Points - Run N1 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Minute	Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0	0.02	0.22	171	95	96	0.14
5	0.02	0.22	176	96	96	0.14
10	0.02	0.22	166	99	95	0.14
15	0.02	0.22	163	101	95	0.14
20	0.02	0.22	165	102	94	0.14
25	0.02	0.22	153	101	94	0.14
30	0.02	0.22	144	97	95	0.14
35	0.02	0.22	156	100	95	0.14
40	0.02	0.22	143	103	94	0.14
45	0.02	0.22	170	105	95	0.14
50	0.02	0.22	149	99	97	0.14
55	0.02	0.22	184	101	97	0.14
60	0.02	0.22	168	103	96	0.14
65	0.02	0.22	153	104	96	0.14
70	0.02	0.22	116	103	96	0.14
75	0.02	0.22	133	99	94	0.14
80	0.02	0.22	131	101	93	0.14
85	0.02	0.22	132	102	93	0.14
90	0.02	0.22	128	102	93	0.14
95	0.02	0.22	125	102	93	0.14
100	0.02	0.22	108	92	91	0.14
105	0.02	0.22	109	94	90	0.14
110	0.02	0.22	122	97	89	0.14
115	0.02	0.22	122	98	89	0.14

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Run N1 Summary

Facility	Naval Station Guantanamo Bay	**Run Number**	N1
Location	Guantanamo Bay, Cuba	**Start Time**	17:53
Stack	Air Curtain Incinerator D-1	**Finish Time**	20:50
Run Date	4/25/2016	**Weather**	Clear

(Θ) Total Time (minutes)	120.0	**Impinger Condensate (g or ml)**	8.0
(P_{bar}) Barometric Pressure (inches Hg)	29.82	**Silica Gel Condensate (g)**	12.0
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	20.0
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.3
(A_n) Nozzle Area (ft^2)	0.0006529	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1414	**Nitrogen (%)**	79.1
(Y) Meter Correction	1.003	**(V_m) Volume Metered (ft^3)**	36.150
Nozzle Diameter (inches)	0.346	**(ΔH_{avg}) Delta H (inches H_2O)**	0.2200
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.10
Total Front Half Weight (grams)	0.1137	**(P_s)Stack Pressure (inches Hg)**	29.81
Total Back Half Weight (grams)	0.0420	**($T_{s(abs)}$) Stack Temp (°R)**	605.3
Total Particulate (grams)	0.1557	**(T_m) Meter Temp (°R)**	556.9

($V_{w(std)}$) Volume Water Vapor, SCF		0.941
($V_{m(std)}$) Gas Volume Sampled, STPD		34.266
Total Volume, STP		35.207
(B_{ws}) Moisture in stack gas, volume fraction		0.027
(B_{wd}) Dry Stack Gas, volume fraction		0.973
(M_d) Molecular Weight of Stack Gas (Dry Basis)		28.87
(M_s) Molecular Weight of Stack Gas (Stack conditions)		28.58
(G_s) Specific gravity of Stack Gas Relative to Air		0.986
(v_s) Average Stack Velocity, FPM		513.6
(I) Percent Isokinetic		101
Stack Emissions:	**(C_{sf}) Front Half Grams per DSCF**	0.0033
	(C_{sb}) Back Half Grams per DSCF	0.0012
	(C_{st}) Total Grams per DSCF	0.0045

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	PM/CPM/Metals Run N2
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/26/16
Run Number	N2
Start Time	18:27
Finish Time	20:27
Weather	Clear
Total Time (minutes) (Θ)	120.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.80
Static Pressure (inches H_2O) (P_g)	-0.10
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.347
Meter Y Factor (Y)	1.003
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	90.426
Initial Meter Reading (ft^3)	52.433
Meter Correction (ft^3)	0.000
Condensate (grams or ml)	6
Silica Gel Weight (grams)	4.5
Carbon Dioxide (%)	0.5
Oxygen (%)	20.5
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Filter Weight (grams)	0.0426
Prefilter Weight (grams)	0.0077
Inorganic CPM Weight (grams)	0.0189
Organic CPM Weight (grams)	0.0301
Inorganic Field Blank Weight (grams)	0.0012
Organic Field Blank Weight (grams)	0.0027
Isokinetic Rate Factor	11.1

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Field Data Points - Run N2 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Minute	Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0	0.02	0.22	118	93	94	0.14
5	0.02	0.22	116	95	94	0.14
10	0.02	0.22	116	98	93	0.14
15	0.02	0.22	115	100	93	0.14
20	0.02	0.22	118	102	92	0.14
25	0.02	0.22	117	103	92	0.14
30	0.02	0.22	111	104	92	0.14
35	0.02	0.22	113	104	93	0.14
40	0.02	0.22	108	105	93	0.14
45	0.02	0.22	108	105	94	0.14
50	0.02	0.22	107	106	93	0.14
55	0.02	0.22	108	106	94	0.14
60	0.02	0.22	107	106	93	0.14
65	0.02	0.22	104	106	95	0.14
70	0.02	0.22	110	106	94	0.14
75	0.02	0.22	107	106	95	0.14
80	0.02	0.22	107	105	95	0.14
85	0.02	0.22	101	105	95	0.14
90	0.02	0.22	96	105	94	0.14
95	0.02	0.22	89	104	94	0.14
100	0.02	0.22	89	104	92	0.14
105	0.02	0.22	95	104	93	0.14
110	0.02	0.22	100	104	93	0.14
115	0.02	0.22	94	104	94	0.14

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Run N2 Summary

Facility	Naval Station Guantanamo Bay	**Run Number**	N2
Location	Guantanamo Bay, Cuba	**Start Time**	18:27
Stack	Air Curtain Incinerator D-1	**Finish Time**	20:27
Run Date	4/26/2016	**Weather**	Clear

(Θ) Total Time (minutes)	120.0	**Impinger Condensate (g or ml)**	6.0
(P_{bar}) Barometric Pressure (inches Hg)	29.80	**Silica Gel Condensate (g)**	4.5
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	10.5
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.5
(A_n) Nozzle Area (ft^2)	0.0006567	**Oxygen (%)**	20.5
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1414	**Nitrogen (%)**	79.0
(Y) Meter Correction	1.003	**(V_m) Volume Metered (ft^3)**	37.993
Nozzle Diameter (inches)	0.347	**(ΔH_{avg}) Delta H (inches H_2O)**	0.2200
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.10
Total Front Half Weight (grams)	0.0503	**(P_s)Stack Pressure (inches Hg)**	29.79
Total Back Half Weight (grams)	0.0451	**($T_{s(abs)}$) Stack Temp (°R)**	566.4
Total Particulate (grams)	0.0954	**(T_m) Meter Temp (°R)**	558.4

($V_{w(std)}$) Volume Water Vapor, SCF		0.494
($V_{m(std)}$) Gas Volume Sampled, STPD		35.892
Total Volume, STP		36.386
(B_{ws}) Moisture in stack gas, volume fraction		0.014
(B_{wd}) Dry Stack Gas, volume fraction		0.986
(M_d) Molecular Weight of Stack Gas (Dry Basis)		28.90
(M_s) Molecular Weight of Stack Gas (Stack conditions)		28.75
(G_s) Specific gravity of Stack Gas Relative to Air		0.992
(v_s) Average Stack Velocity, FPM		495.5
(I) Percent Isokinetic		100
Stack Emissions:	**(C_{sf}) Front Half Grams per DSCF**	0.0014
	(C_{sb}) Back Half Grams per DSCF	0.0013
	(C_{st}) Total Grams per DSCF	0.0027

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Volumetric Flow Calculations Worksheet

Data Request Entry Area	PM/CPM/Metals Run N3
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/27/16
Run Number	N3
Start Time	20:04
Finish Time	22:04
Weather	Clear
Total Time (minutes) (Θ)	120.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.81
Static Pressure (inches H_2O) (P_g)	-0.10
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.347
Meter Y Factor (Y)	1.003
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	129.010
Initial Meter Reading (ft^3)	91.010
Meter Correction (ft^3)	0.000
Condensate (grams or ml)	10
Silica Gel Weight (grams)	6.1
Carbon Dioxide (%)	0.2
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Filter Weight (grams)	0.0365
Prefilter Weight (grams)	0.0064
Inorganic CPM Weight (grams)	0.0144
Organic CPM Weight (grams)	0.0188
Inorganic Field Blank Weight (grams)	0.0012
Organic Field Blank Weight (grams)	0.0027
Isokinetic Rate Factor	11.1

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Field Data Points - Run N3 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Minute	Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0	0.02	0.22	114	87	87	0.14
5	0.02	0.22	111	90	89	0.14
10	0.02	0.22	109	93	88	0.14
15	0.02	0.22	100	96	88	0.14
20	0.02	0.22	107	96	87	0.14
25	0.02	0.22	108	99	88	0.14
30	0.02	0.22	103	101	88	0.14
35	0.02	0.22	107	101	89	0.14
40	0.02	0.22	107	102	88	0.14
45	0.02	0.22	101	103	89	0.14
50	0.02	0.22	104	105	89	0.14
55	0.02	0.22	110	104	91	0.14
60	0.02	0.22	105	105	90	0.14
65	0.02	0.22	108	105	92	0.14
70	0.02	0.22	106	106	92	0.14
75	0.02	0.22	93	106	93	0.14
80	0.02	0.22	95	106	92	0.14
85	0.02	0.22	102	106	93	0.14
90	0.02	0.22	103	104	93	0.14
95	0.02	0.22	101	104	94	0.14
100	0.02	0.22	100	103	93	0.14
105	0.02	0.22	96	102	94	0.14
110	0.02	0.22	94	102	93	0.14
115	0.02	0.22	94	100	94	0.14

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Run N3 Summary

Facility	Naval Station Guantanamo Bay	**Run Number**	N3
Location	Guantanamo Bay, Cuba	**Start Time**	20:04
Stack	Air Curtain Incinerator D-1	**Finish Time**	22:04
Run Date	4/27/2016	**Weather**	Clear

(Θ) Total Time (minutes)	120.0	**Impinger Condensate (g or ml)**	10.0
(P_{bar}) Barometric Pressure (inches Hg)	29.81	**Silica Gel Condensate (g)**	6.1
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	16.1
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0006567	**Oxyg+E17en (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1414	**Nitrogen (%)**	79.0
(Y) Meter Correction	1.003	**(V_m) Volume Metered (ft^3)**	38.000
Nozzle Diameter (inches)	0.347	**(ΔH_{avg}) Delta H (inches H_2O)**	0.2200
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.10
Total Front Half Weight (grams)	0.0429	**(P_s)Stack Pressure (inches Hg)**	29.80
Total Back Half Weight (grams)	0.0293	**($T_{s(abs)}$) Stack Temp (°R)**	563.3
Total Particulate (grams)	0.0722	**(T_m) Meter Temp (°R)**	555.8

($V_{w(std)}$) Volume Water Vapor, SCF		0.758
($V_{m(std)}$) Gas Volume Sampled, STPD		36.077
Total Volume, STP		36.835
(B_{ws}) Moisture in stack gas, volume fraction		0.021
(B_{wd}) Dry Stack Gas, volume fraction		0.979
(M_d) Molecular Weight of Stack Gas (Dry Basis)		28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)		28.64
(G_s) Specific gravity of Stack Gas Relative to Air		0.988
(v_s) Average Stack Velocity, FPM		495.0
(I) Percent Isokinetic		101
Stack Emissions:	**(C_{sf}) Front Half Grams per DSCF**	0.0012
	(C_{sb}) Back Half Grams per DSCF	0.0008
	(C_{st}) Total Grams per DSCF	0.0020

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Volumetric Flow Calculations Worksheet

Data Request Entry Area	PM/CPM/Metals Run N4
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/28/16
Run Number	N4
Start Time	20:59
Finish Time	22:59
Weather	Clear
Total Time (minutes) (Θ)	120.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.81
Static Pressure (inches H_2O) (P_g)	-0.10
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.347
Meter Y Factor (Y)	1.003
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	167.455
Initial Meter Reading (ft^3)	129.909
Meter Correction (ft^3)	0.000
Condensate (grams or ml)	8
Silica Gel Weight (grams)	9.0
Carbon Dioxide (%)	0.2
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Filter Weight (grams)	0.0110
Prefilter Weight (grams)	0.0025
Inorganic CPM Weight (grams)	0.0100
Organic CPM Weight (grams)	0.0082
Inorganic Field Blank Weight (grams)	0.0012
Organic Field Blank Weight (grams)	0.0027
Isokinetic Rate Factor	11.1

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Field Data Points - Run N4 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Minute	Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0	0.02	0.22	88	85	85	0.14
5	0.02	0.22	98	88	85	0.14
10	0.02	0.22	94	91	84	0.14
15	0.02	0.22	92	93	84	0.14
20	0.02	0.22	90	96	84	0.14
25	0.02	0.22	89	97	85	0.14
30	0.02	0.22	91	99	85	0.14
35	0.02	0.22	89	99	86	0.14
40	0.02	0.22	89	100	86	0.14
45	0.02	0.22	90	101	87	0.14
50	0.02	0.22	87	102	87	0.14
55	0.02	0.22	88	102	89	0.14
60	0.02	0.22	88	103	88	0.14
65	0.02	0.22	89	103	90	0.14
70	0.02	0.22	90	104	90	0.14
75	0.02	0.22	88	104	91	0.14
80	0.02	0.22	87	104	90	0.14
85	0.02	0.22	86	104	91	0.14
90	0.02	0.22	86	104	90	0.14
95	0.02	0.22	86	105	92	0.14
100	0.02	0.22	87	104	91	0.14
105	0.02	0.22	87	104	92	0.14
110	0.02	0.22	85	104	92	0.14
115	0.02	0.22	84	105	93	0.14

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Run N4 Summary

Facility	Naval Station Guantanamo Bay	**Run Number**	N4
Location	Guantanamo Bay, Cuba	**Start Time**	20:59
Stack	Air Curtain Incinerator D-1	**Finish Time**	22:59
Run Date	4/28/2016	**Weather**	Clear

(Θ) Total Time (minutes)	120.0	**Impinger Condensate (g or ml)**	8.0
(P_{bar}) Barometric Pressure (inches Hg)	29.81	**Silica Gel Condensate (g)**	9.0
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	17.0
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0006567	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1414	**Nitrogen (%)**	79.0
(Y) Meter Correction	1.003	**(V_m) Volume Metered (ft^3)**	37.546
Nozzle Diameter (inches)	0.347	**(ΔH_{avg}) Delta H (inches H_2O)**	0.2200
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.10
Total Front Half Weight (grams)	0.0135	**(P_s)Stack Pressure (inches Hg)**	29.80
Total Back Half Weight (grams)	0.0143	**($T_{s(abs)}$) Stack Temp (°R)**	548.7
Total Particulate (grams)	0.0278	**(T_m) Meter Temp (°R)**	554.1

($V_{w(std)}$) Volume Water Vapor, SCF		0.800
($V_{m(std)}$) Gas Volume Sampled, STPD		35.756
Total Volume, STP		36.557
(B_{ws}) Moisture in stack gas, volume fraction		0.022
(B_{wd}) Dry Stack Gas, volume fraction		0.978
(M_d) Molecular Weight of Stack Gas (Dry Basis)		28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)		28.63
(G_s) Specific gravity of Stack Gas Relative to Air		0.987
(v_s) Average Stack Velocity, FPM		488.7
(I) Percent Isokinetic		99
Stack Emissions:	**(C_{sf}) Front Half Grams per DSCF**	0.0004
	(C_{sb}) Back Half Grams per DSCF	0.0004
	(C_{st}) Total Grams per DSCF	0.0008

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	PM/CPM/Metals Run N5
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/29/16
Run Number	N5
Start Time	17:32
Finish Time	19:32
Weather	Clear
Total Time (minutes) (Θ)	120.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.90
Static Pressure (inches H_2O) (P_g)	-0.10
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.347
Meter Y Factor (Y)	1.003
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	206.173
Initial Meter Reading (ft^3)	168.649
Meter Correction (ft^3)	0.000
Condensate (grams or ml)	8
Silica Gel Weight (grams)	7.6
Carbon Dioxide (%)	0.1
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.1
Filter Weight (grams)	0.0301
Prefilter Weight (grams)	0.0055
Inorganic CPM Weight (grams)	0.0123
Organic CPM Weight (grams)	0.0129
Inorganic Field Blank Weight (grams)	0.0012
Organic Field Blank Weight (grams)	0.0027
Isokinetic Rate Factor	11.1

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Field Data Points - Run N5 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Minute	Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0	0.02	0.22	106	94	94	0.14
5	0.02	0.22	114	95	95	0.14
10	0.02	0.22	107	98	94	0.14
15	0.02	0.22	102	100	94	0.14
20	0.02	0.22	99	101	93	0.14
25	0.02	0.22	106	102	93	0.14
30	0.02	0.22	112	102	93	0.14
35	0.02	0.22	99	103	93	0.14
40	0.02	0.22	95	103	92	0.14
45	0.02	0.22	93	103	93	0.14
50	0.02	0.22	90	102	92	0.14
55	0.02	0.22	88	104	93	0.14
60	0.02	0.22	95	104	92	0.14
65	0.02	0.22	94	105	93	0.14
70	0.02	0.22	97	105	93	0.14
75	0.02	0.22	94	106	94	0.14
80	0.02	0.22	90	106	93	0.14
85	0.02	0.22	88	105	94	0.14
90	0.02	0.22	88	105	94	0.14
95	0.02	0.22	86	104	94	0.14
100	0.02	0.22	93	104	93	0.14
105	0.02	0.22	95	104	93	0.14
110	0.02	0.22	92	104	93	0.14
115	0.02	0.22	86	104	93	0.14

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Run N5 Summary

Facility	Naval Station Guantanamo Bay	**Run Number**	N5
Location	Guantanamo Bay, Cuba	**Start Time**	17:32
Stack	Air Curtain Incinerator D-1	**Finish Time**	19:32
Run Date	4/29/2016	**Weather**	Clear

(Θ) Total Time (minutes)	120.0	**Impinger Condensate (g or ml)**	8.0
(P_{bar}) Barometric Pressure (inches Hg)	29.90	**Silica Gel Condensate (g)**	7.6
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	15.6
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.1
(A_n) Nozzle Area (ft^2)	0.0006567	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1414	**Nitrogen (%)**	79.1
(Y) Meter Correction	1.003	**(V_m) Volume Metered (ft^3)**	37.524
Nozzle Diameter (inches)	0.347	**(ΔH_{avg}) Delta H (inches H_2O)**	0.2200
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.10
Total Front Half Weight (grams)	0.0356	**(P_s)Stack Pressure (inches Hg)**	29.89
Total Back Half Weight (grams)	0.0213	**($T_{s(abs)}$) Stack Temp (°R)**	556.2
Total Particulate (grams)	0.0569	**(T_m) Meter Temp (°R)**	557.9

($V_{w(std)}$) Volume Water Vapor, SCF		0.734
($V_{m(std)}$) Gas Volume Sampled, STPD		35.598
Total Volume, STP		36.333
(B_{ws}) Moisture in stack gas, volume fraction		0.020
(B_{wd}) Dry Stack Gas, volume fraction		0.980
(M_d) Molecular Weight of Stack Gas (Dry Basis)		28.85
(M_s) Molecular Weight of Stack Gas (Stack conditions)		28.63
(G_s) Specific gravity of Stack Gas Relative to Air		0.988
(v_s) Average Stack Velocity, FPM		491.2
(I) Percent Isokinetic		99
Stack Emissions:	**(C_{sf}) Front Half Grams per DSCF**	0.0010
	(C_{sb}) Back Half Grams per DSCF	0.0006
	(C_{st}) Total Grams per DSCF	0.0016

SOURCE SAMPLING FIELD DATA SHEET

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Facility	GTMO					Run No.	1				
Source	~~SUNNY~~ 3 INS.					Date	4/18/16				
Weather	SUNNY					Filter Number					
Testers	WG		Test(s)	5,202,29		Barometric Pressure	30.00				
Equipment Identification	Pitot	G4-1	Probe	G4-1	Heater Box	DHB2	Meter Box	10	Cold box	S-2	CPM
Thermocouple Identification	Stack	G4-1	Impinger	S-2	Heater Box	DHB3	Meter In	M10-1	Meter Out	M10-2	CPM1
Sampling	Total min (Θ)		105	Total Points (n)		1			Min/Pt		
Profile	Stack Diameter (in) (D)		12	Downstream Dia.					Upstream Dia.		
Nozzle Diameter (avg) (D_n)	0.336	Nozzle Diameter Calibration Checks		1	0.336	2	0.336	3	0.336		
Isokinetic Factor Calculation	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})	—	Meter (ΔHa)	—	Meter (Y)	1.005	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
							AL		98.16		
Start Time	1315	Final Meter Reading (ft3)	718.857	Orsat/Fyrite/ Analyzer		O_2 (%) 20.8	20.5	Comments:			
Finish Time	1617	Initial Meter Reading (ft3)	680.758			CO_2 (%) 0.2	0.5				
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected		0	ml
.012	cfm@15"Hg	.01	cfm@ 23 "Hg	-0.20	"H_2O	0/0	at 3"	Silica Gel Weight		16.6	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	0	680.758	.04	.35	4	115	237	65	96	96	72
	5	682.6	.04	.35	4	116	259	61	99	95	72
	10	~~8~~684.5	.02	.20	3	115	264	55	104	96	74
	15	685.9	.01	.10	2	115	265	59	105	96	74
	20	687.3	.02	.20	3	115	265	57	107	97	74
	25	688.9	.06	.50	5	116	265	54	112	98	74
	30	691.0	.02	.20	3	116	265	54	112	99	74
	35	~~6~~94.~~0~~	.02	.20	3	106	266	58	111	99	76
	40	694.0	.02	.20	3	102	266	58	112	101	74
	45	695.5	.02	.20	3	102	266	58	112	101	74
	50	697.0	.02	.20	3	120	267	61	115	102	74
	55	698.5	.04	.35	5	121	267	61	116	103	75
	60	700.4	.04	.35	5	120	268	61	117	104	75

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SOURCE SAMPLING FIELD DATA SHEET

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Facility	GTMO	Run No.	1
Source	#3 INS.	Date	4/18/16
Weather	SUNNY	Filter Number	
Testers	WG	Test(s) 5, 29, 202	Factor

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	65	702.2	.07	.60	8	119	267	62	117	104	75
	70	704.5	.07	.60	14	118	268	60	118	104	75
	75	707.0	.04	.35	14	122	267	60	115	105	75
84	80 stop	709.0 ~~56~~	.04	.35	23	115	268	64	115	105	75
	85 stack	709.742 710.9	.02	.20	6	109	261	70	101	101 ~~120~~	78
	90	712..3	.07	.60	6	135	262	69	103	101	76
15 ϕ	95	715.612	.07	.60	6	135	262	69	103	101	76
~~20~~ ~~05~~	100	717.7	.05	.40	18	167	260	60	98	98	74
10	105	718.857									
~~15~~	~~110~~										
~~20~~	~~115~~										
~~25~~	~~120~~										

0.346 ft³
0.0116@23"
STOP 1438
START 1526
0.004 @15"
STOP 1541
1608

SOURCE SAMPLING FIELD DATA SHEET

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Facility	GTMO						Run No.	2			
Source	#3						Date	4/19/16			
Weather	SUNNY						Filter Number				
Testers	WG		Test(s)	5/24,20			Barometric Pressure	29.95			
Equipment Identification	Pitot	G4-1	Probe	G4	Heater Box	DHB2	Meter Box	10	Cold box	S-2	CPM
Thermocouple Identification	Stack	G4-1	Impinger	S-2	Heater Box	DHB2	Meter In	M10-1	Meter Out	M:00	
Sampling	Total min (Θ)	120	Total Points (n)	1			Min/Pt				
Profile	Stack Diameter (in) (D)	12	Downstream Dia.				Upstream Dia.				
Nozzle Diameter (avg) (D_n)	0.336	Nozzle Diameter Calibration Checks		1		2		3			
Isokinetic Factor Calculation	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})	—	Meter (ΔHa)	—	Meter (Y)	1.003	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
							N/A		98.10		
Start Time	1217	Final Meter Reading (ft3)	781.786	Orsat/Fyrite/ Analyzer		O_2 (%)	20.6	20.5	Comments:		
Finish Time	1417	Initial Meter Reading (ft3)	733.019			CO_2 (%)	0.6	0.5			
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected		8	ml
.003	cfm@15"Hg	5	cfm@ .016 "H_g	-0.20	"H_2O	C/O	at 3"	Silica Gel Weight		7.8	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	0	733.019	.06	.50	4	101	259	69	95	93	70
	5	735.3	.04	.35	4	107	261	63	100	94	70
	10	737.2	.06	.50	5	103	261	62	105	93	69
	15	739.7	.07	.60	5	102	261	60	108	95	69
	20	742.2	.06	.50	5	307	261	60	110	95	69
	25	744.5	.06	.50	5	268	261	60	110	97	72
	30	746.8	.04	.35	4	230	262	62	110	98	74
	35	748.7	.02	.20	3	188	262	62	110	98	76
	40	750.3	.05	.43	5	200	263	63	111	100	72
	45	752.5	.06	.50	5	225	263	62	112	100	72
	50	754.9	.06	.50	5	192	263	62	113	101	72
	55	757.2	.04	.35	4	179	263	63	114	102	74
	60	759.1	.04	.35	4	167	262	64	114	103	74

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SOURCE SAMPLING FIELD DATA SHEET

AASI
Ambient Air Services, Inc.
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106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMO	Run No.	2
Source	ACI	Date	4/19/16
Weather	Sunny	Filter Number	
Testers	WG	Test(s) 5 29262	Factor

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	65	761.1	.04	.35	4	159	262	62	113	103	78
	70	763.1	.04	.35	4	~~104~~ 138	262	62	113	104	78
	75	765.3	.02	.20	3	120	262	54	112	103	74
	80	766.6	.02	.20	3	119	263	55	110	103	74
	85	768.1	.02	.20	3	117	262	56	110	103	78
	90	769.7	.02	.20	3	111	262	56	109	102	78
	95	771.2	.05	.43	5	117	262	55	109	102	77
	100	773.0	.05	.43	5	130	262	56	111	102	77
	105	775.2	.05	.43	5	145	262	60	111	102	75
	110	777.4	.05	.43	5	139	262	62	112	102	76
	115	779.6	.05	.43	5	121	261	63	111	102	78
	120	781.786									

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Facility	GTMO					Run No.	3				
Source	H3					Date	4/20/16				
Weather	SUNNY					Filter Number					
Testers	WG	Test(s)	15,29,202			Barometric Pressure	29.98				
Equipment Identification	Pitot	G4-1	Probe	G4-1	Heater Box	DHB-2	Meter Box	10	Cold box	5-2	CPM
Thermocouple Identification	Stack	G4-1	Impinger	5-2	Heater Box	DHB-2	Meter In	M10-1	Meter Out	M10-2	
Sampling	Total min (Θ)		120	Total Points (n)		1			Min/Pt		
Profile	Stack Diameter (in) (D)		12	Downstream Dia.					Upstream Dia.		
Nozzle Diameter (avg) (D_n)	.336	Nozzle Diameter Calibration Checks		1	—	2	—		3	—	
Isokinetic Factor Calculation	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})	—	Meter (ΔHa)	1.414	Meter (Y)	1.003	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
									8.6		
Start Time	~~1351~~ 1451	Final Meter Reading (ft3)	882.508	Orsat/Fyrite/ Analyzer		O_2 (%) 20.6	~~20.5~~	Comments:			
Finish Time	1709	Initial Meter Reading (ft3)	828.608			CO_2 (%) 0.2	~~0.5~~				
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected		8	ml
.01	cfm@15"Hg	.006	cfm@ 6 "Hg	-0.20	"H_2O	∅	at 3"	Silica Gel Weight		10.1	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	
	0	828.608	.02	.20	3	114	257	62	~~98~~ ~~107~~ 94	95	70
	5	830.2	.05	.43	4	111	252	62	98	94	70
	10	832.3	.05	.43	4	118	259	61	102	94	70
	15	834.5	.04	.35	4	118	253	60	104	93	70
	20	836.6	.04	.35	4	116	250	61	104	94	72
	25	838.6	.04	.35	4	116	251	61	105	94	72
	30	840.6	.04	.35	4	113	252	62	102	95	74
	35	842.6	.04	.35	4	115	254	62	106	95	74
	40	844.6	.05	.43	4	119	259	62	106	96	74
	45	846.8	.05	.43	4	113	257	62	107	96	~~42~~ 74
	50	849.0	.05	.43	4	116	256	63	107	97	75
	55	851.2	.05	.43	4	108	260	63	108	~~97~~ 97	75
	60	853.3	.05	.43	4	111	255	61	108	98	76

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Facility	GTMO			Run No.	3
Source	#3			Date	4/20/16
Weather	SUNNY			Filter Number	
Testers	WG	Test(s)		Factor	8.6

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	
	65	855.6	.05	.43	4	109	257	61	109	99	76
	70	857.8	.05	.43	4	106	256	60	109	99	75
	75	859.9	.05	.43	4	117	251	61	109	99	75
	80	862.1	.05	.43	4	113	254	61	109	100	75
	85	864.2	.05	.43	9	294	256	61	108	100	75
	90	866.200	.06	.51	5	199	253	69	101	100	80
0	95	869.118 871.2	.06	.51	5	167	252	60	104	99	75
5	100	873.5	.06	.51	5	144	253	58	105	99	74
10	105	875.9	.05	.43	5	140	253	59	106	98	74
15	110	878.1	.06	.51	6	125	254	59	106	98	74
20	115	880.4	.05	.43	6	129	251	59	107	98	74
25	120	882.508									

2.918 ft³

.006@9
.001@15
4 4 6 20

1620
1640

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Facility	GTMO					**Run No.**	4				
Source	#3					**Date**	4/21/16				
Weather	SUNNY					**Filter Number**					
Testers	WG	**Test(s)**	1-5, 2, 2, 2			**Barometric Pressure**	29.96				
Equipment Identification	Pitot G4-1	Probe	G4-1	Heater Box	DBH-2	Meter Box	10	Cold box	S-2		
Thermocouple Identification	Stack G4-1	Impinger	S-2	Heater Box	DHB-2	Meter In	M10-1	Meter Out	M10-2		
Sampling	**Total min (Θ)**	120	**Total Points (n)**		1			Min/Pt			
Profile	**Stack Diameter (in) (D)**	12	Downstream Dia.					Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.346	Nozzle Diameter Calibration Checks		1	0.346	2	0.346	3	0.346		
	Pre T_s —	Pre T_m —		Pre Dry Stack Gas (B_{wd})	—		Meter (ΔHa)	1.414	**Meter (Y)**	1.003	
	$a = (D_n^2 X B_{wd})^2$	$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		**Isokinetic Rate Factor**			
Isokinetic Factor Calculation								11.1			

Start Time	0831	Final Meter Reading (ft3)	949.622	**Orsat/Fyrite/ Analyzer**		O_2 (%) 20.6	20.5	Comments:			
Finish Time	1045	Initial Meter Reading (ft3)	883.133			CO_2 (%) 0.3	0.5				
Pre Test Leak Check		Post Test Leak Check		**Static Pressure**		Pitot Leak Check		**Volume H_2O Collected**	7	ml	
.003 cfm@15"Hg		.012 cfm@ 5 "Hg		-0.20	**"H_2O**	0/0 at 3"		**Silica Gel Weight**	11.7	gr	

Port and Sample Point	Clock Time (min)	**Gas Meter Reading (cfm)**	**Stack Velocity (in H_2O)**	**Orifice Pressure Drop (in H_2O)**	Vacuum (in H_g)	**Stack Gas Temp (°F)**	Filter Temp (°F)	**Last Impinger Temp (°F)**	**Meter Temp (°F)**	**Meter Temp (°F)**	CPM
	0	883.133	.04	.45	5	94	257	67	79	77	72
	5	885.2	.04	.45	5	94	250	56	84	77	70
	10	887.5	.05	.56	6	92	252	53	90	77	69
	15	889.8	.05	.56	6	92	254	54	96	79	69
	20	892.2	.05	.56	6	92	252	55	100	80	69
	25	894.7	.05	.56	6	91	256	55	103	82	69
	30	897.1	.05	.56	6	93	255	55	106	85	68
	35	899.5	.05	.56	6	92	255	55	107	86	68
	40	902.0	.05	.56	6	91	256	55	108	88	68
	45	904.5	.07	.78	8	92	251	55	107	89	68
	50	907.4	.07	.78	8	94	256	57	110	91	69
	55	910.3	.07	.78	8	98	255	59	110	91	70
	60	913.2	.07	.78	8	99	250	62	110	93	72

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Facility	GTMO	Run No.	4
Source	#3	Date	4/21/16
Weather	SUNNY	Filter Number	
Testers	WG	Test(s)	Factor 11.1

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	65	916.1	.08	.89	8	98	257	64	110	94	76
	70	919.0	.08	.89	8	105	255	64	110	95	74
	75	922.1	.08	.89	9	103	261	64	111	96	74
	80	925.2	.08	.89	9	101	260	64	111	97	75
	85	928.2	.08	.89	9	103	257	64	111	98	75
	90	931.3	.08	.89	10	107	260	65	111	98	76
	95	934.2	.07	.78	15	102	266	65	110	98	75
	100	937.2	.07	.78	22	102	266	65	106	97	75
0	105	940.021 940.507	.05	.56	5	101	256	68	101	99	78
5	110	942.8	.05	.56	5	102	256	69	104	99	81
10	115	945.1	.05	.56	5	102	257	69	108	98	81
15	120	947.4	.05	.56	5	99	257	70	110	98	82
	121	949.622									

0.486 Ft³

.0060 @ 22
.0150 @ 15
1014
1030

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Facility	GTMO				Run No.	5	
Source	#3				Date	4/22/16	
Weather	CLOUDY + SUNNY				Filter Number		
Testers	WG	Test(s)	1-5, 27, 28		Barometric Pressure	29.91	

Equipment Identification	Pitot	G4-1	Probe	G4-1	Heater Box	DHB-2	Meter Box	M10	Cold box		
Thermocouple Identification	Stack	G4-1	Impinger	5-2	Heater Box		Meter In	M10-1	Meter Out	M10-2	
Sampling	Total min (Θ)		120	Total Points (n)		1			Min/Pt		
Profile	Stack Diameter (in) (D)		12	Downstream Dia.					Upstream Dia.		
Nozzle Diameter (avg) (D_n)	0.346	Nozzle Diameter Calibration Checks		1	—	2	—	3	—		

Isokinetic Factor Calculation	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})	—	Meter (ΔHa)	1.414	Meter (Y) 1.003
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor
									11.1

Start Time	0837	Final Meter Reading (ft3)	1006.253	Orsat/Fyrite/ Analyzer	O_2 (%) 20.7	~~20.5~~	Comments:
Finish Time	1053	Initial Meter Reading (ft3)	948.513		CO_2 (%) 0.3	~~0.5~~	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	8	ml
.002 cfm@15"Hg	.006 cfm@ 7 "H_g	-0.20 "H_2O	0/0 at 3"	Silica Gel Weight	9.1	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	0	948.513	.04	.45	5	90	253	62	81	80	74
	5	950.6	.04	.45	5	97	247	55	85	80	70
	10	952.8	.04	.45	5	143	252	53	92	80	68
	15	~~954.~~ 955.0	.04	.45	5	150	250	53	96	80	68
	20	957.2	.03	.33	4	115	250	52	99	81	68
	25	959.5	.05	.56	6	103	252	53	101	82	68
	30	961.6	.05	.56	6	100	255	53	103	83	68
	35	964.2	.05	.56	6	98	253	52	104	85	68
	40	966.7	.04	.45	5	96	253	52	105	85	68
	45	968.8	.04	.45	5	94	252	52	104	87	68
	50	~~970.~~ 971.0	.04	.45	5	96	254	53	105	87	68
	55	973.2	.04	.45	5	95	253	53	106	88	68
	60	975.4	.05	.56	6	93	252	54	107	88	68

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Facility	GTMO	Run No.	5
Source	#3	Date	4/22/16
Weather	CLOUDY	Filter Number	
Testers	WG	Test(s)	Factor 11.1

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	65	977.8	.05	.56	7	94	254	53	107	90	68
	70	980.3	.05	.56	7	94	255	55	107	90	68
0	75	982.580 / 982.976	.05	.56	6	93	253	60	97	92	74
5	80	986.4	.05	.56	6	97	252	55	101	91	72
10	85	987.9	.05	.56	6	103	254	57	105	91	73
15	90	990.4	.05	.56	6	98	253	57	106	91	71
20	95	992.8	.05	.56	6	95	256	57	105	92	71
25	100	995.4	.06	.67	7	91	254	57	105	91	71
30	105	998.2	.06	.67	7	103	255	57	106	91	71
35	110	1000.9	.06	.67	7	145	257	56	104	92	70
40	115	1003.6	.06	.67	7	162	255	56	105	92	70
45	120	1006.253									

0.396 Q3

.002@17
.01@15
0951 STOP
1008 START

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants

106 Ambient Airway
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Facility	GTM O						Run No.	N-1			
Source	#3						Date	4-25-16			
Weather	SUNNY						Filter Number				
Testers	WLG		Test(s)	1,2,9,20Y			Barometric Pressure	29.82			
Equipment Identification	Pitot	G4-1	Probe	G4-1	Heater Box	DHB-2	Meter Box	10	Cold box		CPM
Thermocouple Identification	Stack	G4-1	Impinger	S-2	Heater Box		Meter In	M10-1	Meter Out	M10-2	
Sampling	Total min (Θ)		120	Total Points (n)		1		Min/Pt			
Profile	Stack Diameter (in) (D)		10	Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.316	Nozzle Diameter Calibration Checks		1	—	2	—	3	—		
	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})		—	Meter (ΔHa)	1.414	Meter (Y)	1.003
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation									11.1		
Start Time	1753	Final Meter Reading (ft3)	51.310	Orsat/Fyrite/Analyzer		O_2 (%)	20.6	20.5	Comments:		
Finish Time	2050	Initial Meter Reading (ft3)	11.770			CO_2 (%)	0.3	0.5			
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected	8	ml	
.002 cfm@15"Hg		.008 cfm@ 3 "H_g		-0.10 "H_2O		0/0 at 3"		Silica Gel Weight	12.0	gr	

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	0	011.770	.02	.22	3	171	256	80 *	95	96	78
	5	013.2	.02	.22	3	176	255	77	96	96	76
	10	014.7	.02	.22	3	166	256	75	99	95	72
	15	016.3	.02	.22	3	163	254	72	101	95	69
	20	017.9	.02	.22	3	165	257	72	102	94	72
	25	019.1	.02	.22	13	153	254	74	101	94	72
021.349	30	020.484	.02	.22	3	144	251	69	97	95	70
	5 35	023.0	.02	.22	3	156	252	66	100	95	70
	10 40	024.6	.02	.22	3	143	254	65	103	94	70
	15 45	026.2	.02	.22	4/18	170	254	64	105	95	69
	20 0 50	027.586 028.016	.02	.22	3	149	250	66	99	97	72
	25 5 55	029.6	.02	.22	3	184	251	65	101	97	72
	30 10 60	031.2	.02	.22	3	168	251	65	103	96	72

.001615
.018015
1823
1839
.018018
.014015
1859
1859
1914

0.865 Dq3

Draft 1.1 11/3/16

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Facility	GTMO	Run No.	N-1
Source	# 3	Date	4-25-16
Weather	SUNNY	Filter Number	
Testers	WG	Test(s)	Factor 11.1

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	
	65 15	032.7	.02	.22	5	153	252	66	104	96	69
	70 20 0	034.338 034.949	.02	.22	16	116	250	66	103	96	70
	75 5	036.5	.02	.22	3	133	252	65	99	94	71
	80 10	038.2	.02	.22	3	131	252	64	101	93	71
	85 15	039.8	.02	.22	3	132	259	64	102	93	71
	90 20	041.3	.02	.22	6	128	259	65	102	93	72
	95 25	042.9	.02	.22	14	125	259	65	102	93	72
045.980	100 0	044.496 ~~049.980~~	.02	.22	3	108	265	70*	92	91	78
	105 5	046.5	.02	.22	3	109	258	67	94	90	74
	110 10	048.1	.02	.22	3	122	260	64	97	89	74
	115 15	049.7	.02	.22	3	122	258	63	98	89	74
	120 20	051.310									

.013 @ 16
.018 @ 15
1933
1948

1017 @ 17
.015 @ 15
2018

0.011 cfm

1948 cfm

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Facility	GTMO				Run No.	N-2	
Source	#3				Date	4/26/16	
Weather	SUNNY				Filter Number		
Testers	WG	Test(s)	3/29/16		Barometric Pressure	29.80	

Equipment Identification	Pitot	G4-1	Probe	G4-1	Heater Box	DHB-2	Meter Box	10	Cold box		CPM
Thermocouple Identification	Stack	G4-1	Impinger	S-2	Heater Box		Meter In	M10-1	Meter Out	M10-2	
Sampling	Total min (Θ)		120	Total Points (n)		1			Min/Pt		
Profile	Stack Diameter (in) (D)		12	Downstream Dia.					Upstream Dia.		
Nozzle Diameter (avg) (D_n)	.347	Nozzle Diameter Calibration Checks		1	0.347	2	0.347		3	0.347	

	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})			Meter (ΔHa)	1.414	Meter (Y)	1.003
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation									AC	11.1	

Start Time	1827	Final Meter Reading (ft3)	90.426	Orsat/Fyrite/ Analyzer	O_2 (%) 20.8	20.5	Comments:	
Finish Time	2027	Initial Meter Reading (ft3)	52.433		CO_2 (%) 0.2	0.5		

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	6	ml
.008 cfm@15"Hg	.005 cfm@ 5 "H_g	-0.10 "H_2O	0/0 at 3"	Silica Gel Weight	4.5	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	0	052.433	.02	.22	3	118	261	79 *	93	94	78
	5	054.0	.02	.22	3	116	264	70 *	95	94	74
	10	055.6	.02	.22	3	116	264	60	98	93	72
	15	057.2	.02	.22	3	115	264	55	100	93	70
	20	058.8	.02	.22	3	118	265	53	102	92	69
	25	060.4	.02	.22	3	117	265	53	103	92	69
	30	061.9	.02	.22	3	111	264	52	104	92	68
	35	063.5	.02	.22	4	113	265	52	104	93	68
	40	065.1	.02	.22	4	108	265	52	105	93	68
	45	066.7	.02	.22	4	108	265	52	105	94	68
	50	068.2	.02	.22	4	107	265	52	106	93	69
	55	069.8	.02	.22	4	108	266	52	106	94	69
	60	071.4	.02	.22	4	107	266	52	106	93	70

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMO	Run No.	N-2
Source	# 3	Date	4/26/16
Weather	SUNNY	Filter Number	
Testers	WG	Test(s)	Factor 11.1

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	65	073.0	.02	.22	4	104	266	52	106	95	69
	70	074.6	.02	.22	4	110	265	52	106	94	69
	75	076.2	.02	.22	4	107	266	52	106	95	70
	80	077.7	.02	.22	4	107	265	52	105	95	70
	85	079.3	.02	.22	4	101	265	53	105	95	70
	90	080.9	.02	.22	5	96	264	53	105	94	70
	95	082.5	.02	.22	5	89	265	52	104	94	70
	100	084.1	.02	.22	5	89	265	52	104	92	70
	105	085.8	.02	.22	5	95	265	53	104	93	71
	110	087.3	.02	.22	5	100	265	54	104	93	71
	115	088.9	.02	.22	5	94	265	53	104	94	71
*	120	090.426									

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SOURCE SAMPLING FIELD DATA SHEET

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106 Ambient Airway
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www.ambientairservices.com

Facility	GTMO						Run No.	N-3			
Source	#3						Date	4/27/16			
Weather	SUNNY						Filter Number				
Testers	WLG		Test(s)	1-5, 29, 20Z			Barometric Pressure	29.89			
Equipment Identification	Pitot	G4-1	Probe	G4-1	Heater Box	DHB-2	Meter Box	10	Cold box		CPM
Thermocouple Identification	Stack	G4-1	Impinger	5-2	Heater Box		Meter In	M10-1	Meter Out	M10-2	
Sampling	Total min (Θ)		120	Total Points (n)		1		Min/Pt			
Profile	Stack Diameter (in) (D)			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	.347	Nozzle Diameter Calibration Checks		1	←	2	—	3	—		
Isokinetic Factor Calculation	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})		—	Meter (ΔHa)	1.414	Meter (Y)	1.003
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
							AL		11.1		
Start Time	2004	Final Meter Reading (ft3)	129.010	Orsat/Fyrite/ Analyzer		O_2 (%) 20.8	20.5	Comments:			
Finish Time	2204	Initial Meter Reading (ft3)	91.010			CO_2 (%) 0.2	0.5				
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected	10	ml	
.003 cfm@15"Hg		.002 cfm@ 20 "Hg		~0.10 "H_2O		0/0 at 3"		Silica Gel Weight	6.1	gr	

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	0	091.010 091.010	.02	.22	4	114	264	79	87	87	80
	5	092.6	.02	.22	4	111	262	73	90	89	79
	10	094.2	.02	.22	4	109	266	66	93	88	74
	15	095.8	.02	.22	4	100	265	59	96	88	72
	20	097.3	.02	.22	4	107	265	57	96	87	72
	25	098.9	.02	.22	4	108	267	56	99	88	71
	30	100.5	.02	.22	4	103	266	55	101	88	71
	35	102.1	.02	.22	4	107	268	55	101	89	71
	40	103.7	.02	.22	4	107	268	55	102	88	70
	45	105.2	.02	.22	4	101	268	55	103	89	70
	50	106.8	.02	.22	4	104	268	55	105	89	70
	55	108.4	.02	.22	5	110	268	55	104	91	70
	60	109.9	.02	.22	5	105	267	56	105	90	70

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www.ambientairservices.com

Facility	GTMO	Run No.	N-3
Source	#3	Date	4/27/16
Weather	SUNNY	Filter Number	
Testers	WG	Test(s)	Factor 11.1

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	65	111.5	.02	.22	6	108	269	56	105	92	70
	70	113.0	.02	.22	7	106	268	56	106	92	71
	75	114.6	.02	.22	7	93	264	56	106	93	71
	80	116.2	.02	.22	8	95	262	56	106	92	72
	85	117.8	.02	.22	11	102	264	57	106	93	72
	90	119.4	.02	.22	11	103	264	57	104	93	72
	95	121.0	.02	.22	13	101	262	58	104	94	73
	100	122.6	.02	.22	15	100	263	59	103	93	74
	105	124.3	.02	.22	15	96	263	59	102	94	74
	110	125.9	.02	.22	16	94	263	59	102	93	74
	115	127.5	.02	.22	20	94	264	60	100	94	77
>	120	129.010									

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Facility	GTMO						Run No.	N-4			
Source	#3						Date	4/28/16			
Weather	SUNNY						Filter Number				
Testers	WG	Test(s)	15,29,27				Barometric Pressure	29.81			
Equipment Identification	Pitot	G4-1	Probe	G4-1	Heater Box	DHB-2	Meter Box	10	Cold box		
Thermocouple Identification	Stack	G4-1	Impinger	S-2	Heater Box		Meter In	M10-1	Meter Out	M10-2	cfm
Sampling	Total min (Θ)	120	Total Points (n)		1		Min/Pt				
Profile	Stack Diameter (in) (D)	12	Downstream Dia.				Upstream Dia.				
Nozzle Diameter (avg) (D_n)	.347	Nozzle Diameter Calibration Checks	1	—	2	—	3	—			
	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})	—	Meter (ΔHa)	1.414	Meter (Y)	1.003	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation 2059									11.1		
Start Time	~~2059~~ Tm	Final Meter Reading (ft3)	167.455	Orsat/Fyrite/ Analyzer	O_2 (%)	20.8	~~20.5~~	Comments:			
Finish Time	2259	Initial Meter Reading (ft3)	129.909		CO_2 (%)	0.2	~~0.5~~				
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected		8	ml
.013	cfm@15"Hg	.018	cfm@ 4 "H_g	-0.10	"H_2O	0/0	at 3"	Silica Gel Weight		9.0	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	
	0	129.909	.02	.22	3	88	255	69*	85	85	76
	5	131.4	.02	.22	3	98	257	56	88	85	72
	10	133.0	.02	.22	4	94	257	53	91	84	71
	15	134.6	.02	.22	4	92	258	52	93	84	70
	20	136.2	.02	.22	4	90	258	52	96	84	70
	25	137.7	.02	.22	4	89	258	52	97	85	70
	30	139.3	.02	.22	4	91	260	52	99	85	70
	35	140.9	.02	.22	4	89	257	51	99	86	70
	40	142.4	.02	.22	4	89	259	51	100	86	70
	45	144.0	.02	.22	4	90	259	51	101	87	70
	50	145.6	.02	.22	4	87	259	52	102	87	71
	55	147.1	.02	.22	4	88	259	51	102	89	71
	60	148.7	.02	.22	4	88	259	53	103	88	72

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Facility	GTMO	Run No.	N-4
Source	#3	Date	4/28/16
Weather	SUNNY	Filter Number	
Testers	WG	Test(s)	Factor 11.1

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	65	150.3	.02	.22	4	89	261	53	103	90	72
	70	151.8	.02	.22	4	90	261	54	104	90	72
	75	153.4	.02	.22	4	88	260	54	104	91	72
	80	155.0	.02	.22	4	87	260	54	104	90	72
	85	156.5	.02	.22	4	86	260	54	104	91	72
	90	158.1	.02	.22	4	86	261	54	104	90	72
	95	159.7	.02	.22	4	86	261	54	105	92	72
	100	161.2	.02	.22	4	87	260	55	104	91	74
	105	162.8	.02	.22	4	87	261	55	104	92	74
	110	164.3	.02	.22	4	85	262	56	104	92	75
	115	165.9	.02	.22	4	84	263	56	105	93	75
	120	167.455									

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SOURCE SAMPLING FIELD DATA SHEET

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Facility	GTMO						Run No.	N-5			
Source	#3						Date	4/29/16			
Weather	SUNNY						Filter Number				
Testers	WG		Test(s)	1-5, 29, 207			Barometric Pressure	29.90			

Equipment Identification	Pitot	G4-1	Probe	G4-1	Heater Box	DHB-2	Meter Box	10	Cold box		
Thermocouple Identification	Stack	G4-1	Impinger	5-2	Heater Box		Meter In	M10-1	Meter Out	M10-2	CFM
Sampling	Total min (Θ)		120	Total Points (n)		4			Min/Pt		
Profile	Stack Diameter (in) (D)		12	Downstream Dia.					Upstream Dia.		
Nozzle Diameter (avg) (D_n)	.347	Nozzle Diameter Calibration Checks		1	—	2	—	3	—		

Isokinetic Factor Calculation	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})	—	Meter (ΔHa)	1.414	Meter (Y)	1.003	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
									11.1		

Start Time	1732	Final Meter Reading (ft3)	206.173	Orsat/Fyrite/ Analyzer	O_2 (%) 20.6	20.5	Comments:
Finish Time	1932	Initial Meter Reading (ft3)	168.649		CO_2 (%) 0.1	0.5	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	8	ml
.002 cfm@15"Hg	.001 cfm@ 4 "Hg	-0.10 "H_2O	0/0 at 3"	Silica Gel Weight	7.6	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	0	168.649	.02	.22	4	106	262	80 *	94	94	82
	5	170.2	.02	.22	4	114	259	68	95	95	77
	10	171.8	.02	.22	4	107	260	60	98	94	72
	15	173.4	.02	.22	4	102	259	56	100	94	70
	20	175.0	.02	.22	4	99	262	55	101	93	70
	25	176.6	.02	.22	4	106	257	55	102	93	70
	30	178.1	.02	.22	4	112	260	55	102	93	70
	35	179.7	.02	.22	4	99	259	55	103	93	70
	40	181.3	.02	.22	4	95	259	55	103	92	70
	45	182.8	.02	.22	4	93	261	56	103	93	70
	50	184.4	.02	.22	4	90	260	57	102	92	70
	55	186.0	.02	.22	4	88	261	57	104	93	71
	60	187.5	.02	.22	4	95	262	57	104	92	71

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
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Facility	GTMO	Run No.	N-5
Source	#3	Date	4/29/16
Weather	SUNNY	Filter Number	
Testers	WG	Test(s)	Factor 11.1

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	CPM
	65	189.1	.02	.22	4	94	262	58	105	93	72
	70	190.6	.02	.22	4	97	262	59	105	93	73
	75	192.2	.02	.22	4	94	262	59	106	94	73
	80	193.7	.02	.22	4	90	261	57	106	93	73
	85	195.3	.02	.22	4	88	261	56	105	94	72
	90	196.8	.02	.22	4	88	260	56	105	94	72
	95	198.4	.02	.22	4	86	261	55	104	94	72
	100	199.9	.02	.22	4	93	260	55	104	93	72
	105	201.4	.02	.22	4	95	263	55	104	93	72
	110	203.0	.02	.22	4	92	261	55	104	93	72
	115	204.6	.02	.22	4	86	261	55	104	93	72
	120	206.173									

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Ambient Air Services, Inc.

Analytical Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/18/16 - 4/22/16
Source:	Air Curtain Incinerator -- Day Testing Condition	Date Processed:	4/28/2016
Balance:	Make: AND	Date Weighed:	4/30/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: USEPA Method 5

Filterable Particulate Matter

Filter Weights

Sample Name	Run Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
3315	1	0.0038		0.0010	0.0001	Teflon	
3316	1	0.0151		0.0010	0.0001	Teflon	
3317	1	0.0064		0.0010	0.0001	Teflon	
3308	2	0.0194		0.0010	0.0001	Teflon	
3313	3	0.0304		0.0010	0.0001	Teflon	
3319	3	0.0316		0.0010	0.0001	Teflon	
3323	4	0.0349		0.0010	0.0001	Teflon	
3331	4	0.0061		0.0010	0.0001	Teflon	
3320	5	0.0378		0.0010	0.0001	Teflon	
3336	5	0.0123		0.0010	0.0001	Teflon	

Prefilter Weights

Sample Name	Run Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H621	1	0.0066		0.0010	0.0001	Acetone	
H622	2	0.0132		0.0010	0.0001	Acetone	
H623	3	0.0095		0.0010	0.0001	Acetone	
H625	4	0.0110		0.0010	0.0001	Acetone	
H626	5	0.0125		0.0010	0.0001	Acetone	
H627	Blank	0.0002	j	0.0010	0.0001	Acetone	

Processed by: Martin Rosier Date: 5/19/2016

Quality Assurance: Daniel Ockenhouse Date: 6/27/2016

`

Acronyms

MRL	Method Reporting Limit
MDL	Method Detection Limit

Data Qualifiers (Q)

ND	Not Detected
j	The result is between the MDL and the MRL
#	The control limit criteria was exceeded

Method 5 Lab
Template
Rev 4, 092415

Raw Data Entry

CLIENT	Naval Station Guantanamo Bay									
SOURCE	Air Curtain Incinerator -- Day Testing Condition									
DATE COLLECTED	4/18/16 - 4/22/16									
DATE PROCESSED	4/28/2016									
DATE Weighed	4/30/2016									
Filter Media:	Teflon									
PM Filter	**R-1**	**R-1**	**R-1**	**R-2**	**R-3**	**R-3**	**R-4**	**R-4**	**R-5**	**R-5**
Filter No.	3315	3316	3317	3308	3313	3319	3323	3331	3320	3336
Final wt.(grams)	0.3358	0.3436	0.3373	0.3514	0.3638	0.3666	0.3648	0.3367	0.3690	0.3399
Tare Wt.(grams)	0.3320	0.3285	0.3309	0.3320	0.3334	0.3350	0.3299	0.3306	0.3312	0.3276
Net Wt. (grams)	**0.0038**	**0.0151**	**0.0064**	**0.0194**	**0.0304**	**0.0316**	**0.0349**	**0.0061**	**0.0378**	**0.0123**

PM Wash Weight	**R-1**	**R-2**	**R-3**	**R-4**	**R-5**
Sample No.	H621	H622	H623	H625	H626
Sample Volume(ml)	110	119	77	137	116
Final wt.(grams)	110.3097	110.5651	107.6874	106.1783	109.5334
Tare Wt.(grams)	110.3029	110.5516	107.6777	106.1670	109.5207
Blank Correction	0.0002	0.0003	0.0002	0.0003	0.0002
Net gain (grams)	**0.0066**	**0.0132**	**0.0095**	**0.0110**	**0.0125**

Reagent Blank

Reagent	Acetone
Sample No.	H627
Sample Volume(ml)	95
Final wt.(grams)	107.9832
Tare Wt.(grams)	107.9830
Net gain (grams)	**0.0002**

Technician Martin Rosier

QA Daniel Ockenhouse

Method 5 Lab
Template
Rev 4, 092415

Ambient Air Services, Inc.

Quality Assurance Balance Check Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/18/16 - 4/22/16
Source:	Air Curtain Incinerator -- Day Testing Condition	Date Processed:	4/28/2016
Balance:	Make: AND	Date Weighed:	4/30/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: USEPA Method 5

Quality Assurance Balance Checks

Weight Set ID	Audit Weight	Scale Weight	Q	Difference	Limits	Comments
S-2	100.0000	99.9999		-0.0001	0.0004	
S-2	10.0000	10.0000		0.0000	0.0004	
S-2	5.0000	5.0001		0.0001	0.0004	
S-2	2.0000	2.0001		0.0001	0.0004	
S-2	0.5000	0.5000		0.0000	0.0004	

Technician: Martin Rosier Date: 5/9/2016

Quality Assurance: Daniel Ockenhouse Date: 6/27/2016

Method 5 Lab
Template
Rev 4, 092415

Ambient Air Services, Inc.

Analytical Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/25/16 - 4/29/16
Source:	Air Curtain Incinerator -- Night Testing Condition	Date Processed:	5/9/2016
Balance:	Make: AND	Date Weighed:	5/13/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: USEPA Method 5

Filterable Particulate Matter

Filter Weights

Sample Name	Run Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
4319	1	0.0186		0.0010	0.0001	Teflon / Quartz	
4330	1	0.0152		0.0010	0.0001	Teflon / Quartz	
4331	1	0.0227		0.0010	0.0001	Teflon / Quartz	
4324	1	0.0135		0.0010	0.0001	Teflon / Quartz	
4316	1	0.0243		0.0010	0.0001	Teflon / Quartz	
5360	2	0.0426		0.0010	0.0001	Teflon / Quartz	
4322	3	0.0365		0.0010	0.0001	Teflon / Quartz	
4339	4	0.0110		0.0010	0.0001	Teflon / Quartz	
4334	5	0.0301		0.0010	0.0001	Teflon / Quartz	

Prefilter Weights

Sample Name	Run Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H683	1	0.0194		0.0010	0.0001	Acetone	
H684	2	0.0077		0.0010	0.0001	Acetone	
H685	3	0.0064		0.0010	0.0001	Acetone	
H686	4	0.0025		0.0010	0.0001	Acetone	
H687	5	0.0055		0.0010	0.0001	Acetone	
H688	Blank	0.0004	j	0.0010	0.0001	Acetone	

Processed by: Martin Rosier Date: 5/16/2016

Quality Assurance: Daniel Ockenhouse Date: 6/27/2016

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Acronyms

MRL	Method Reporting Limit
MDL	Method Detection Limit

Data Qualifiers (Q)

ND	Not Detected
j	The result is between the MDL and the MRL
#	The control limit criteria was exceeded

Method 5 Lab
Template
Rev 4, 092415

Raw Data Entry

CLIENT	Naval Station Guantanamo Bay								
SOURCE	Air Curtain Incinerator -- Night Testing Condition								
DATE COLLECTED	4/25/16 - 4/29/16								
DATE PROCESSED	5/9/2016								
DATE Weighed	5/13/2016								
Filter Media:	Teflon / Quartz								
PM Filter	**R-1**	**R-1**	**R-1**	**R-1**	**R-1**	**R-2**	**R-3**	**R-4**	**R-5**
Filter No.	4319	4330	4331	4324	4316	5360	4322	4339	4334
Final wt.(grams)	0.3273	0.3472	0.3302	0.3378	0.3394	0.4783	0.3671	0.3658	0.3437
Tare Wt.(grams)	0.3087	0.3320	0.3075	0.3243	0.3151	0.4357	0.3306	0.3548	0.3136
Net Wt. (grams)	**0.0186**	**0.0152**	**0.0227**	**0.0135**	**0.0243**	**0.0426**	**0.0365**	**0.0110**	**0.0301**

PM Wash Weight	**R-1**	**R-2**	**R-3**	**R-4**	**R-5**
Sample No.	H683	H684	H685	H686	H687
Sample Volume(ml)	200	150	148	175	97
Final wt.(grams)	104.5654	107.2143	103.1117	97.3736	102.8002
Tare Wt.(grams)	104.5452	107.2060	103.1047	97.3704	102.7943
Blank Correction	0.0008	0.0006	0.0006	0.0007	0.0004
Net gain (grams)	**0.0194**	**0.0077**	**0.0064**	**0.0025**	**0.0055**

Reagent Blank

Reagent	Acetone
Sample No.	H688
Sample Volume(ml)	100
Final wt.(grams)	110.0039
Tare Wt.(grams)	110.0035
Net gain (grams)	**0.0004**

Technician Martin Rosier

QA Daniel Ockenhouse

Method 5 Lab
Template
Rev 4, 092415

Ambient Air Services, Inc.

Quality Assurance Balance Check Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/25/16 - 4/29/16
Source:	Air Curtain Incinerator -- Night Testing Condition	Date Processed:	5/9/2016
Balance:	Make: AND	Date Weighed:	5/13/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: USEPA Method 5

Quality Assurance Balance Checks

Weight Set ID	Audit Weight	Scale Weight	Q	Difference	Limits	Comments
S-2	100.0000	99.9999		-0.0001	0.0004	
S-2	10.0000	10.0000		0.0000	0.0004	
S-2	5.0000	5.0001		0.0001	0.0004	
S-2	2.0000	2.0001		0.0001	0.0004	
S-2	0.5000	0.5001		0.0001	0.0004	

Technician: Martin Rosier Date: 5/16/2016

Quality Assurance: Daniel Ockenhouse Date: 6/27/2016

Method 5 Lab
Template
Rev 4, 092415

Ambient Air Services, Inc.

Analytical Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/18/16 - 4/22/16
Source:	Air Curtain Incinerator -- Day Testing Condition	Date Processed:	4/28/2016
Balance:	Make: AND	Date Weighed:	5/4/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: USEPA Method 202

Condensible Particulate Matter

Inorganic Fraction

Sample Name	Result	Q	MRL	MDL	Matrix
H671	0.0109		0.0010	0.0001	Water
H672	0.0109		0.0010	0.0001	Water
H673	0.0218		0.0010	0.0001	Water
H675	0.0146		0.0010	0.0001	Water
H676	0.0117		0.0010	0.0001	Water

Organic Fraction

Sample Name	Result	Q	MRL	MDL	Matrix
H677	0.0198		0.0010	0.0001	Acetone + Hexane
H678	0.0097		0.0010	0.0001	Acetone + Hexane
H679	0.0108		0.0010	0.0001	Acetone + Hexane
H681	0.0086		0.0010	0.0001	Acetone + Hexane
H682	0.0050		0.0010	0.0001	Acetone + Hexane

Field Blank

Sample Name	Result	Q	MRL	MDL	Matrix
H674	0.0012		0.0005	0.0001	Water
H680	0.0027		0.0005	0.0001	Acetone + Hexane

Processed by: Martin Rosier Date: 5/9/2016

Quality Assurance: Daniel Ockenhouse Date: 6/27/2016

Acronyms

MRL	Method Reporting Limit (A constant weight limit of 0.0005 grams is used for each CPM fraction)
MDL	Method Detection Limit

Data Qualifiers (Q)

ND	Not Detected
j	The result is between the MDL and the MRL
#	The control limit criteria was exceeded

Methodology

All samples are processed as follows: Each sample consists of an inorganic portion (nominally water), an organic portion (hexane and acetone), and a CPM Filter. The CPM filter is extracted 3 times with water and then 3 times with hexane in a sonification bath. The organic and inorganic decants are combined with the respective organic and inorganic sample bottles. The two samples are then combined in a separatory funnel where they are furthur extracted 3 times with fresh Hexane. The organic and inorganic fractions are then separated. After the extraction, the water portion is evaporated to 10 mililiters in an oven at 220^{o}F and then allowed to dry in a descicator at ambient temperature. The sample is then descicated for a furthur 24 hours and is then weighed to a constant weight at 6 hour (or greater) increments. The organic fraction is evaporated at room temperature and pressure until dry. Once the sample dries, it sits for 24 hours and is then weighed to a constant weight at 6 hour (or greater) increments.

Comments:

Method 202 Lab
Template
Rev 3, 092915

Raw Data Entry

CLIENT	Naval Station Guantanamo Bay				
SOURCE	Air Curtain Incinerator -- Day Testing Condition				
DATE COLLECTED	4/18/16 - 4/22/16				
DATE PROCESSED	4/28/2016				
DATE Weighed	5/4/2016				
Organic Media:	Acetone + Hexane				
Inorganic Media	Water				

Inorganic Fraction	**R-1**	**R-2**	**R-3**	**R-4**	**R-5**
Sample No.	H671	H672	H673	H675	H676
Sample Volume (ml)	520	440	400	420	450
Final wt.	104.9417	108.9903	106.1582	105.2831	104.1867
Tare Wt.	104.9308	108.9794	106.1364	105.2685	104.1750
Net gain	**0.0109**	**0.0109**	**0.0218**	**0.0146**	**0.0117**

Organic Fraction	**R-1**	**R-2**	**R-3**	**R-4**	**R-5**
Sample No.	H677	H678	H679	H681	H682
Sample Volume (ml)	300	300	280	300	300
Final wt.	98.3386	105.0499	95.7986	107.3259	110.4521
Tare Wt.	98.3188	105.0402	95.7878	107.3173	110.4471
Net gain	**0.0198**	**0.0097**	**0.0108**	**0.0086**	**0.0050**

	FIELD BLANK	
Reagent	**Water**	**Acetone + Hexane**
Sample No.	H674	H680
Sample Volume	450	300
Final wt.	105.8164	105.9026
Tare Wt.	105.8152	105.8999
Net gain	**0.0012**	**0.0027**

Technician: Martin Rosier 5/9/16

Quality Assurance: Daniel Ockenhouse 6/27/16

Ambient Air Services, Inc.

Quality Assurance Balance Check Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/18/16 - 4/22/16
Source:	Air Curtain Incinerator -- Day Testing Condition	Date Processed:	4/28/2016
Balance:	Make: AND	Date Weighed:	5/4/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: USEPA Method 202

Quality Assurance Balance Checks

Weight Set ID	Audit Weight	Scale Weight	Q	Difference	Limits
S-2	100.0000	100.0000		0.0000	0.0004
S-2	10.0000	10.0001		0.0001	0.0004
S-2	5.0000	5.0000		0.0000	0.0004
S-2	2.0000	2.0000		0.0000	0.0004
S-2	0.5000	0.5000		0.0000	0.0004

Processed by: Martin Rosier Date: 5/9/2016

Quality Assurance: Daniel Ockenhouse Date: 6/27/2016

Ambient Air Services, Inc.

Analytical Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/25/16 - 4/29/16
Source:	Air Curtain Incinerator -- Night Testing Condition	Date Processed:	5/9/2016
Balance:	Make: AND	Date Weighed:	5/13/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: USEPA Method 202

Condensible Particulate Matter

Inorganic Fraction

Sample Name	Result	Q	MRL	MDL	Matrix
H730	0.0295		0.0010	0.0001	Water
H731	0.0189		0.0010	0.0001	Water
H732	0.0144		0.0010	0.0001	Water
H733	0.0100		0.0010	0.0001	Water
H734	0.0123		0.0010	0.0001	Water

Organic Fraction

Sample Name	Result	Q	MRL	MDL	Matrix
H735	0.0164		0.0010	0.0001	Acetone + Hexane
H736	0.0301		0.0010	0.0001	Acetone + Hexane
H737	0.0188		0.0010	0.0001	Acetone + Hexane
H738	0.0082		0.0010	0.0001	Acetone + Hexane
H739	0.0129		0.0010	0.0001	Acetone + Hexane

Field Blank

Sample Name	Result	Q	MRL	MDL	Matrix
H674	0.0012		0.0005	0.0001	Water
H680	0.0027		0.0005	0.0001	Acetone + Hexane

Processed by: Martin Rosier Date: 5/16/2016

Quality Assurance: Daniel Ockenhouse Date: 6/27/2016

Acronyms

MRL	Method Reporting Limit (A constant weight limit of 0.0005 grams is used for each CPM fraction)
MDL	Method Detection Limit

Data Qualifiers (Q)

ND	Not Detected
j	The result is between the MDL and the MRL
#	The control limit criteria was exceeded

Methodology

All samples are processed as follows: Each sample consists of an inorganic portion (nominally water), an organic portion (hexane and acetone), and a CPM Filter. The CPM filter is extracted 3 times with water and then 3 times with hexane in a sonification bath. The organic and inorganic decants are combined with the respective organic and inorganic sample bottles. The two samples are then combined in a separatory funnel where they are furthur extracted 3 times with fresh Hexane. The organic and inorganic fractions are then separated. After the extraction, the water portion is evaporated to 10 mililiters in an oven at 220^{o}F and then allowed to dry in a descicator at ambient temperature. The sample is then descicated for a furthur 24 hours and is then weighed to a constant weight at 6 hour (or greater) increments. The organic fraction is evaporated at room temperature and pressure until dry. Once the sample dries, it sits for 24 hours and is then weighed to a constant weight at 6 hour (or greater) increments.

Comments:

Method 202 Lab
Template
Rev 3, 092915

Raw Data Entry

CLIENT	Naval Station Guantanamo Bay				
SOURCE	Air Curtain Incinerator -- Night Testing Condition				
DATE COLLECTED	4/25/16 - 4/29/16				
DATE PROCESSED	5/9/2016				
DATE Weighed	5/13/2016				
Organic Media:	Acetone + Hexane				
Inorganic Media	Water				

Inorganic Fraction	**R-1**	**R-2**	**R-3**	**R-4**	**R-5**
Sample No.	H730	H731	H732	H733	H734
Sample Volume (ml)	420	350	390	400	390
Final wt.	106.7801	110.0792	108.4493	107.8293	111.7714
Tare Wt.	106.7506	110.0603	108.4349	107.8193	111.7591
Net gain	**0.0295**	**0.0189**	**0.0144**	**0.0100**	**0.0123**

Organic Fraction	**R-1**	**R-2**	**R-3**	**R-4**	**R-5**
Sample No.	H735	H736	H737	H738	H739
Sample Volume (ml)	300	280	300	300	295
Final wt.	103.7442	114.2563	107.3924	114.8231	106.3640
Tare Wt.	103.7278	114.2262	107.3736	114.8149	106.3511
Net gain	**0.0164**	**0.0301**	**0.0188**	**0.0082**	**0.0129**

	FIELD BLANK	
Reagent	**Water**	**Acetone + Hexane**
Sample No.	H674	H680
Sample Volume	450	300
Final wt.	105.8164	105.9026
Tare Wt.	105.8152	105.8999
Net gain	**0.0012**	**0.0027**

Technician: Martin Rosier

Quality Assurance: Daniel Ockenhouse

Ambient Air Services, Inc.

Quality Assurance Balance Check Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/25/16 - 4/29/16
Source:	Air Curtain Incinerator -- Night Testing Condition	Date Processed:	5/9/2016
Balance:	Make: AND	Date Weighed:	5/13/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: USEPA Method 202

Quality Assurance Balance Checks

Weight Set ID	Audit Weight	Scale Weight	Q	Difference	Limits
S-2	100.0000	99.9999		-0.0001	0.0004
S-2	10.0000	10.0000		0.0000	0.0004
S-2	5.0000	5.0001		0.0001	0.0004
S-2	2.0000	2.0001		0.0001	0.0004
S-2	0.5000	0.5001		0.0001	0.0004

Processed by: Martin Rosier Date: 5/16/2016

Quality Assurance: Daniel Ockenhouse Date: 6/27/2016

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: NSGB ACI

Location: Guantanamo Bay Cuba

Laboratory Name: AASI
Address: 106 Ambient Airway
Lab Contact: Dan ockenhouse
Project #

Samplers: WG, MHam, MHink

Page 1 of 3
RUSH!
Standard X
Date Report Desired:

Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Gravimetric	Metals						Remarks
~~Blank~~ 3315	4/18/16	ACI	1	5/29	PM+Metals	Teflon filter	1	X	X						after processing 1 PM / CPM samples rinse all glass ware with 0.1N HNO_3 for metal recovery
PW-1			1	5	PM	acetone	1	X	X						
CPMO-1			1	202	CPM	acetone/hexane	1	X	X						
CPMI-1			1	202	CPM	DI water	1	X	X						
~~Blank~~ A-34			1	202	CPM	CPM Filter	1	X	X						
Metals-1			1	29	Metals	5%/10%/10% HNO_3	1		X						
3316			1	5/29	PM/Metals	Teft filter	1	X	X						
3317			1	5/29	PM/Metals	Teft filter	1	X	X						
3308	4/19/16		2	5/29	PM/Metals	Tefl filter	1	X	X						
PW2			2	5	PM	acetone	1	X	X						
CPMO-2			2	202	CPM	ace/hex	1	X	X						
CPMI-2			2	202	CPM	DI	1	X	X						
A-32			2	202	CPM	CPM filter	1	X	X						
Metals-2			2	29	Metals	5%/10% HNO_3/10% H_2O_2	1								

Relinquished by:	Printed Name: Abram Lafferty	Time 1300	Received by:	Printed Name: MARTIN RUSSELL	Time 8:30
	Signature:	Date 4/25/16		Signature: Martin Russell	Date 4-27-16
	Affiliation: AASI			Affiliation: AASI	
Relinquished by:	Printed Name: MARTIN RUSSELL	Time ~~8:45~~ 5:45 ~~5:45~~	Received by:	Printed Name:	Time
	Signature: Martin Russell	Date ~~4-30-16~~ 4-27-16 hr		Signature:	Date
	Affiliation: AASI			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: NSGB ACI

Location: Guantanamo Bay Cuba

Laboratory Name: AASI
Address: 106 Ambient Airway Starke FL 32091
Lab Contact: Dan Ockenhouse
Project #

Samplers: WG AL MHink MHam

Page 2 of 3
RUSH!
Standard X
Date Report Desired:

Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Required Analysis: Gravimetric	Required Analysis: Metals	Remarks
3310, 3319	4/20/16	ACI	3	~~5~~ 12 9	PM/Metals	Tef Filter		1	X	
PW-3				5	PM	acetone	1	1	X	
CPMO-3				202	CPM	ace/hex	1	1	X	
CPMI-3				202	CPM	DI	1	1	X	
A-30				202	CPM	cpm filter		1	X	
Metals-3				29	metals	5%/10%	1		X	
3310	4/20/16	ACI	FB	5/29	PM/Metals		1	1	X	
				~~5~~	~~PM~~					
PW-FB				~~202~~	~~CPM~~ PM	acetone	1	1	X	
CPMO-FB				202	CPM	ace/hex	1	1	X	
CPMI-FB				202	CPM	DI	1	1	X	
A-36				202	~~Metals~~ CPM	CPM filter	1	1	X	
MetalsFB				29	Metals	5%/10%	1		X	

Relinquished by:	Printed Name: Abram Laffoley	Time 1300	Received by:	Printed Name: MARTIN ROSIER	Time 8:30
	Signature:	Date 4/25/16		Signature: Martin Rosier	Date 4-27-16
	Affiliation: AASI			Affiliation: AASI	
Relinquished by:	Printed Name: MARTIN ROSIER	Time 8:45	Received by:	Printed Name:	Time
	Signature: Martin Rosier	Date 5-4-16		Signature:	Date
	Affiliation: AASI			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: NSGB ACI

Location: Guantanamo Bay Cuba

Laboratory Name: AASI
Address: 106 Ambient Airway Starke FL 32091
Lab Contact: Dan Ockerhouse
Project #

Samplers: WG AL MHink MHam

Page 3 of 3
RUSH!
Standard ✓
Date Report Desired:

Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Gravimetric	Metals	Remarks
3323, 3331	4/21/16	ACI	4	5/29	PM/Metals	Tef filter		x	x	
PW-4	"	"	"	5	PM	acetone	1	x	x	
CPMO-4	"	"	"	202	CPM	ace/hex	1	x	x	
CPMI-4	"	"	"	202	"	DI	1	x	x	
C A-28	"	"	"	202	"	cpmfilter		x	x	
Metals-4	"	"	"	29	Metals	5%/10%	1		x	
3320, 3336	4/22/16		5	5/29	PM/metals	Tef filter		x	x	
PW-5	"	"	"	5	PM	acetone	1	x	x	
CPMO-5	"	"	"	202	CPM	ace/hex	1	x	x	
CPMI-5	"	"	"	202	CPM	DI	1	x	x	
A-33	"	"	"	202	CPM	cpmfilter		x	x	
Metals-5	"	"	"	29	Metals	5%/10%	1		x	

Relinquished by:	Printed Name: Abram Lafferty	Time 1300	Received by:	Printed Name: MARTIN RUSIGA	Time 8:30
	Signature:	Date 4/25/16		Signature: Martin Rusiga	Date 4-27-16
	Affiliation: AASI			Affiliation: NAST	
Relinquished by:	Printed Name: Martin Rusiga	Time 8:45	Received by:	Printed Name:	Time
	Signature: MARTIN RUSIGA	Date 5-4-16		Signature:	Date
	Affiliation: NAST			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: NSGB ACI Location: Quarterwood

Laboratory Name: AASI
Address: 106 Ambient Air Way, Starke FL 32091
Lab Contact: Dan Ockerman
Project #

Samplers: WS AL Mham MHam

Page 1 of 3
RUSH!
Standard X
Date Report Desired:

Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Required Analysis: Gravimetric	CPM	Metals	Remarks
PW-1	4/25/16	Act	1	5	PM	~~filter~~ Acc	1	/	~~X~~ /		
IR-1				202	CPM	DI	1	/		/	
OR-1				202	CPM	Acc/Hex	1	/	/	/	
4331,4324,4316				5	PM	filter	5	/	~~X~~	/	
A-39				202	CPM	filter	1	/	/	/	
PW-2	4/20/16		2	5	PM	Acc	1	/	~~X~~	/	
IR-2				202	CPM	DI	1	/	/	/	
OR-2				202	CPM	Acc/Hex	1	/	/	/	
5360				5	PM	filter		/	~~X~~	/	
A-37				202	CPM	filter	1	/	/	/	

4319, 4330

Relinquished by:	Printed Name: Abram Laffey	Time 800	Received by: Printed Name: MARTIN ROSIER	Time 11:30
	Signature:	Date ~~4~~ 5/3/16	Signature: Martin Rosier	Date 5-5-16
	Affiliation: AASI		Affiliation: AASI	
Relinquished by:	Printed Name: MARTIN ROSIER	Time 9:18	Received by: Printed Name:	Time
	Signature: Martin Rosier	Date 5-13-16	Signature:	Date
	Affiliation: AASI		Affiliation:	

For Lab Use Only

Sample Integrity:
(Note here any damage or loss during transport)

Lab results issued to:
By: When:

Disposition of samples to others:

Where stored:

Remarks:

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: NSGB ACI

Location: Guantanamo Bay Cuba

Laboratory Name: AASI
Address: 106 Ambient Airway Starke FL 32091
Lab Contact: Dan Ockenhouse
Project #

Samplers: WG AL MG

Page 2 of 3
RUSH!
Standard X
Date Report Desired:

Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Required Analysis: Gravimetric	Required Analysis: Cr Cr6 Metals	Remarks
PW-3	4/27/16	ACI	3	5	PM	Acc	1	✓	✓	
IR-2				202	CPM	DI	1	✓	✓	
OR-2				202	CPM	Acc/Her	1	✓	✓	
4322				5	PM	filter		✓	✓	
A-31				202	CPM	filter	1	✓	✓	
PW-4	4/25/16		4	5	PM	Acc	1	✓	✓	
IR-4				202	CPM	DI	1	✓	✓	
OR-4				202	CPM	Acc/Her	1	✓	✓	
4339				5	PM	filter		✓	✓	
A-35				202	CPM	filter	1	✓	✓	

Relinquished by:	Printed Name: Abram Loffler	Time 1300	Received by:	Printed Name: MARTIN ROSIER	Time 11:30
	Signature:	Date 5/3/16		Signature: Martin Rosier	Date 5-5-16
	Affiliation: AASI			Affiliation: AASI	
Relinquished by:	Printed Name: MARTIN ROSIER	Time 9:18	Received by:	Printed Name:	Time
	Signature: Martin Rosier	Date 5-13-16		Signature:	Date
	Affiliation: AASI			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: NSGB ACI

Location: Guantanamo Bay Cuba

Laboratory Name: AAST
Address: 106 Ambient Airway Starke FL 32091
Lab Contact: Dan Ockenhouse
Project #

Samplers: MG AL MH

Page 3 of 3
RUSH!
Standard X
Date Report Desired:

Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Required Analysis: Gravimetric	Required Analysis: CPM	Required Analysis: Metals	Remarks
PW-5	4/24/16	ACI	5	5	PM		1	✓		✓	
IK-5				202	CPM		1	✓	✓	✓	
OR5				202	CPM		1	✓	✓	✓	
4324				5	PM			✓		✓	
A-38				202	CPM		1	✓	✓	✓	
IC1	4/25/16		1	29	Metals		1			✓	
IC2	4/26/16		2				1			✓	
IC3	4/27/16		3				1			✓	
IC4	4/28/16		4				1			✓	
IC5	4/29/16		5				1			✓	

Relinquished by:	Printed Name: Abram LaFFy	Time 1300	Received by:	Printed Name: MARTIN ROSIER	Time 11:30
	Signature:	Date 5/3/16		Signature: Martin Rosier	Date 5-5-16
	Affiliation: AAST			Affiliation: AAST	
Relinquished by:	Printed Name: MARTIN ROSIER	Time 9:18	Received by:	Printed Name:	Time
	Signature: Martin Rosier	Date 5-19-16		Signature:	Date
	Affiliation: AAST			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Calibration Report

LOCATION : Ambient Air Services, Inc.

MAKE : AND

MODEL : ER120A

N.I.S.T. TRACEABILITY NO.: **1308**

SERIAL NO. : 3502688

FOR COMPLIANCE WITH : **I.S.O. 9002**
MIL-STD 45662A

ENVIRONMENTAL CONDITIONS : 24° C, 36% RH

READABILITY : 0.0001 g

	BEFORE CALIBRATION	AFTER CALIBRATION
MICROMETER ERROR :	N/A	N/A
SCALE DEFLECTION :	110.0003 g	110.0000 g
MID - SCALE READING :	55.0001 g	55.0000 g
LINEARITY :	±0.1 mg	±0.1 mg
DEF. AT FULL TARE :	N/A	N/A
DEF. AT CAPACITY :	N/A	N/A
TIME TO STABILITY :	<25 seconds	<25 seconds
ARM LENGTH ERROR :	N/A	N/A
CORNER LOAD ERROR :	0.0002 %	0.0002 %
STANDARD DEVIATION :	0.167 mg	0.158 mg
CAL. WEIGHT ERROR :	<0.1 mg	<0.1 mg
ACCUMULATIVE ERROR OF DIAL WEIGHTS BY DECADE :	N/A	N/A

NOTES : Cleaned, inspected and calibrated. Balance was exercised prior to testing. Stability time and standard deviation determined using filter paper.

SERVICED BY : JOHN P. MULLER ASSOC., DECORAH, IA 52101-0583

TECHNICIAN'S INITIALS AND SERVICE DATE: JPS **1/6/16**

Ambient Air Services, Inc.
Field Balance Calibration Record

Date	1/5/2016		
Technician	MEH		
Balance Make/model	Ohaus Scout Pro SP401		
Serial Number	7122090270		
Standard Weights ID	S-2	Certification Date	8/28/15

Note: All weights are in grams.

Standard Weight	Indicated Weight	Difference
50.0	50.0	0.0
100.0	100.0	0.0
150.0	149.9	-0.1
200.0	199.9	-0.1
250.0	249.9	-0.1

Technician Signature: Mike Hinkel

QA Review Signature: Daniel Ockenhouse

QA Review Date: 1/21/2016

Balance Calibration Record
Template
Rev 4 010516

AMBIENT AIR SERVICES METHOD 5 PRE-TEST CONSOLE CALIBRATION

USING CALIBRATED CRITICAL ORIFICES

5-POINT ENGLISH UNITS

Meter Console Information	
Console Model	AASI
Console Serial Number	10
DGM Model Number	T110
DGM Serial Number	10103916

Calibration Conditions			
Date	Time	12/24/2015	10:00
Barometric Pressure		29.99	in Hg
Theoretical Critical Vacuum[1]		14.2	in Hg
Calibration Technician		CTL	

Factors/Conversions		
Std Temp	528	^{o}R
Std Press	29.92	in Hg
K_1	17.647	oR/in Hg

[1]For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above.

[2]The Critical Orifice Coefficient, K', must be entered in English units, $(ft^3*^oR^{1/2})/(in.Hg*min)$.

Calibration Data

Run Time	Metering Console					Critical Orifice				
Elapsed	DGM Orifice ΔH	Volume Initial	Volume Final	Outlet Temp Initial	Outlet Temp Final	Serial Number	Coefficient	Amb Temp Initial	Amb Temp Final	Actual Vacuum
(Θ)	(P_m)	(V_{mi})	(V_{mf})	(t_{mi})	(t_{mf})		K'	(t_{amb})	(t_{amb})	
min	in H_2O	cubic feet	cubic feet	^{o}F	^{o}F		see above2	^{o}F	^{o}F	in Hg
7	3.2	791.198	798.919	73	73	73	0.8486	73	73	15
11	1.7	798.919	807.911	73	74	63	0.6213	73	74	19
22	1.0	807.911	821.695	74	74	55	0.4793	74	75	21
23	0.6	821.695	832.734	74	74	48	0.3740	75	76	23
35	0.3	832.734	844.125	74	75	40	0.2511	76	76	25

Results

Standardized Data				Dry Gas Meter				
				Calibration Factor		Flowrate	ΔH @	
Dry Gas Meter		Critical Orifice		Value	Variation	Std & Corr	0.75 SCFM	Variation
($V_{m(std)}$)	($Q_{m(std)}$)	($Vcr_{(std)}$)	($Q_{cr(std)}$)	(Y)	(ΔY)	($Q_{m(std)(corr)}$)	(ΔH@)	(ΔΔH@)
cubic feet	cfm	cubic feet	cfm		Note	cfm	in H2O	
7.727	1.104	7.716	1.102	0.999	-0.004	1.102	1.495	0.081
8.957	0.814	8.874	0.807	0.991	-0.012	0.807	1.471	0.057
13.695	0.622	13.678	0.622	0.999	-0.004	0.622	1.450	0.037
10.956	0.476	11.148	0.485	1.018	0.015	0.485	1.334	-0.080
11.286	0.322	11.384	0.325	1.009	0.006	0.325	1.319	-0.095
				1.003	Y Average		1.414	ΔH@ Average

Note: For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +-0.02.

I certify that the above Dry Gas Meter was calibrated in accordance with USEPA Methods, CFR 40 Part 60, using the Precision Wet Test Meter # 11AE6, which in turn was calibrated using the American Bell Prover # 3785, certificate # F107, which is traceable to the National Bureau of Standards (N.I.S.T.) and in accordance with AASI Shop SOP 3.3.B.

Technician Sign: Mike Hinkel Date: 12/24/2015 Q A Signature: Daniel Ockenhouse Date: 1/5/2016

Ambient Air Services, Inc.
Environmental Consultants

AMBIENT AIR SERVICES METHOD 5 POST-TEST CONSOLE CALIBRATION

USING CALIBRATED CRITICAL ORIFICES

3-POINT ENGLISH UNITS

Meter Console Information	
Console Number	M10
Pre-test "Y' value	1.003
DGM Model Number	T110
DGM Serial Number	10103916

Calibration Conditions			
Date	Time	6/15/2016	15:15
Barometric Pressure		29.87	in Hg
Theoretical Critical Vacuum[1]		14.1	in Hg
Calibration Technician	MLH	Project	NSGB

Factors/Conversions		
Std Temp	528	°R
Std Press	29.92	in Hg
K_1	17.647	oR/in Hg

[1]For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above.

[2]The Critical Orifice Coefficient, K', must be entered in English units, $(ft^3*°R^{1/2})/(in.Hg*min)$.

Calibration Data

Run Time	Metering Console					Critical Orifice				
Elapsed	DGM Orifice ΔH	Volume Initial	Volume Final	Outlet Temp Initial	Outlet Temp Final	Serial Number	Coefficient	Amb Temp Initial	Amb Temp Final	Actual Vacuum
(Θ)	(P_m)	(V_{mi})	(V_{mf})	(t_{mi})	(t_{mf})		K'	(t_{amb})	(t_{amb})	
min	in H_2O	cubic feet	cubic feet	°F	°F		see above2	°F	°F	in Hg
8	1.7	252.042	258.978	92	93	63	0.6213	92	92	19
8	1.7	258.978	265.728	93	94	63	0.6213	92	93	19
8	1.8	265.728	272.585	94	95	63	0.6213	93	93	19

Results

Standardized Data				Dry Gas Meter				
				Calibration Factor		Flowrate	ΔH @	
Dry Gas Meter		Critical Orifice		Value	Variation	Std & Corr	0.75 SCFM	Variation
($V_{m(std)}$)	($Q_{m(std)}$)	($Vcr_{(std)}$)	($Q_{cr(std)}$)	(Y)	(ΔY)	($Q_{m(std)(corr)}$)	(ΔH@)	(ΔΔH@)
cubic feet	cfm	cubic feet	cfm		Note 1	cfm	in H2O	
6.644	0.831	6.319	0.790	0.951	-0.014	0.790	1.432	-0.042
6.455	0.807	6.316	0.790	0.978	0.014	0.790	1.474	0.000
6.546	0.818	6.313	0.789	0.964	0.000	0.789	1.517	0.042
				0.965	Y Average (Note 2)		1.474	ΔH@ Average

Yc Calibration

Elasped Time (> 10 min)	14	DGM Beginning	273.200	DGM End	284.035	Outlet Meter Temp Beginning	95	Outlet Meter Temp End	97	Yc	0.996

Note 1: For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +-0.02.

Note 2: For Calibration Factor Y, the resulting average difference shall not more than + or - 5% of the Pre-test Y value.

I certify that the above Dry Gas Meter was calibrated in accordance with USEPA Methods, CFR 40 Part 60, using the Precision Wet Test Meter # 11AE6, which in turn was calibrated using the American Bell Prover # 3785, certificate # F107, which is traceable to the National Bureau of Standards (N.I.S.T.) and in accordance with AASI Shop SOP 3.3.B.

Technician Sign: Matt Hamilton Date: 6/17/2016 Q A Signature: Daniel Ockenhouse Date: 6/27/2016

Ambient Air Services, Inc.

106 Ambient Airway

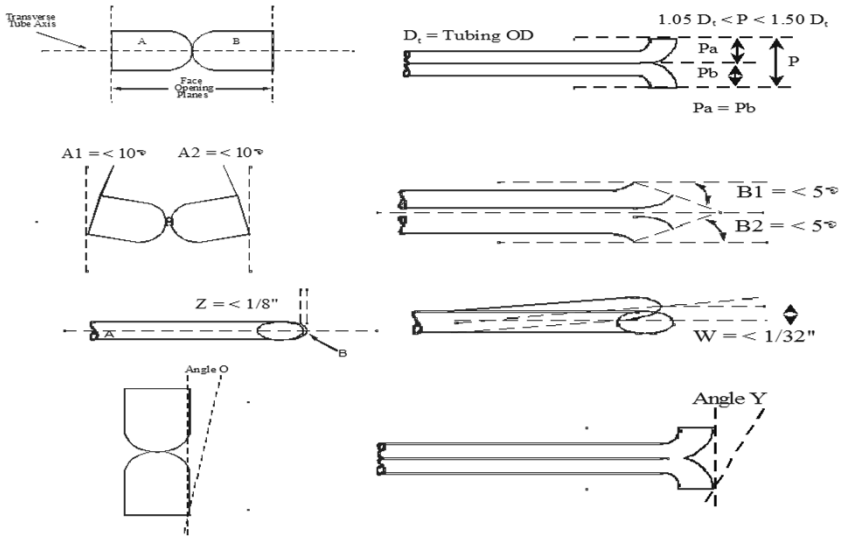
Starke, Florida 32091

PITOT TUBE POST TEST CALIBRATION FORM

Pitot ID	G4-1			
Technician	MEH			
Project	NSGB			
Date:	6/20/2016			
Pitot Assembly Level	Yes	X	No	
Pitot tube opening damaged or out-of-round	Yes		No	X
If damage is noted, comment below				

Pitot Measurements

Pitot tube outside diameter					D_t	0.375			
a1	0				**a2**	0			
b1	1				**b2**	0			
Pa	0.471				**Pb**	0.471			
P	0.942			Max	1.125		Min	0.7875	
Angle Y	0	Degrees	sin	0.000	**Angle O**	0	Degrees	sin	0.000
z = P sin Y	0.000	Inches			w = P sin O	0.000	Inches		
z = < 1/8 Inch					w = < 1/32 inch				



I certify that the measurements contained within this form was conducted correctly and within the guidelines of EPA Method 2.

Technician Signature:	Mike Hinkel	Date:	6/20/2016
Quality Assurance Signature:	Daniel Ockenhouse	Date:	6/27/2016

Pitot Calibration Template
Rev 4, 07/10/15

Ambient Air Services, Inc.

106 Ambient Airway
Starke, Florida 32091

Alternative (EMC ALT-011) Method 2 Thermocouple Calibration

Date	6/20/2016	Reference Thermometer	Type:	m spirits in Glass	Manufacturer:	BCR	
Time	10:00		Serial number	208252			
Project	NSGB	Pyrometer	Manufacturer	Model	Serial number		
Technician	MEH		Omega	HH74K	140122		

Thermocouple ID	Location	Indicated Temperature			Reference Temperature			Difference (must be ± 2°)			Continuity (Pass / Fail)		
TC G4-1	Stack		78.0			77			1			Pass	
TC DHB 2	Filter		89.0			89			0			Pass	
TC S-2	Impinger		77.0			77			0			Pass	
TC MB 10-1	Meter In		91.0			89			2			Pass	
TC MB 10-2	Meter Out		91.0			89			2			Pass	
TC CPM 1	CPM		77.0			77			0			Pass	

Comments:

Meter in / Meter out / Filter temps were taken 6/15/16 at 14:15

Technician Signature: Michael Hinkel Date: 6/20/2016

Quality Assurance signature: Daniel Ockenhouse QA date: 6/27/2016

Thermocouple (EMC ALT-011) Calibration
Template
rev 1, 07/10/15

APPENDIX C

PARTICLE SIZE EMISSIONS DATA

Appendix C-1: Cascade Impactor

Appendix C-2: Microscopic Analysis

APPENDIX C-1

PARTICLE SIZE EMISSIONS DATA VIA CASCADE ANALYSIS

Example Calculations

Emission Run Summaries

Field Data Sheets

PM Laboratory Report

Field Balance Calibration

Meter Box Pre Test Calibration

Meter Box Post Test Calibration

Thermocouple Calibration

AASI

Ambient Air Services, Inc.
Environmental Consultants
106 Ambient Airway Starke, Florida 32091 (904) 964-8440

Example Calculations, Particle Size Test Run 1

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 18, 2016**

1. **Stack Pressure (P_s)**

$$P_s = P_{bar} + (P_g / 13.6)$$

Example.	P_{bar}	=	30.00	**P_s**	=	**29.99**	**in. Hg.**
	P_g	=	-0.20				

2. **Volume Water Vapor, ($V_{w(std)}$).**

$$V_{lc} \times 0.04706$$

Example.	V_{lc}	=	31.0	**$V_{w(std)}$**	=	**1.459**	**SCF**

3. **Meter Volume, corrected to Standard Conditions, ($V_{m(std)}$)**

$$V_m \times Y \times K1 \, (P_{bar} + (\Delta H/13.6))/T_m$$

Example.	V_m	=	31.505	**$V_{m(std)}$**	=	**30.532**	**SCF**
	P_{bar}	=	30.00				
	T_m	=	547.1				
	Y	=	0.998				
	K1	=	17.64				
	ΔH_{avg}	=	1.60				

4. **Total Volume Of Sample, (V_t).**

$$V_{w(std)} + V_{m(std)}$$

Example.	$V_{m(std)}$	=	30.532	**V_t**	=	**31.991**	**SCF**
	$V_{w(std)}$	=	1.459				

5. **Moisture in stack gas, volume fraction (B_{ws})**

$$V_{w(std)} / (V_{w(std)} + V_{m(std)})$$

Example.	$V_{m(std)}$	=	30.532	**B_{ws}**	=	**0.046**	
	$V_{w(std)}$	=	1.459				

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Environmental Consultants
106 Ambient Airway Starke, Florida 32091 (904) 964-8440

Example Calculations, Particle Size Test Run 1

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 18, 2016**

6. **Dry Stack Gas, volume fraction (B_{wd})**

$$= 1 - B_{ws}$$

Example.	B_{ws}	=	0.046	**B_{wd}**	=	**0.954**	

7. **Molecular Weight of Stack Gas, Dry, (M_d).**

$$= (0.44 \times \%CO2) + (0.32 \times \%O2) + (0.28 \times \%N2) + (0.28 \times \%CO)$$

Example.	CO2	=	0.2	**M_d**	=	**28.86**	
	O2	=	20.8				
	N2	=	79.0				
	CO	=	0.0				

8. **Molecular Weight of Stack Gas, Stack Conditions, (M_s).**

$$= M_d \times B_{wd} + 18.0 \times B_{ws}$$

Example.	M_d	=	28.86	**M_s**	=	**28.37**	
	B_{wd}	=	0.954				
	B_{ws}	=	0.046				

9. **Specific Gravity of Gas, Relative to Air, (G_s)**

$$= M_S / 28.99$$

Example.	M_s	=	28.37	**G_s**	=	**0.979**	

10. **Particulate Concentration, Stage 1-3, grams per Standard Cubic Foot, (C_s).**

$$(m_g) / V_{m(std)}$$

Example.	m_g	=	0.02140	**C_s**	=	**0.0007**	**Grams/ SCF.**
	$V_{m(std)}$	=	30.532				

11. **Mass Emission Rate, Grams/Second, (Em).**

$$C_s \times Q_{d(std)} / 60$$

Example.	$Q_{d(std)}$	=	120848	**Em**	=	**1.41**	**Grams/Second**

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Environmental Consultants
106 Ambient Airway Starke, Florida 32091 (904) 964-8440

Example Calculations, Particle Size Test Run 1

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1	
Location	Guantanamo Bay, Cuba	**Date**	April 18, 2016	

Constants

K_1	=	17.64	°R/in. Hg	T_{std}	=	528	°R
P_{std}	=	29.92	inches Hg				

Variables

A	=	Stack Area (ft^2)	P_s	=	Stack Pressure (inches Hg)
A_n	=	Nozzle Area (ft^2)	T_m	=	Meter Temp (degrees R)
B_{ws}	=	Moisture in stack gas, volume fraction	V_{lc}	=	Condensate Volume (ml)
B_{wd}	=	Dry Stack Gas, volume fraction	V_m	=	Volume Metered (ft^3)
C_p	=	Pitot Correction Factor	$V_{m(std)}$	=	Gas Volume Sampled, STPD
C_s	=	Grams per DSCF	$V_{w(std)}$	=	Volume Water Vapor, SCF
D_e	=	Equivilent Diameter (inches)	V_t	=	Total Volume Collected, SCF
E_m	=	Mass Emission Rate, Grams/Second	Y	=	Meter Correction
m_g	=	Collected Weight (grams)	ΔH_{avg}	=	Delta H (inches H_2O)
M_d	=	Molecular Weight of Stack Gas (Dry Basis)	Θ	=	Total Time (minutes)
M_s	=	Molecular Weight of Stack Gas (Stack conditions)			
P_{bar}	=	Barometric Pressure (inches Hg)			
P_g	=	Static Pressure			

AASI

Ambient Air Services, Inc.
Environmental Consultants
106 Ambient Airway Starke, FL 32091 (904) 964-8440

Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/18/2016
Location	Guantanamo Bay, Cuba	**Run**	D1
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	10:04
		Time End (EDT)	10:49

Preliminary Data

Known Variables

Stack Diameter (in.)	12
Barometric Pressure (in. Hg)	30.00
Static Pressure (in. H_2O)	-0.20
Meter Temperature (Estimate, ^oF)	95
Meter Box Delta Ha (in. H_2O)	1.637
Moisture Fraction (Estimate)	0.02
% O_2 (Estimate)	20.5
% CO_2 (Estimate)	0.5
Nozzle Diameter (in.)	0.374

Calculated Variables

Stack Pressure (in.H2O)	29.99

Flow Data

Desired Run Time (minutes)	60.0
Number of Points	1.0
Barometric Pressure (in. Hg)	30.00
Stack Pressure (in.Hg)	29.99
Meter "Y" Factor	0.998
Meter Box Delta Ha (in. H_2O)	1.637
Nozzle Diameter (inches)	0.374
Stack Area (ft^2)	0.785
% O2 (as measured)	20.8
% CO2 (as measured)	0.2
Final Meter Volume (ft3)	501.722
Initial Meter Volume (ft3)	470.217
Impinger Moisture Gain (ml)	18.0
Silica Gel Weight Gain (g)	13.0

AASI

Ambient Air Services, Inc.
Environmental Consultants
106 Ambient Airway Starke, FL 32091 (904) 964-8440

Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/18/2016
Location	Guantanamo Bay, Cuba	**Run**	D1
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	10:04
		Time End (EDT)	10:49

Field Data Points - Particle Size Run D1

Traverse Point	Meter Orifice Setting (in. H_2O)	Meter In Temp (^oF)	Meter Out Temp (^oF)	Dwell Time (min)
0	1.6	84	81	5
5	1.6	89	82	5
10	1.6	91	82	5
15	1.6	93	82	5
20	1.6	94	83	5
25	1.6	94	82	5
30	1.6	93	84	5
35	1.6	93	85	5
40	1.6	91	85	4
Average	1.6	91	83	5
		Total Time		44

AASI

Ambient Air Services, Inc.
Environmental Consultants
106 Ambient Airway Starke, FL 32091 (904) 964-8440

Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/18/2016
Location	Guantanamo Bay, Cuba	**Run**	D1
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	10:04
		Time End (EDT)	10:49

Particle Size Summary Run D1

(A_n) Nozzle Area (ft^2)	0.000763
(Y) Meter Correction Factor	0.998
(Cp) Pitot Correction Factor	0.84
(P_s) Average Stack Pressure (in. Hg)	29.99
($T_{m(abs)}$) Average Meter Temperature (^oR)	547.1
(DH_{avg}) Average delta H (in. H_2O)	1.60
(V_m) Volume Metered (ft^3)	31.505
($V_{m(std)}$) Gas Volume Sampled (STPD)	30.532
($V_{w(std)}$)Volume Water Vapor (SCF)	1.459
Total Volume (STP)	31.991
(B_{ws}) Moisture in stack gas (volume fraction)	0.046
(B_{wd}) Dry Stack Gas (volume fraction)	0.954
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.37

AASI

Ambient Air Services, Inc.
Environmental Consultants
106 Ambient Airway Starke, FL 32091 (904) 964-8440

Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/18/2016
Location	Guantanamo Bay, Cuba	**Run**	D1
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	10:04
		Time End (EDT)	10:49

Particle Size Run D1 - Results

Stage	***50% Cut Diameter (um) d50***	***Particulate Collected (mg)***	**Percentage of Total Particulate**	**Cumulative Percent Weight Less than d50**
1	8.68	13.6	16.77%	83.23
2	12.33	1.4	1.73%	81.50
3	9.29	6.4	7.89%	73.61
4	3.48	6.1	7.52%	66.09
5	1.76	5.5	6.78%	59.31
6	0.97	2.6	3.21%	56.10
7	0.46	6.7	8.26%	47.84
8	0.16	38.8	47.84%	0.00

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/19/2016
Location	Guantanamo Bay, Cuba	**Run**	D2
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	13:41
		Time End (EDT)	14:42

Preliminary Data

Known Variables

Stack Diameter (in.)	12
Barometric Pressure (in. Hg)	29.95
Static Pressure (in. H_2O)	-0.20
Meter Temperature (Estimate, ^oF)	95
Meter Box Delta Ha (in. H_2O)	1.637
Moisture Fraction (Estimate)	0.02
% O_2 (Estimate)	20.5
% CO_2 (Estimate)	0.5
Nozzle Diameter (in.)	0.374

Calculated Variables

Stack Pressure (in.H2O)	29.94

Flow Data

Desired Run Time (minutes)	60.0
Number of Points	1.0
Barometric Pressure (in. Hg)	29.95
Stack Pressure (in.Hg)	29.94
Meter "Y" Factor	0.998
Meter Box Delta Ha (in. H_2O)	1.637
Nozzle Diameter (inches)	0.374
Stack Area (ft^2)	0.785
% O2 (as measured)	20.6
% CO2 (as measured)	0.1
Final Meter Volume (ft3)	549.695
Initial Meter Volume (ft3)	504.372
Impinger Moisture Gain (ml)	4.0
Silica Gel Weight Gain (g)	12.9

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/19/2016
Location	Guantanamo Bay, Cuba	**Run**	D2
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	13:41
		Time End (EDT)	14:42

Field Data Points - Particle Size Run D2

Traverse Point	Meter Orifice Setting (in. H_2O)	Meter In Temp (^oF)	Meter Out Temp (^oF)	Dwell Time (min)
0	1.6	93	92	5
5	1.6	97	92	5
10	1.6	101	92	5
15	1.6	104	92	5
20	1.6	105	92	5
25	1.6	106	93	5
30	1.6	106	93	5
35	1.6	105	93	5
40	1.6	105	94	5
45	1.6	105	94	5
50	1.6	104	94	5
55	1.6	104	94	5
Average	1.6	103	93	5
		Total Time		60.0

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/19/2016
Location	Guantanamo Bay, Cuba	**Run**	D2
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	13:41
		Time End (EDT)	14:42

Particle Size Summary Run D2

(A_n) Nozzle Area (ft^2)	0.000763
(Y) Meter Correction Factor	0.998
(Cp) Pitot Correction Factor	0.84
(P_s) Average Stack Pressure (in. Hg)	29.94
($T_{m(abs)}$) Average Meter Temperature (^oR)	557.9
(DH_{avg}) Average delta H (in. H_2O)	1.60
(V_m) Volume Metered (ft^3)	45.323
($V_{m(std)}$) Gas Volume Sampled (STPD)	43.001
($V_{w(std)}$)Volume Water Vapor (SCF)	0.795
Total Volume (STP)	43.796
(B_{ws}) Moisture in stack gas (volume fraction)	0.018
(B_{wd}) Dry Stack Gas (volume fraction)	0.982
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.84
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.64

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Facility	Naval Station Guantanamo Bay	**Date**	4/19/2016
Location	Guantanamo Bay, Cuba	**Run**	D2
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	13:41
		Time End (EDT)	14:42

Particle Size Run D2 - Results

Stage	*50% Cut Diameter (um) d50*	*Particulate Collected (mg)*	Percentage of Total Particulate	Cumulative Percent Weight Less than d50
1	9.29	4.0	4.73%	95.27
2	12.61	1.7	2.01%	93.25
3	9.53	1.2	1.42%	91.83
4	3.58	2.0	2.37%	89.47
5	1.81	3.4	4.02%	85.44
6	1.01	2.9	3.43%	82.01
7	0.49	47.3	55.98%	26.04
8	0.19	22.0	26.04%	0.00

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Facility	Naval Station Guantanamo Bay	**Date**	4/20/2016
Location	Guantanamo Bay, Cuba	**Run**	D3
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	9:20
		Time End (EDT)	10:20

Preliminary Data

Known Variables

Stack Diameter (in.)	12
Barometric Pressure (in. Hg)	29.96
Static Pressure (in. H_2O)	-0.20
Meter Temperature (Estimate, ^oF)	95
Meter Box Delta Ha (in. H_2O)	1.637
Moisture Fraction (Estimate)	0.02
% O_2 (Estimate)	20.5
% CO_2 (Estimate)	0.5
Nozzle Diameter (in.)	0.374

Calculated Variables

Stack Pressure (in.H2O)	29.95

Flow Data

Desired Run Time (minutes)	60.0
Number of Points	1.0
Barometric Pressure (in. Hg)	29.96
Stack Pressure (in.Hg)	29.95
Meter "Y" Factor	0.998
Meter Box Delta Ha (in. H_2O)	1.637
Nozzle Diameter (inches)	0.374
Stack Area (ft^2)	0.785
% O2 (as measured)	20.6
% CO2 (as measured)	0.2
Final Meter Volume (ft3)	596.010
Initial Meter Volume (ft3)	551.301
Impinger Moisture Gain (ml)	9.0
Silica Gel Weight Gain (g)	11.0

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Facility	Naval Station Guantanamo Bay	**Date**	4/20/2016
Location	Guantanamo Bay, Cuba	**Run**	D3
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	9:20
		Time End (EDT)	10:20

Field Data Points - Particle Size Run D3

Traverse Point	Meter Orifice Setting (in. H_2O)	Meter In Temp (^oF)	Meter Out Temp (^oF)	Dwell Time (min)
0	1.6	80	77	5
5	1.6	85	78	5
10	1.6	92	78	5
15	1.6	96	78	5
20	1.6	98	81	5
25	1.6	99	81	5
30	1.6	99	82	5
35	1.6	100	83	5
40	1.6	101	84	5
45	1.6	102	85	5
50	1.6	103	86	5
55	1.6	104	87	5
Average	1.6	97	82	5
		Total Time		60

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Facility	Naval Station Guantanamo Bay	**Date**	4/20/2016
Location	Guantanamo Bay, Cuba	**Run**	D3
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	9:20
		Time End (EDT)	10:20

Particle Size Summary Run D3

(A_n) Nozzle Area (ft^2)	0.000763
(Y) Meter Correction Factor	0.998
(Cp) Pitot Correction Factor	0.84
(P_s) Average Stack Pressure (in. Hg)	29.95
($T_{m(abs)}$) Average Meter Temperature (^oR)	549.1
(DH_{avg}) Average delta H (in. H_2O)	1.60
(V_m) Volume Metered (ft^3)	44.709
($V_{m(std)}$) Gas Volume Sampled (STPD)	43.112
($V_{w(std)}$)Volume Water Vapor (SCF)	0.941
Total Volume (STP)	44.053
(B_{ws}) Moisture in stack gas (volume fraction)	0.021
(B_{wd}) Dry Stack Gas (volume fraction)	0.979
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.62

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Facility	Naval Station Guantanamo Bay	**Date**	4/20/2016
Location	Guantanamo Bay, Cuba	**Run**	D3
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	9:20
		Time End (EDT)	10:20

Particle Size Run D3 - Results

Stage	*50% Cut Diameter (um) d50*	*Particulate Collected (mg)*	Percentage of Total Particulate	Cumulative Percent Weight Less than d50
1	9.32	2.3	6.55%	93.45
2	12.62	2.4	6.84%	86.61
3	9.56	2.1	5.98%	80.63
4	3.60	2.1	5.98%	74.64
5	1.82	4.4	12.54%	62.11
6	1.01	2.8	7.98%	54.13
7	0.50	5.7	16.24%	37.89
8	0.19	13.3	37.89%	0.00

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Facility	Naval Station Guantanamo Bay	**Date**	4/21/2016
Location	Guantanamo Bay, Cuba	**Run**	D4
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	12:32
		Time End (EDT)	13:27

Preliminary Data

Known Variables

Stack Diameter (in.)	12
Barometric Pressure (in. Hg)	29.96
Static Pressure (in. H_2O)	-0.20
Meter Temperature (Estimate, ^oF)	95
Meter Box Delta Ha (in. H_2O)	1.637
Moisture Fraction (Estimate)	0.02
% O_2 (Estimate)	20.5
% CO_2 (Estimate)	0.5
Nozzle Diameter (in.)	0.374

Calculated Variables

Stack Pressure (in.H2O)	29.95

Flow Data

Desired Run Time (minutes)	60.0
Number of Points	1.0
Barometric Pressure (in. Hg)	29.96
Stack Pressure (in.Hg)	29.95
Meter "Y" Factor	0.998
Meter Box Delta Ha (in. H_2O)	1.637
Nozzle Diameter (inches)	0.374
Stack Area (ft^2)	0.785
% O2 (as measured)	20.6
% CO2 (as measured)	0.3
Final Meter Volume (ft3)	638.830
Initial Meter Volume (ft3)	597.403
Impinger Moisture Gain (ml)	10.0
Silica Gel Weight Gain (g)	10.3

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Facility	Naval Station Guantanamo Bay	**Date**	4/21/2016
Location	Guantanamo Bay, Cuba	**Run**	D4
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	12:32
		Time End (EDT)	13:27

Field Data Points - Particle Size Run D4

Traverse Point	Meter Orifice Setting (in. H_2O)	Meter In Temp (^oF)	Meter Out Temp (^oF)	Dwell Time (min)
0	1.6	92	91	5
5	1.6	96	92	5
10	1.6	101	92	5
15	1.6	103	92	5
20	1.6	104	92	5
25	1.6	106	92	5
30	1.6	106	93	5
35	1.6	107	94	5
40	1.6	107	94	5
45	1.6	107	94	5
50	1.6	104	95	5
55	1.6	104	95	5
Average	1.6	103	93	5
		Total Time		60

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/21/2016
Location	Guantanamo Bay, Cuba	**Run**	D4
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	12:32
		Time End (EDT)	13:27

Particle Size Summary Run D4

(A_n) Nozzle Area (ft^2)	0.000763
(Y) Meter Correction Factor	0.998
(Cp) Pitot Correction Factor	0.84
(P_s) Average Stack Pressure (in. Hg)	29.95
($T_{m(abs)}$) Average Meter Temperature (^oR)	558.0
(DH_{avg}) Average delta H (in. H_2O)	1.60
(V_m) Volume Metered (ft^3)	41.427
($V_{m(std)}$) Gas Volume Sampled (STPD)	39.309
($V_{w(std)}$)Volume Water Vapor (SCF)	0.956
Total Volume (STP)	40.264
(B_{ws}) Moisture in stack gas (volume fraction)	0.024
(B_{wd}) Dry Stack Gas (volume fraction)	0.976
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.87
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.61

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Facility	Naval Station Guantanamo Bay	**Date**	4/21/2016
Location	Guantanamo Bay, Cuba	**Run**	D4
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	12:32
		Time End (EDT)	13:27

Particle Size Run D4 - Results

Stage	*50% Cut Diameter (um) d50*	*Particulate Collected (mg)*	Percentage of Total Particulate	Cumulative Percent Weight Less than d50
1	9.30	3.8	5.87%	94.13
2	12.60	4.1	6.34%	87.79
3	9.54	2.3	3.55%	84.23
4	3.59	1.5	2.32%	81.92
5	1.81	4.2	6.49%	75.43
6	1.01	12.4	19.17%	56.26
7	0.49	9.9	15.30%	40.96
8	0.19	26.5	40.96%	0.00
Total		**64.7000**	**100.00%**	

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Facility	Naval Station Guantanamo Bay	**Date**	4/22/2016
Location	Guantanamo Bay, Cuba	**Run**	D5
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	11:35
		Time End (EDT)	12:35

Preliminary Data

Known Variables

Stack Diameter (in.)	12
Barometric Pressure (in. Hg)	29.98
Static Pressure (in. H_2O)	-0.20
Meter Temperature (Estimate, ^oF)	95
Meter Box Delta Ha (in. H_2O)	1.637
Moisture Fraction (Estimate)	0.02
% O_2 (Estimate)	20.5
% CO_2 (Estimate)	0.5
Nozzle Diameter (in.)	0.374

Calculated Variables

Stack Pressure (in.H2O)	29.97

Flow Data

Desired Run Time (minutes)	60.0
Number of Points	1.0
Barometric Pressure (in. Hg)	29.98
Stack Pressure (in.Hg)	29.97
Meter "Y" Factor	0.998
Meter Box Delta Ha (in. H_2O)	1.637
Nozzle Diameter (inches)	0.374
Stack Area (ft^2)	0.785
% O2 (as measured)	20.7
% CO2 (as measured)	0.3
Final Meter Volume (ft3)	684.585
Initial Meter Volume (ft3)	640.445
Impinger Moisture Gain (ml)	0.0
Silica Gel Weight Gain (g)	18.0

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/22/2016
Location	Guantanamo Bay, Cuba	**Run**	D5
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	11:35
		Time End (EDT)	12:35

Field Data Points - Particle Size Run D5

Traverse Point	Meter Orifice Setting (in. H_2O)	Meter In Temp (^oF)	Meter Out Temp (^oF)	Dwell Time (min)
0	1.6	80	79	5
5	1.6	83	79	5
10	1.6	85	79	5
15	1.6	86	80	5
20	1.6	87	80	5
25	1.6	86	80	5
30	1.6	85	80	5
35	1.6	85	80	5
40	1.6	85	81	5
45	1.6	85	80	5
50	1.6	85	81	5
55	1.6	86	81	5
Average	1.6	85	80	5
		Total Time		60

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/22/2016
Location	Guantanamo Bay, Cuba	**Run**	D5
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	11:35
		Time End (EDT)	12:35

Particle Size Summary Run D5

(A_n) Nozzle Area (ft^2)	0.000763
(Y) Meter Correction Factor	0.998
(Cp) Pitot Correction Factor	0.84
(P_s) Average Stack Pressure (in. Hg)	29.97
($T_{m(abs)}$) Average Meter Temperature (^oR)	542.4
(DH_{avg}) Average delta H (in. H_2O)	1.60
(V_m) Volume Metered (ft^3)	44.140
($V_{m(std)}$) Gas Volume Sampled (STPD)	43.118
($V_{w(std)}$)Volume Water Vapor (SCF)	0.847
Total Volume (STP)	43.965
(B_{ws}) Moisture in stack gas (volume fraction)	0.019
(B_{wd}) Dry Stack Gas (volume fraction)	0.981
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.88
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.67

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Facility	Naval Station Guantanamo Bay	**Date**	4/22/2016
Location	Guantanamo Bay, Cuba	**Run**	D5
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	11:35
		Time End (EDT)	12:35

Particle Size Run D5 - Results

Stage	*50% Cut Diameter (um) d50*	*Particulate Collected (mg)*	Percentage of Total Particulate	Cumulative Percent Weight Less than d50
1	9.31	4.5	7.46%	92.54
2	12.61	1.9	3.15%	89.39
3	9.55	2.2	3.65%	85.74
4	3.59	2.5	4.15%	81.59
5	1.81	3.3	5.47%	76.12
6	1.01	6.8	11.28%	64.84
7	0.49	6.7	11.11%	53.73
8	0.19	32.4	53.73%	0.00

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Facility	Naval Station Guantanamo Bay	**Date**	4/25/2016
Location	Guantanamo Bay, Cuba	**Run**	N1
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	6:09
		Time End (EDT)	6:27

Preliminary Data

Known Variables

Stack Diameter (in.)	12
Barometric Pressure (in. Hg)	29.82
Static Pressure (in. H_2O)	-0.10
Meter Temperature (Estimate, ^oF)	95
Meter Box Delta Ha (in. H_2O)	1.637
Moisture Fraction (Estimate)	0.02
% O_2 (Estimate)	20.6
% CO_2 (Estimate)	0.3
Nozzle Diameter (in.)	0.374

Calculated Variables

Stack Pressure (in.H2O)	29.81

Flow Data

Desired Run Time (minutes)	60.0
Number of Points	1.0
Barometric Pressure (in. Hg)	29.82
Stack Pressure (in.Hg)	29.81
Meter "Y" Factor	0.998
Meter Box Delta Ha (in. H_2O)	1.637
Nozzle Diameter (inches)	0.374
Stack Area (ft^2)	0.785
% O2 (as measured)	20.6
% CO2 (as measured)	0.2
Final Meter Volume (ft3)	698.502
Initial Meter Volume (ft3)	685.512
Impinger Moisture Gain (ml)	4.0
Silica Gel Weight Gain (g)	4.4

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Facility	Naval Station Guantanamo Bay	**Date**	4/25/2016
Location	Guantanamo Bay, Cuba	**Run**	N1
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	6:09
		Time End (EDT)	6:27

Field Data Points - Particle Size Run N1

Traverse Point	Meter Orifice Setting (in. H_2O)	Meter In Temp (^oF)	Meter Out Temp (^oF)	Dwell Time (min)
0	1.6	92	91	5
5	1.6	96	90	5
10	1.6	100	91	5
15	1.6	101	91	5
Average	1.6	97	91	5
		Total Time		20

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Facility	Naval Station Guantanamo Bay	**Date**	4/25/2016
Location	Guantanamo Bay, Cuba	**Run**	N1
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	6:09
		Time End (EDT)	6:27

Particle Size Summary Run N1

(A_n) Nozzle Area (ft^2)	0.000763
(Y) Meter Correction Factor	0.998
(Cp) Pitot Correction Factor	0.84
(P_s) Average Stack Pressure (in. Hg)	29.81
($T_{m(abs)}$) Average Meter Temperature (^oR)	554.0
(DH_{avg}) Average delta H (in. H_2O)	1.60
(V_m) Volume Metered (ft^3)	12.990
($V_{m(std)}$) Gas Volume Sampled (STPD)	12.358
($V_{w(std)}$)Volume Water Vapor (SCF)	0.395
Total Volume (STP)	12.753
(B_{ws}) Moisture in stack gas (volume fraction)	0.031
(B_{wd}) Dry Stack Gas (volume fraction)	0.969
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.52

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/25/2016
Location	Guantanamo Bay, Cuba	**Run**	N1
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	6:09
		Time End (EDT)	6:27

Particle Size Run N1 - Results

Stage	***50% Cut Diameter (um) d50***	***Particulate Collected (mg)***	**Percentage of Total Particulate**	**Cumulative Percent Weight Less than d50**
1	9.29	1.2	1.56%	98.44
2	12.64	1.9	2.47%	95.96
3	9.52	0.4	0.52%	95.44
4	3.57	2.3	2.99%	92.45
5	1.81	3.0	3.91%	88.54
6	1.01	5.6	7.29%	81.25
7	0.48	14.2	18.49%	62.76
8	0.18	48.2	62.76%	0.00
Total		**76.8**	**100.00%**	

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/26/2016
Location	Guantanamo Bay, Cuba	**Run**	N2
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	17:28
		Time End (EDT)	18:18

Preliminary Data

Known Variables

Stack Diameter (in.)	12
Barometric Pressure (in. Hg)	29.80
Static Pressure (in. H_2O)	-0.10
Meter Temperature (Estimate, ^oF)	95
Meter Box Delta Ha (in. H_2O)	1.637
Moisture Fraction (Estimate)	0.02
% O_2 (Estimate)	20.5
% CO_2 (Estimate)	0.5
Nozzle Diameter (in.)	0.374

Calculated Variables

Stack Pressure (in.H2O)	29.79

Flow Data

Desired Run Time (minutes)	60.0
Number of Points	1.0
Barometric Pressure (in. Hg)	29.80
Stack Pressure (in.Hg)	29.79
Meter "Y" Factor	0.998
Meter Box Delta Ha (in. H_2O)	1.637
Nozzle Diameter (inches)	0.374
Stack Area (ft^2)	0.785
% O2 (as measured)	20.8
% CO2 (as measured)	0.2
Final Meter Volume (ft3)	736.571
Initial Meter Volume (ft3)	698.723
Impinger Moisture Gain (ml)	10.0
Silica Gel Weight Gain (g)	10.5

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/26/2016
Location	Guantanamo Bay, Cuba	**Run**	N2
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	17:28
		Time End (EDT)	18:18

Field Data Points - Particle Size Run N2

Traverse Point	Meter Orifice Setting (in. H_2O)	Meter In Temp (^oF)	Meter Out Temp (^oF)	Dwell Time (min)
0	1.6	91	91	5
5	1.6	95	91	5
10	1.6	100	90	5
15	1.6	103	91	5
20	1.6	104	92	5
25	1.6	105	92	5
30	1.6	105	92	5
35	1.6	106	92	5
40	1.6	107	93	5
45	1.6	106	94	5
Average	1.6	102	92	5
		Total Time		50

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/26/2016
Location	Guantanamo Bay, Cuba	**Run**	N2
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	17:28
		Time End (EDT)	18:18

Particle Size Summary Run N2

(A_n) Nozzle Area (ft^2)	0.000763
(Y) Meter Correction Factor	0.998
(Cp) Pitot Correction Factor	0.84
(P_s) Average Stack Pressure (in. Hg)	29.79
($T_{m(abs)}$) Average Meter Temperature (^oR)	557.0
(DH_{avg}) Average delta H (in. H_2O)	1.60
(V_m) Volume Metered (ft^3)	37.848
($V_{m(std)}$) Gas Volume Sampled (STPD)	35.789
($V_{w(std)}$)Volume Water Vapor (SCF)	0.965
Total Volume (STP)	36.754
(B_{ws}) Moisture in stack gas (volume fraction)	0.026
(B_{wd}) Dry Stack Gas (volume fraction)	0.974
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.58

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/26/2016
Location	Guantanamo Bay, Cuba	**Run**	N2
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	17:28
		Time End (EDT)	18:18

Particle Size Run N2 - Results

Stage	*50% Cut Diameter (um) d50*	*Particulate Collected (mg)*	Percentage of Total Particulate	Cumulative Percent Weight Less than d50
1	9.24	6.1	5.41%	94.59
2	12.52	2.0	1.77%	92.81
3	9.47	2.6	2.31%	90.51
4	3.56	7.2	6.39%	84.12
5	1.80	9.3	8.25%	75.87
6	1.00	19.7	17.48%	58.39
7	0.49	17.6	15.62%	42.77
8	0.19	48.2	42.77%	0.00
Total		**112.7**	**100.00%**	

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/27/2016
Location	Guantanamo Bay, Cuba	**Run**	N3
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	18:10
		Time End (EDT)	19:10

Preliminary Data

Known Variables

Stack Diameter (in.)	12
Barometric Pressure (in. Hg)	29.81
Static Pressure (in. H_2O)	-0.10
Meter Temperature (Estimate, ^oF)	95
Meter Box Delta Ha (in. H_2O)	1.637
Moisture Fraction (Estimate)	0.02
% O_2 (Estimate)	20.5
% CO_2 (Estimate)	0.5
Nozzle Diameter (in.)	0.374

Calculated Variables

Stack Pressure (in.H2O)	29.80

Flow Data

Desired Run Time (minutes)	60.0
Number of Points	1.0
Barometric Pressure (in. Hg)	29.81
Stack Pressure (in.Hg)	29.80
Meter "Y" Factor	0.998
Meter Box Delta Ha (in. H_2O)	1.637
Nozzle Diameter (inches)	0.374
Stack Area (ft^2)	0.785
% O2 (as measured)	20.8
% CO2 (as measured)	0.2
Final Meter Volume (ft3)	782.874
Initial Meter Volume (ft3)	737.363
Impinger Moisture Gain (ml)	11.0
Silica Gel Weight Gain (g)	10.6

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/27/2016
Location	Guantanamo Bay, Cuba	**Run**	N3
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	18:10
		Time End (EDT)	19:10

Field Data Points - Particle Size Run N3

Traverse Point	Meter Orifice Setting (in. H_2O)	Meter In Temp (^oF)	Meter Out Temp (^oF)	Dwell Time (min)
0	1.6	93	93	5
5	1.6	97	93	5
10	1.6	102	93	5
15	1.6	106	94	5
20	1.6	107	95	5
25	1.6	109	95	5
30	1.6	110	95	5
35	1.6	110	95	5
40	1.6	110	97	5
45	1.6	109	95	5
50	1.6	109	95	5
55	1.6	109	95	5
Average	1.6	106	95	5
		Total Time		60

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/27/2016
Location	Guantanamo Bay, Cuba	**Run**	N3
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	18:10
		Time End (EDT)	19:10

Particle Size Summary Run N3

(A_n) Nozzle Area (ft^2)	0.000763
(Y) Meter Correction Factor	0.998
(Cp) Pitot Correction Factor	0.84
(P_s) Average Stack Pressure (in. Hg)	29.80
($T_{m(abs)}$) Average Meter Temperature (^oR)	560.3
(DH_{avg}) Average delta H (in. H_2O)	1.60
(V_m) Volume Metered (ft^3)	45.511
($V_{m(std)}$) Gas Volume Sampled (STPD)	42.799
($V_{w(std)}$)Volume Water Vapor (SCF)	1.017
Total Volume (STP)	43.816
(B_{ws}) Moisture in stack gas (volume fraction)	0.023
(B_{wd}) Dry Stack Gas (volume fraction)	0.977
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.61

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Facility	Naval Station Guantanamo Bay	**Date**	4/27/2016
Location	Guantanamo Bay, Cuba	**Run**	N3
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	18:10
		Time End (EDT)	19:10

Particle Size Run N3 - Results

Stage	*50% Cut Diameter (um) d50*	*Particulate Collected (mg)*	Percentage of Total Particulate	Cumulative Percent Weight Less than d50
1	9.27	1.9	3.51%	96.49
2	12.57	1.2	2.21%	94.28
3	9.51	1.2	2.21%	92.07
4	3.58	1.1	2.03%	90.04
5	1.81	3.1	5.72%	84.32
6	1.01	9.9	18.27%	66.05
7	0.49	9.7	17.90%	48.15
8	0.19	26.1	48.15%	0.00
Total		**54.2**	**100.00%**	

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/28/2016
Location	Guantanamo Bay, Cuba	**Run**	N4
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	17:30
		Time End (EDT)	17:55

Preliminary Data

Known Variables

Stack Diameter (in.)	12
Barometric Pressure (in. Hg)	29.81
Static Pressure (in. H_2O)	-0.10
Meter Temperature (Estimate, ^oF)	95
Meter Box Delta Ha (in. H_2O)	1.637
Moisture Fraction (Estimate)	0.02
% O_2 (Estimate)	20.5
% CO_2 (Estimate)	0.5
Nozzle Diameter (in.)	0.374

Calculated Variables

Stack Pressure (in.H2O)	29.80

Flow Data

Desired Run Time (minutes)	60.0
Number of Points	1.0
Barometric Pressure (in. Hg)	29.81
Stack Pressure (in.Hg)	29.80
Meter "Y" Factor	0.998
Meter Box Delta Ha (in. H_2O)	1.637
Nozzle Diameter (inches)	0.374
Stack Area (ft^2)	0.785
% O2 (as measured)	20.8
% CO2 (as measured)	0.2
Final Meter Volume (ft3)	802.811
Initial Meter Volume (ft3)	784.768
Impinger Moisture Gain (ml)	6.0
Silica Gel Weight Gain (g)	4.3

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/28/2016
Location	Guantanamo Bay, Cuba	**Run**	N4
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	17:30
		Time End (EDT)	17:55

Field Data Points - Particle Size Run N4

Traverse Point	Meter Orifice Setting (in. H_2O)	Meter In Temp (^oF)	Meter Out Temp (^oF)	Dwell Time (min)
0	1.6	95	94	5
5	1.6	99	93	5
10	1.6	103	93	5
15	1.6	105	93	5
20	1.6	105	93	5
25	1.6	106	93	5
30	1.6	105	93	5
Average	1.6	103	93	5
		Total Time		35

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/28/2016
Location	Guantanamo Bay, Cuba	**Run**	N4
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	17:30
		Time End (EDT)	17:55

Particle Size Summary Run N4

(A_n) Nozzle Area (ft^2)	0.000763
(Y) Meter Correction Factor	0.998
(Cp) Pitot Correction Factor	0.84
(P_s) Average Stack Pressure (in. Hg)	29.80
($T_{m(abs)}$) Average Meter Temperature (^oR)	557.9
(DH_{avg}) Average delta H (in. H_2O)	1.60
(V_m) Volume Metered (ft^3)	18.043
($V_{m(std)}$) Gas Volume Sampled (STPD)	17.041
($V_{w(std)}$)Volume Water Vapor (SCF)	0.485
Total Volume (STP)	17.526
(B_{ws}) Moisture in stack gas (volume fraction)	0.028
(B_{wd}) Dry Stack Gas (volume fraction)	0.972
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.56

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/28/2016
Location	Guantanamo Bay, Cuba	**Run**	N4
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	17:30
		Time End (EDT)	17:55

Particle Size Run N4 - Results

Stage	*50% Cut Diameter (um) d50*	*Particulate Collected (mg)*	Percentage of Total Particulate	Cumulative Percent Weight Less than d50
1	9.40	4.0	5.61%	94.39
2	12.78	1.9	2.66%	91.73
3	9.64	1.8	2.52%	89.20
4	3.62	3.7	5.19%	84.01
5	1.84	5.9	8.27%	75.74
6	1.03	12.6	17.67%	58.06
7	0.50	15.6	21.88%	36.19
8	0.19	25.8	36.19%	0.00
Total		**71.3**	**100.00%**	

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/29/2016
Location	Guantanamo Bay, Cuba	**Run**	N5
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	16:25
		Time End (EDT)	17:25

Preliminary Data

Known Variables

Stack Diameter (in.)	12
Barometric Pressure (in. Hg)	29.88
Static Pressure (in. H_2O)	-0.10
Meter Temperature (Estimate, ^oF)	95
Meter Box Delta Ha (in. H_2O)	1.637
Moisture Fraction (Estimate)	0.02
% O_2 (Estimate)	20.5
% CO_2 (Estimate)	0.5
Nozzle Diameter (in.)	0.374

Calculated Variables

Stack Pressure (in.H2O)	29.87

Flow Data

Desired Run Time (minutes)	60.0
Number of Points	1.0
Barometric Pressure (in. Hg)	29.88
Stack Pressure (in.Hg)	29.87
Meter "Y" Factor	0.998
Meter Box Delta Ha (in. H_2O)	1.637
Nozzle Diameter (inches)	0.374
Stack Area (ft^2)	0.785
% O2 (as measured)	20.8
% CO2 (as measured)	0.1
Final Meter Volume (ft3)	848.778
Initial Meter Volume (ft3)	803.146
Impinger Moisture Gain (ml)	10.0
Silica Gel Weight Gain (g)	12.0

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/29/2016
Location	Guantanamo Bay, Cuba	**Run**	N5
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	16:25
		Time End (EDT)	17:25

Field Data Points - Particle Size Run N5

Traverse Point	Meter Orifice Setting (in. H_2O)	Meter In Temp (^oF)	Meter Out Temp (^oF)	Dwell Time (min)
0	1.6	96	96	5
5	1.6	100	96	5
10	1.6	104	96	5
15	1.6	106	95	5
20	1.6	108	95	5
25	1.6	108	95	5
30	1.6	109	95	5
35	1.6	109	95	5
40	1.6	109	95	5
45	1.6	109	95	5
50	1.6	108	95	5
55	1.6	108	95	5
Average	1.6	106	95	5
		Total Time		60

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/29/2016
Location	Guantanamo Bay, Cuba	**Run**	N5
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	16:25
		Time End (EDT)	17:25

Particle Size Summary Run N5

(A_n) Nozzle Area (ft^2)	0.000763
(Y) Meter Correction Factor	0.998
(Cp) Pitot Correction Factor	0.84
(P_s) Average Stack Pressure (in. Hg)	29.87
($T_{m(abs)}$) Average Meter Temperature (^oR)	560.7
(DH_{avg}) Average delta H (in. H_2O)	1.60
(V_m) Volume Metered (ft^3)	45.632
($V_{m(std)}$) Gas Volume Sampled (STPD)	42.978
($V_{w(std)}$)Volume Water Vapor (SCF)	1.036
Total Volume (STP)	44.014
(B_{ws}) Moisture in stack gas (volume fraction)	0.024
(B_{wd}) Dry Stack Gas (volume fraction)	0.976
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.85
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.59

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Cascade Impactor

Facility	Naval Station Guantanamo Bay	**Date**	4/29/2016
Location	Guantanamo Bay, Cuba	**Run**	N5
Source	Air Curtain Incinerator D-1	**Time Start (EDT)**	16:25
		Time End (EDT)	17:25

Particle Size Run N5 - Results

Stage	*50% Cut Diameter (um) d50*	*Particulate Collected (mg)*	Percentage of Total Particulate	Cumulative Percent Weight Less than d50
1	9.28	3.5	7.22%	92.78
2	12.58	1.9	3.92%	88.87
3	9.52	1.6	3.30%	85.57
4	3.58	1.4	2.89%	82.68
5	1.81	4.6	9.48%	73.20
6	1.01	5.9	12.16%	61.03
7	0.49	8.9	18.35%	42.68
8	0.19	20.7	42.68%	0.00
Total		**48.5**	**100.00%**	

2HR

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
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Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	Cuba					Run No.	1 Day				
Source	Burn Box ACI					Date	4/14/16				
Weather						Filter Number	5020				
Testers	MH		Test(s)	501		Barometric Pressure	30.00				
Equipment Identification	Pitot	—	Probe	—	Heater Box	—	Meter Box	8	Cold box	7	
Thermocouple Identification	Stack	—	Impinger	TT6	Heater Box	—	Meter In	TCM8-1	Meter Out	TCM8-2	
Sampling	Total min (Θ)		45	Total Points (n)					Min/Pt		
Profile	Stack Diameter (in) (D)			Downstream Dia.					Upstream Dia.		
Nozzle Diameter (avg) (D_n)	0.374	Nozzle Diameter Calibration Checks		1	.374	2	.374	3	.374		
Isokinetic Factor Calculation	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})	—	Meter (ΔHa)	1.6	Meter (Y)	0.998	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		~~Isokinetic Rate Factor~~		
									setting = 1.6		
Start Time	10:04	Final Meter Reading (ft3)	501.722		Orsat/Fyrite/ Analyzer		O_2 (%)	20.8	Comments:		
Finish Time	10:49	Initial Meter Reading (ft3)	470.217				CO_2 (%)	0.2			
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected		18	ml
.010	cfm@15"Hg	.006	cfm@ 23 "Hg	-0.20	"H_2O	N/A	at 3"	Silica Gel Weight		13.0	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	
	0	470.217	—	1.6	8	—	—	63	84	81	
	5	473.835	—	1.6	8	—	—	60	89	82	
	10	477.430	—	1.6	9	—	—	61	91	82	
	15	481.1	—	1.6	9	—	—	62	93	82	
	20	484.7	—	1.6	10	—	—	63	94	83	
	25	488.4	—	1.6	11	—	—	65	94	82	
	30	492.1	—	1.6	12	—	—	62	93	84	
	35	495.8	—	1.6	13	—	—	61	93	85	
	40	499.5	—	1.6	17	—	—	60	91	85	
	~~45~~ 44	501.722	—	.1	23	—	—	61	~~89~~ 89	85	
	50										
	55										
	60										

Method 5 Field Data Sheet Rev 5, 071015

$T_s = 222F$

SOURCE SAMPLING FIELD DATA SHEET

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Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	Cuba			Run No.	#2 ~~DAY~~		
Source	ACI			Date	4/19/16		
Weather				Filter Number	501.9		
Testers	MH	Test(s)	501	Barometric Pressure	29.95		

Equipment Identification	Pitot	–	Probe	–	Heater Box	–	Meter Box	8	Cold box	7	
Thermocouple Identification	Stack	–	Impinger	TT6	Heater Box	–	Meter In	TCMB8-1	Meter Out	TCMB8-2	
Sampling	**Total min (Θ)**		60	**Total Points (n)**				Min/Pt			
Profile	**Stack Diameter (in) (D)**			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.374	Nozzle Diameter Calibration Checks		1	.374	2	.374	3	.374		
Isokinetic Factor Calculation	Pre T_s	–	Pre T_m	–	Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	–	**Meter (Y)**	0.998	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		~~Isokinetic Rate Factor~~		
									1.6		

Start Time	13:41	Final Meter Reading (ft3)	549.695	**Orsat/Fyrite/ Analyzer**	**O_2 (%)**	20.6	Comments:
Finish Time	14:42	Initial Meter Reading (ft3)	504.372		**CO_2 (%)**	0.1	

Pre Test Leak Check	Post Test Leak Check	**Static Pressure**	Pitot Leak Check	**Volume H_2O Collected**	4	ml
.030 cfm@15"Hg	.006 cfm@ 14 "H_g	-0.20 **"H_2O**	N/A at 3"	**Silica Gel Weight**	12.9	gr

Port and Sample Point	Clock Time (min)	**Gas Meter Reading (cfm)**	**Stack Velocity (in H_2O)**	**Orifice Pressure Drop (in H_2O)**	Vacuum (in H_g)	**Stack Gas Temp (°F)**	Filter Temp (°F)	**Last Impinger Temp (°F)**	**Meter Temp (°F)**	**Meter Temp (°F)**	
2	0	504.372	–	1.6	6	–	–	65	93	92	
	5	508.1	–	1.6	6	–	–	64	97	92	
	10	511.8	–	1.6	7	–	–	61	101	92	
	15	515.6	–	1.6	7.5	–	–	58	104	92	
	20	519.4	–	1.6	8	–	–	56	105	92	
	25	523.2	–	1.6	8.5	–	–	55	106	93	
	30	527.0	–	1.6	9.0	–	–	56	106	93	
	35	530.0	–	1.6	9.0	–	–	56	105	93	
	40	534.5	–	1.6	10.0	–	–	57	105	94	
	45	538.4	–	1.6	10.0	–	–	57	105	94	
	50	542.2	–	1.6	10.5	–	–	57	104	94	
	55	546.0	–	1.6	11.0	–	–	56	104	94	
	60	549.695		1.6	12.0			56	104	94	

T_s 126

SOURCE SAMPLING FIELD DATA SHEET

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Facility	Cuba			Run No.	3		
Source	ACI			Date	4/20/16		
Weather	85 Sunny Light wind			Filter Number			
Testers	MH	Test(s)	501	Barometric Pressure	29.96		

Equipment Identification	Pitot	–	Probe	–	Heater Box	4	Meter Box	8	Cold box	7	
Thermocouple Identification	Stack		Impinger	TT6	Heater Box	TCHB4	Meter In	TCMB8-1	Meter Out	TCMB8-2	
Sampling	**Total min (Θ)**		**Total Points (n)**					Min/Pt			
Profile	**Stack Diameter (in) (D)**		Downstream Dia.					Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.374	Nozzle Diameter Calibration Checks		1	–	2	–	3	–		
	Pre T_s	–	Pre T_m	–	Pre Dry Stack Gas (B_{wd})		–	Meter (ΔHa)	–	**Meter (Y)**	0.998
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		**~~Isokinetic Rate~~ Factor**		
Isokinetic Factor Calculation									1.6		

Start Time	9:20	Final Meter Reading (ft3)	596.010	Orsat/Fyrite/ Analyzer	O_2 (%)	20.6	Comments:
Finish Time	10:20	Initial Meter Reading (ft3)	551.301		CO_2 (%)	0.2	

Pre Test Leak Check	Post Test Leak Check	**Static Pressure**	Pitot Leak Check	**Volume H_2O Collected**	
.005 cfm@15"Hg	.003 cfm@ 14 "H_g	-0.20 **"H_2O**	N/A at 3"	**Silica Gel Weight**	11 gr

Port and Sample Point	Clock Time (min)	**Gas Meter Reading (cfm)**	**Stack Velocity (in H_2O)**	**Orifice Pressure Drop (in H_2O)**	Vacuum (in H_g)	**Stack Gas Temp (°F)**	Filter Temp (°F)	**Last Impinger Temp (°F)**	**Meter Temp (°F)**	**Meter Temp (°F)**	
2	0	551.301	–	1.6	8	–	–	64	80	77	
	5	555.0	–	1.6	8	–	–	60	85	78	
	10	558.6	–	1.6	8.5	–	–	60	92	78	
	15	562.3	–	1.6	9.0	–	–	57	96	78	
	20	566.0	–	1.6	9.5	–	–	54	98	81	
	25	569.9	–	1.6	10.0	–	–	53	99	81	
	30	573.4	–	1.6	10.0	–	–	53	99	82	
	35	577.1	–	1.6	10.5	–	–	53	100	83	
	40	580.9	–	1.6	11.0	–	–	53	101	84	
	45	584.7	–	1.6	11.0	–	–	53	102	85	
	50	588.5	–	1.6	11.5	–	–	53	103	86	
	55	592.2	–	1.6	11.5	–	–	54	104	87	
	60	596.010	–	1.6	12.0			54	102	88	

$T_s = 95$

PS

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Facility	GTMO					Run No.	4				
Source	H3 ACT					Date	4/21/16				
Weather	Cloudy					Filter Number	5011				
Testers	MH		Test(s)	501		Barometric Pressure	29.96				
Equipment Identification	Pitot	—	Probe	—	Heater Box	—	Meter Box	8	Cold box	7	
Thermocouple Identification	Stack	—	Impinger	TT6	Heater Box	~~4~~	Meter In	TCM88-1	Meter Out	TCM88-1	
Sampling	Total min (Θ)		55	Total Points (n)				Min/Pt			
Profile	Stack Diameter (in) (D)			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.374	Nozzle Diameter Calibration Checks		1	—	2	—	3	—		
Isokinetic Factor Calculation	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})	—	Meter (ΔHa)	—	Meter (Y)	0.994	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
									1.4		

Start Time	1232	Final Meter Reading (ft3)	638.830	Orsat/Fyrite/ Analyzer	O_2 (%)	20.6	Comments:
Finish Time	1327	Initial Meter Reading (ft3)	597.403		CO_2 (%)	0.3	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	
.012 cfm@15"Hg	0.014 cfm@ 22 "H_g	-0.20 "H_2O	N/A at 3"	Silica Gel Weight	10 ml / 10.3 gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	
	0	597.403		1.7	8			72	92	91	
	5	601.1		1.7	9			64	96	92	
	10	604.9		1.7	10			57	101	92	
	15	608.7		1.7	10			54	103	92	
	20	612.5		1.7	11			53	104	92	
	25	616.4		1.7	11.5			52	106	92	
	30	620.2		1.7	12.0			52	106	93	
	35	624.2		1.7	13.0			52	107	94	
	40	628.0		1.7	14.0			52	107	94	
	45	631.8		1.7	15.0			52	107	94	
	50	635.5		1.7	20.0			53	104	95	max vac at 52 min data
	55	638.830		0.5	22.0			53	104	95	
	60										

$T_s = 112$

MultiMac JV: NSGB ACI Report
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Facility	Cmb.							**Run No.**	5		
Source	ACI							**Date**	4/22/16		
Weather	Overcast							**Filter Number**	5014		
Testers	MH			**Test(s)**	501			**Barometric Pressure**	29.98		
Equipment Identification	Pitot	—	Probe	—	Heater Box	4	Meter Box	8	Cold box	7	
Thermocouple Identification	Stack	—	Impinger	TT6	Heater Box	TC HB4	Meter In	TC MBX-1	Meter Out	TC MB-2	
Sampling	**Total min (Θ)**		60	**Total Points (n)**				Min/Pt			
Profile	**Stack Diameter (in) (D)**			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.374	Nozzle Diameter Calibration Checks		1	—	2	—	3	—		
	Pre T_s		Pre T_m	—	Pre Dry Stack Gas (B_{wd})	—	Meter (ΔHa)		**Meter (Y)**	0.990	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		**Isokinetic Rate Factor**		
Isokinetic Factor Calculation									1.6		

Start Time	11:35	Final Meter Reading (ft3)	684.585	**Orsat/Fyrite/ Analyzer**	**O_2 (%)**	20.7	Comments:
Finish Time	12:36	Initial Meter Reading (ft3)	640.445		**CO_2 (%)**	0.3	

Pre Test Leak Check	Post Test Leak Check	**Static Pressure**	Pitot Leak Check	**Volume H_2O Collected**	
.006 cfm@15"Hg	0.009 cfm@ 22 "H_g	−0.20 "H_2O	N/A at 3"	**Silica Gel Weight**	18 gr

Port and Sample Point	Clock Time (min)	**Gas Meter Reading (cfm)**	**Stack Velocity (in H_2O)**	**Orifice Pressure Drop (in H_2O)**	Vacuum (in H_g)	**Stack Gas Temp (°F)**	Filter Temp (°F)	**Last Impinger Temp (°F)**	**Meter Temp (°F)**	**Meter Temp (°F)**	
2	0	640.445	—	1.6	11	—	—	60	80	79	
	5	644.0	—	1.6	13	—	—	58	83	79	
	10	647.7	—	1.6	15	—	—	53	85	79	
	15	651.5	—	1.6	16	—	—	50	86	80	
	20	655.2	—	1.6	17.5	—	—	49	87	80	
	25	658.9	—	1.6	19.0	—	—	48	86	80	
	30	662.7	—	1.6	19.5	—	—	47	85	80	
	35	666.5	—	1.6	20.5	—	—	47	85	80	
	40	670.2	—	1.6	21.0	—	—	49	85	81	
	45	674.0	—	1.6	21.5	—	—	49	85	80	
	50	677.5	—	1.5	21.5	—	—	48	85	81	
	55	681.1	—	1.4	21.5	—	—	49	86	81	
	60	684.585		1.3	21.5			49	86	81	

$T_s = 107$

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Facility	Clubs			Run No.	Night 1		
Source	ACI			Date	4/25/16		
Weather	Clear			Filter Number	5221		
Testers	MH	Test(s)	501	Barometric Pressure	29.82		

Equipment Identification	Pitot	—	Probe	—	Heater Box	HBY	Meter Box	F	Cold box	7	
Thermocouple Identification	Stack	—	Impinger	776	Heater Box	~~TCHBY~~	Meter In	TCMBF-1	Meter Out	TCMB-2	
Sampling	Total min (Θ)		18 ~~60~~	Total Points (n)				Min/Pt			
Profile	Stack Diameter (in) (D)			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.374	Nozzle Diameter Calibration Checks		1	—	2	—	3	—		
Isokinetic Factor Calculation	Pre T_s		Pre T_m	—	Pre Dry Stack Gas (B_{wd})	—	Meter (ΔHa)	—	Meter (Y)	0.998	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		

Start Time	6:09	Final Meter Reading (ft3)	698.502	Orsat/Fyrite/ Analyzer	O_2 (%)	20.6	Comments:
Finish Time	6:27	Initial Meter Reading (ft3)	685.512		CO_2 (%)	0.3	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	4	ml
.012 cfm@15"Hg	.006 cfm@ 23 "Hg	— 0.10 "H_2O	NIX at 3"	Silica Gel Weight	4.4	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	
3	0	685.512	—	1.6	9	—	250	58	92	91	
3	5	688.9	—	1.6	12.5	—	250	53	96	90	
3	10	692.7	—	1.6	15.0	—	251	50	100	91	
3	15	696.3	—	1.6	21.0	—	250	50	101	91	
3	18~~20~~	698.502	—	1.6	23.0	—	250	50	101	91	
	25										
	30										
	35										
	40										
	45										
	50										
	55										
	60										

$T_s = 172$

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Facility	Cuba			Run No.	Night 2		
Source	ACI			Date	9/26/18		
Weather	Clear Breezy			Filter Number	5015		
Testers	MH	Test(s)	501	Barometric Pressure	29.80		

Equipment Identification	Pitot	—	Probe	—	Heater Box	~~HB4~~	Meter Box	8	Cold box	7	
Thermocouple Identification	Stack	—	Impinger	TT 6	Heater Box	~~TC HB4~~	Meter In	TCMB8-1	Meter Out	TCMB8-2	
Sampling	**Total min (Θ)**		60	**Total Points (n)**				Min/Pt			
Profile	**Stack Diameter (in) (D)**			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.374	Nozzle Diameter Calibration Checks		1	—	2	—	3	—		

	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})	—	Meter (ΔHa)	1.637	**Meter (Y)** .998
Isokinetic Factor Calculation	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		**Isokinetic Rate Factor**
									L0

Start Time	17:28	Final Meter Reading (ft3)	736.571	**Orsat/Fyrite/ Analyzer**	O_2 (%)	20.8	Comments:
Finish Time	18:18	Initial Meter Reading (ft3)	698.723		CO_2 (%)	0.2	

Pre Test Leak Check	Post Test Leak Check	**Static Pressure**	Pitot Leak Check	**Volume H_2O Collected**	
.010 cfm@15"Hg	0.012 cfm@21 "H_g	−0.10 "H_2O	N/A at 3"	**Silica Gel Weight**	10.5 gr

Port and Sample Point	Clock Time (min)	**Gas Meter Reading (cfm)**	**Stack Velocity (in H_2O)**	**Orifice Pressure Drop (in H_2O)**	Vacuum (in H_g)	**Stack Gas Temp (°F)**	Filter Temp (°F)	**Last Impinger Temp (°F)**	**Meter Temp (°F)**	**Meter Temp (°F)**	
3	0	698.723	—	1.6	7	—	248	64	91	91	
	5	702.4	—	1.6	8	—	250	60	95	91	
	10	706.3	—	1.6	9	—	250	59	100	90	
	15	710.1	—	1.6	10	—	250	58	103	91	
	20	713.9	—	1.6	11	—	249	59	104	92	
	25	717.8	—	1.6	11.5	—	249	59	105	92	
	30	721.7	—	1.6	12.0	—	250	59	105	92	
	35	725.5	—	1.6	12.0	—	250	59	106	92	
	40	729.3	—	1.6	13.0	—	250	59	107	93	
	45	733.1	—	1.6	15.0	—	249	59	106	94	
	50	736.571									
	55										
	60										

$T_s = 117$

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Facility	Cuba						**Run No.**	Night 3		
Source	ACI						**Date**	7/27/16		
Weather	Clear						**Filter Number**	5010		
Testers	MH		**Test(s)**	501			**Barometric Pressure**	29.81		
Equipment Identification	Pitot	—	Probe	—	Heater Box	4	Meter Box	8	Cold box	7
Thermocouple Identification	Stack	—	Impinger	TCTT6	Heater Box	TCHB4	Meter In	TCMB8-1	Meter Out	TCMB8-2
Sampling	**Total min (Θ)**		60	**Total Points (n)**			Min/Pt			
Profile	**Stack Diameter (in) (D)**			Downstream Dia.			Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.374	Nozzle Diameter Calibration Checks		1	—	2	—	3	—	
	Pre T_s	—	Pre T_m	—	Pre Dry Stack Gas (B_{wd})		—	Meter (ΔHa)	1.637	**Meter (Y)**	0.998
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		**Isokinetic Rate Factor**	
Isokinetic Factor Calculation									1.6	

Start Time	18:10	Final Meter Reading (ft3)	782.874	**Orsat/Fyrite/ Analyzer**	O_2 (%)	20.8	Comments:
Finish Time	19:10	Initial Meter Reading (ft3)	737.363		CO_2 (%)	0.2	

Pre Test Leak Check	Post Test Leak Check	**Static Pressure**	Pitot Leak Check	**Volume H_2O Collected**	
.004 cfm@15"Hg	0.006 cfm@ 17 "H_g	-0.10 **"H_2O**	N/A at 3"	**Silica Gel Weight**	11 ml / 10.6 gr

Port and Sample Point	Clock Time (min)	**Gas Meter Reading (cfm)**	**Stack Velocity (in H_2O)**	**Orifice Pressure Drop (in H_2O)**	Vacuum (in H_g)	**Stack Gas Temp (°F)**	Filter Temp (°F)	**Last Impinger Temp (°F)**	**Meter Temp (°F)**	**Meter Temp (°F)**	
3	0	737.363	—	—	8	—	249	62	93	93	
	5	741.1	—	—	8.5	—	250	59	97	93	
	10	744.6	—	—	9.0	—	250	55	102	93	
	15	748.1	—	—	9.5	—	250	55	106	94	
	20	752.6	—	—	10.0	—	249	55	107	94	
	25	756.0	—	—	10.5	—	250	55	109	95	
	30	760.1	—	—	11.0	—	249	56	110	95	
	35	763.9	—	—	11.5	—	251	56	110	95	
	40	767.7	—	—	12.0	—	250	57	110	97	
	45	771.5	—	—	12.5	—	250	57	109	95	
	50	775.4	—	—	13.0	—	251	57	109	95	
	55	779.2	—	—	13.5	—	250	58	109	95	
	60	782.874			15.0						

$T_s = 119$

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Facility	Cnba			Run No.	Night 4		
Source	ACI			Date	4/28/16		
Weather				Filter Number	5016		
Testers	MH	Test(s)	501	Barometric Pressure	29.81		

Equipment Identification	Pitot	–	Probe	–	Heater Box	4	Meter Box	8	Cold box	7	
Thermocouple Identification	Stack	–	Impinger	TC TC6	Heater Box	TC HB4	Meter In	TCMB8-1	Meter Out	TCMB8-2	
Sampling	Total min (Θ)		25	Total Points (n)				Min/Pt			
Profile	Stack Diameter (in) (D)			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.371	Nozzle Diameter Calibration Checks		1		2		3			
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})			Meter (ΔHa)	1.637	Meter (Y)	0.998
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation											

Start Time	17:30	Final Meter Reading (ft3)	802.811	Orsat/Fyrite/ Analyzer	O_2 (%)	20.8	Comments:
Finish Time	17:55	Initial Meter Reading (ft3)	784.768		CO_2 (%)	0.2	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	6	ml	
.003 cfm@15"Hg	.001 cfm@ 22 "Hg	−0.10 "H_2O	at 3"	Silica Gel Weight	4.3	gr	

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	
S	0	784.768	–	1.6	8	–	250	61	95	94	
	5	788.4	–	1.6	9	–	249	56	99	93	
	10	792.3	–	1.6	10.5	–	250	52	103	93	
	15	795.9	–	1.4	12.0	–	249	51	105	93	
	20	799.7	–	1.6	13.5	–	251	50	106	93	
	25	802.811	–	1.0	22.0	–	250	53	105	93	
	30										
	35										
	40										
	45										
	50										
	55										
	60										

$T_s = 143$

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Facility	Cuba			Run No.	Night 5		
Source	ACI			Date	4/29/16		
Weather	Clear			Filter Number	5016		
Testers	MH	Test(s)	501	Barometric Pressure	29.88		

Equipment Identification	Pitot	–	Probe	–	Heater Box	4	Meter Box	8	Cold box	7	
Thermocouple Identification	Stack	–	Impinger	TT6	Heater Box	TCHB4	Meter In	TCMB8-1	Meter Out	TCMB8-2	
Sampling	Total min (Θ)		60	Total Points (n)				Min/Pt			
Profile	Stack Diameter (in) (D)			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.374	Nozzle Diameter Calibration Checks		1	.374	2	.374	3	.374		
Isokinetic Factor Calculation	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})			Meter (ΔHa)	1.637	Meter (Y)	.998
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		

Start Time	16:25	Final Meter Reading (ft3)	848.776	Orsat/Fyrite/ Analyzer	O_2 (%)	20.8	Comments:
Finish Time	17:25	Initial Meter Reading (ft3)	803.146		CO_2 (%)	0.1	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	10	ml
.004 cfm@15"Hg	.001 cfm@ 14 "H_g	−0.10 "H_2O	N/A at 3"	Silica Gel Weight	12	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	
3	0	803.146	–	1.6	7	–	249	62	96	96	
	5	806.8	–	1.6	8	–	250	61	100	96	
	10	810.6	–	1.6	9	–	249	60	104	96	
	15	814.5	–	1.6	9.5	–	250	60	106	95	
	20	818.4	–	1.6	10.0	–	251	61	108	95	
	25	822.2	–	1.6	10.5	–	250	60	108	95	
	30	826.0	–	1.6	10.5	–	249	59	109	95	
	35	829.8	–	1.6	11.0	–	251	58	109	95	
	40	833.6	–	1.6	11.5	–	250	59	109	95	
	45	837.5	–	1.6	12.0	–	249	59	109	95	
	50	841.3	–	1.6	12.5	–	250	58	108	95	
	55	844.9	–	1.6	13.0	–	250	58	108	95	
	60	848.778		1.6	13.5						

T_s = 110

Ambient Air Services, Inc.

Analytical Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/18/16 - 4/22/16
Source:	Air Curtain Incinerator -- Day Testing Condition	Date Processed:	4/28/2016
Balance:	Make: AND	Date Weighed:	5/4/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: Particle Sizing

Filterable Particulate Matter

Stage Weight Gain - Run 1

Sample Name	Stage Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H628	1	0.0136		0.0010	0.0001	Acetone	
H629	2	0.0014		0.0010	0.0001	Acetone	
H630	3	0.0064		0.0010	0.0001	Acetone	
H631	4	0.0061		0.0010	0.0001	Acetone	
H632	5	0.0055		0.0010	0.0001	Acetone	
H633	6	0.0026		0.0010	0.0001	Acetone	
H634	7	0.0067		0.0010	0.0001	Acetone	
H635	8	0.0126		0.0010	0.0001	Acetone	
5020	F	0.0262		0.0010	0.0001	Glass	

Stage Weight Gain - Run 2

Sample Name	Stage Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H637	1	0.0040		0.0010	0.0001	Acetone	
H638	2	0.0017		0.0010	0.0001	Acetone	
H639	3	0.0012		0.0010	0.0001	Acetone	
H640	4	0.0020		0.0010	0.0001	Acetone	
H641	5	0.0034		0.0010	0.0001	Acetone	
H642	6	0.0029		0.0010	0.0001	Acetone	
H643	7	0.0473		0.0010	0.0001	Acetone	
H644	8	0.0034		0.0010	0.0001	Acetone	
5019	F	0.0186		0.0010	0.0001	Glass	

Stage Weight Gain - Run 3

Sample Name	Stage Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H645	1	0.0023		0.0010	0.0001	Acetone	
H646	2	0.0024		0.0010	0.0001	Acetone	
H647	3	0.0021		0.0010	0.0001	Acetone	
H648	4	0.0021		0.0010	0.0001	Acetone	
H649[(1)]	5	0.0044		0.0010	0.0001	Acetone	
H650	6	0.0028		0.0010	0.0001	Acetone	
H651	7	0.0057		0.0010	0.0001	Acetone	
H652	8	0.0109		0.0010	0.0001	Acetone	
5012	F	0.0226		0.0010	0.0001	Glass	

Stage Weight Gain - Run 4

Sample Name	Stage Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H654	1	0.0038		0.0010	0.0001	Acetone	
H655	2	0.0041		0.0010	0.0001	Acetone	
H656	3	0.0023		0.0010	0.0001	Acetone	
H657	4	0.0015		0.0010	0.0001	Acetone	
H658[(2)]	5	0.0042		0.0010	0.0001	Acetone	
H659	6	0.0124		0.0010	0.0001	Acetone	
H660	7	0.0099		0.0010	0.0001	Acetone	
H661	8	0.0102		0.0010	0.0001	Acetone	
5011	F	0.0163		0.0010	0.0001	Glass	

Method 5 Lab
Template
Rev 2, 020812

Ambient Air Services, Inc.

Analytical Report

Stage Weight Gain - Run 5

Sample Name	Stage Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H662	1	0.0045		0.0010	0.0001	Acetone	
H663	2	0.0019		0.0010	0.0001	Acetone	
H664	3	0.0022		0.0010	0.0001	Acetone	
H748[3]	4	0.0025		0.0010	0.0001	Acetone	
H666	5	0.0033		0.0010	0.0001	Acetone	
H667	6	0.0068		0.0010	0.0001	Acetone	
H668	7	0.0067		0.0010	0.0001	Acetone	
H669	8	0.0094		0.0010	0.0001	Acetone	
5014	F	0.0230		0.0010	0.0001	Glass	

Processed by: Martin Rosier Date: 5/9/2016

Quality Assurance: Daniel Ockenhouse Date: 8/5/2016

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Acronyms

MRL	Method Reporting Limit
MDL	Method Detection Limit

Data Qualifiers (Q)

ND	Not Detected
j	The result is between the MDL and the MRL
#	The control limit criteria was exceeded

Revision notes: (1): Beaker H649 was examined on 7/26 and determined to have a foreign object present. After investigation the object was identified as part of the bottle cap liner. The piece was removed from the beaker and the beaker was reweighed
(2): Beaker H658 was notably higher than expected. A data entry error was noted and corrected for this revision
(3): Beaker H665 was weighed and yielded a particulate gain of 0 grams. The beaker was visually examined to have particulate. The particulate was extracted into beaker H748 and reweighed.

Method 5 Lab
Template
Rev 2, 020812

Raw Data Entry

CLIENT	Naval Station Guantanamo Bay
SOURCE	Air Curtain Incinerator -- Day Testing Condition
DATE COLLECTED	4/18/16 - 4/22/16
DATE PROCESSED	4/28/2016
DATE Weighed	5/4/2016
Filter Media:	Glass/Acetone

Run 1

Stage Number	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**F**
Filter No.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5020
Beaker No.	H628	H629	H630	H631	H632	H633	H634	H635	N/A
Sample Volume(ml)	35	26	18	20	26	19	40	90	N/A
Final wt.(grams)	107.9384	106.1128	104.0033	108.3315	108.0484	109.8481	105.4257	97.0248	0.1460
Beaker Tare Wt.(grams)	107.9248	106.1114	103.9969	108.3254	108.0429	109.8455	105.419	97.0122	N/A
Filter Tare Wt.(grams)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1198
Blank Correction	0.0002	0.0002	0.0001	0.0001	0.0002	0.0001	0.0003	0.0006	N/A
Net Wt. (grams)	**0.0136**	**0.0014**	**0.0064**	**0.0061**	**0.0055**	**0.0026**	**0.0067**	**0.0126**	**0.0262**

Run 2

Stage Number	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**F**
Filter No.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5019
Beaker No.	H637	H638	H639	H640	H641	H642	H643	H644	N/A
Sample Volume(ml)	40	17	12	33	34	34	48	41	N/A
Final wt.(grams)	108.2869	106.1824	109.0615	105.9213	104.8618	109.4669	108.1559	103.0326	0.1384
Beaker Tare Wt.(grams)	108.2829	106.1807	109.0603	105.9193	104.8584	109.4640	108.1086	103.0292	N/A
Filter Tare Wt.(grams)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1198
Blank Correction	0.0003	0.0001	0.0001	0.0002	0.0002	0.0002	0.0003	0.0003	N/A
Net gain (grams)	**0.0040**	**0.0017**	**0.0012**	**0.0020**	**0.0034**	**0.0029**	**0.0473**	**0.0034**	**0.0186**

Run 3

Stage Number	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**F**	Impinger
Filter No.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5012	H653
Beaker No.	H645	H646	H647	H648	H649[1]	H650	H651	H652	N/A	H653
Sample Volume(ml)	33	30	22	28	49	26	47	70	N/A	
Final wt.(grams)	108.4935	106.5207	105.0552	109.4819	108.8977	106.9382	107.9393	109.1524	0.1123	106.4088
Beaker Tare Wt.(grams)	108.4912	106.5183	105.0531	109.4798	108.8933	106.9354	107.9336	109.1415	N/A	106.3886
Filter Tare Wt.(grams)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1099	
Blank Correction	0.0002	0.0002	0.0001	0.0002	0.0003	0.0002	0.0003	0.0005	N/A	
Net gain (grams)	**0.0023**	**0.0024**	**0.0021**	**0.0021**	**0.0044**	**0.0028**	**0.0057**	**0.0109**	**0.0024**	**0.0202**

Run 4

Stage Number	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**F**
Filter No.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5011
Beaker No.	H654	H655	H656	H657	H658[2]	H659	H660	H661	N/A
Sample Volume(ml)	38	34	12	26	40	60	45	59	N/A
Final wt.(grams)	107.6908	113.8441	102.1778	94.0125	110.6372	110.3318	109.6417	108.0768	0.1268
Beaker Tare Wt.(grams)	107.6870	113.8400	102.1755	94.0110	110.633	110.3194	109.6318	108.0666	N/A
Filter Tare Wt.(grams)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1105
Blank Correction	0.0003	0.0002	0.0001	0.0002	0.0003	0.0004	0.0003	0.0004	N/A
Net gain (grams)	**0.0038**	**0.0041**	**0.0023**	**0.0015**	**0.0042**	**0.0124**	**0.0099**	**0.0102**	**0.0163**

Run 5

Stage Number	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**F**	Impinger
Filter No.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5014	
Beaker No.	H662	H663	H664	H748[3]	H666	H667	H668	H669	N/A	H670
Sample Volume(ml)	36	20	30	100	32	38	40	44	N/A	
Final wt.(grams)	109.9393	102.6723	114.4458	109.1890	105.0857	108.4772	108.179	107.4741	0.1210	95.7092
Beaker Tare Wt.(grams)	109.9348	102.6704	114.4436	109.1865	105.0824	108.4704	108.1723	107.4647	N/A	95.6958
Filter Tare Wt.(grams)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1114	
Blank Correction	0.0002	0.0001	0.0002	0.0007	0.0002	0.0003	0.0003	0.0003	N/A	
Net gain (grams)	**0.0045**	**0.0019**	**0.0022**	**0.0025**	**0.0033**	**0.0068**	**0.0067**	**0.0094**	**0.0096**	**0.0134**

Reagent Blank

Reagent	Acetone
Sample No.	H636
Sample Volume(ml)	90
Final wt.(grams)	107.2058
Tare Wt.(grams)	107.2052
Net gain (grams)	**0.0006**

Technician: Martin Rosier

Quality Assurance: Daniel Ockenhouse

Method 5 Lab
Template
Rev 2, 020812

Ambient Air Services, Inc.

Quality Assurance Balance Check Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/18/16 - 4/22/16
Source:	Air Curtain Incinerator -- Day Testing Condition	Date Processed:	4/28/2016
Balance:	Make: AND	Date Weighed:	5/4/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: USEPA Method 5

Quality Assurance Balance Checks

Weight Set ID	Audit Weight	Scale Weight	Q	Difference	Limits	Comments
S-2	100.0000	100.0000		0.0000	0.0004	
S-2	10.0000	10.0001		0.0001	0.0004	
S-2	5.0000	5.0000		0.0000	0.0004	
S-2	2.0000	2.0000		0.0000	0.0004	
S-2	0.5000	0.5000		0.0000	0.0004	

Technician: Martin Rosier Date: 5/9/2016

Quality Assurance: Daniel Ockenhouse Date: 8/5/2016

Method 5 Lab
Template
Rev 2, 020812

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: Cuba Location: GTMO

Laboratory Name: AASI
Address: 106 Ambient Airway
Lab Contact: Dan Ockenhouse
Project # Cuba

Samplers: Mike H, Matt H, Will G, Abe L

Page 1 of 1
RUSH!
Standard X
Date Report Desired:

	Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Required Analysis: Gravimetric	Remarks
	Filter 5020	4/18/16	Cuba	1 Day	501	Filter	Filter	1	X	
1	Nozzle to cyclone					Rinse	Acet	1	X	
2	Nozzle to 1st							1	X	
3	1st stage to 2nd							1	X	
4	2nd to 3rd							1	X	
5	3rd to 4th							1	X	
6	4th to 5th							1	X	
7	5th to 6th							1	X	
8	6th to 7th							1	X	

Relinquished by:	Printed Name: Michael Hinkel	Time 1300	Received by:	Printed Name: MARTIN ROSIER	Time 8:10
	Signature: Michael Hinkel	Date 4/25/16		Signature: Martin Rosier	Date 4-25-16
	Affiliation: AASI			Affiliation: AAST	
Relinquished by:	Printed Name: MARTIN ROSIER	Time 8:45	Received by:	Printed Name:	Time
	Signature: Martin Rosier	Date 5-4-16		Signature:	Date
	Affiliation: AAST			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: Cuba Location: GTMO

Laboratory Name: AASI
Address: 106 Ambient Airway
Lab Contact: Dan Ockelmann
Project # Cuba

Samplers: Mike H, Matt H, Will G, Abe L

Page 1 of 1
RUSH!
Standard X
Date Report Desired:

	Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Gravimetric	Required Analysis	Remarks
	Filter 5310	4/19/16	Cuba	2 Day	5041	Filter	Filter	1	X		
1	Nozzle + catch					Rinse	Act	1	X		
2	Nozzle tube + bf							1	X		
3	1st to 2nd							1	X		
4	2nd to 3rd							1	X		
5	3rd to 4th							1	X		
6	4th to 5th							1	X		
7	5th to 6th							1	X		
8	6th to 7th							1	X		

Relinquished by:	Printed Name: Michael Hinkel	Time 13:00	Received by:	Printed Name: MARTIN ROSIER	Time ~~11:40~~ 8:10
	Signature: Michael Hinkel	Date 4/25/16		Signature: Martin Rosier	Date ~~4-27-16~~ MK 4-28-16
	Affiliation: AASI			Affiliation: AASI	
Relinquished by:	Printed Name: MARTIN ROSIER	Time 8:45	Received by:	Printed Name:	Time
	Signature: Martin Rosier	Date 5-4-16		Signature:	Date
	Affiliation: AASI			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: Cuba Location: GTMO

Laboratory Name: AASI
Address: 106 Ambient Airway Starke FL 32091
Lab Contact: Dan Ackenhausen
Project #: Cuba

Samplers: Mike H, Matt H, Will G., Abe L

Page 1 of 1
RUSH!
Standard
Date Report Desired:

	Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Gravimetric	Required Analysis	Remarks
	Filter 5012	4/20/16	Cuba	30hr	501	Filter	Filter	1	X		
8	Nozzle + catch	↓	↓	↓	↓	Rinse	Act	1	X		
9	Nozzle tube to 1st					↓	↓	1	X		
3	1st to 2nd							1	X		
4	2nd to 3rd							1	X		
5	3rd to 4th							1	X		
6	4th to 5th							1	X		
7	5th to 6th							1	X		
8	6th to 7th			↓	↓			1	X		
	Impinger Catch	↓	↓	30hr	501	Imp Catch	DI	1	X		

Relinquished by:	Printed Name: Michael Hinkel	Time 13:00	Received by:	Printed Name: MARTIN ARSILA	Time 8:10
	Signature: Michael Hinkel	Date 4/25/16		Signature: Martin Arsila	Date 4-26-16
	Affiliation: AASI			Affiliation: AASI	
Relinquished by:	Printed Name: MARTIN ARSILA	Time 8:45	Received by:	Printed Name:	Time
	Signature: Martin Arsila	Date 5-4-16		Signature:	Date
	Affiliation: AASI			Affiliation:	

For Lab Use Only

Sample Integrity:	Lab results issued to:	Remarks:
(Note here any damage or loss during transport)	By: When:	
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: Cuba Location: GTMO

Laboratory Name: AASI
Address: 106 Ambient Airway
Starke, FL 32091
Lab Contact: Dan Ockenhouse
Project #: Cuba

Samplers: Mike H, Matt H, Will G, Abe L

Page 1 of 1
RUSH!
Standard X
Date Report Desired:

	Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Gravimetric	Required Analysis	Remarks
	Filter 5011	4/21/16	Cuba	4 Day	501	Filter	Filter	1	X		
1	Nozzle + catch					Rinse	Acet	1	X		
2	Nozzle tube + 1st							1	X		
3	1st to 2nd							1	X		
4	2nd to 3rd							1	X		
5	3rd to 4th							1	X		
6	4th to 5th							1	X		
7	5th to 6th							1	X		
8	6th to 7th							1	X		

Relinquished by:	Printed Name: Michael Henkel	Time 13:00	Received by:	Printed Name: MARTIN ROSIER	Time 8:10
	Signature: Michael Henkel	Date 4/25/16		Signature: Martin Rosier	Date 4-28-16
	Affiliation: AASI			Affiliation: AASI	
Relinquished by:	Printed Name: MARTIN ROSIER	Time 8:45	Received by:	Printed Name:	Time
	Signature: Martin Rosier	Date 5-4-16		Signature:	Date
	Affiliation: AASI			Affiliation:	

For Lab Use Only

Sample Integrity:
(Note here any damage or loss during transport)

Lab results issued to:
By: When:

Disposition of samples to others:

Where stored:

Remarks:

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: Cuba Location: GTMO

Laboratory Name: AASI
Address: 106 Ambient Airway
Starke, FL 32091
Lab Contact: Dan Ockenhouse
Project # Cuba

Samplers: Mike H, Matt H, Willie, Alex L.

Page 1 of 1
RUSH!
Standard X
Date Report Desired:

Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Gravimetric	Required Analysis	Remarks
Filter 5014	4/22/16	Cuba	5 Day	501	Filter	Filter	1	X		
Nozzle + cutter					Acetone	ACT	1	X		
Nozzle tube 1st							1	X		
1st to 2nd							1	X		
2nd to 3rd							1	X		
3rd to 4th							1	X		
4th to 5th							1	X		
5th to 6th							1	X		
6th to 7th							1	X		
Impinger catch					Impinger	OI	1	X		

Relinquished by:	Printed Name: Michael E Hackel	Time	Received by:	Printed Name: Martin Rozier	Time 9:10
	Signature: Michael E Hackel	Date		Signature: MARTIN ROZIER	Date 4-28-16
	Affiliation: AASI			Affiliation: NAVST	
Relinquished by:	Printed Name:	Time	Received by:	Printed Name:	Time
	Signature:	Date		Signature:	Date
	Affiliation:			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc.

Analytical Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/25/16 - 4/29/16
Source:	Air Curtain Incinerator D-1 Night Testing Condition	Date Processed:	5/9/2016
Balance:	Make: AND	Date Weighed:	5/13/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: Particle Sizing

Filterable Particulate Matter

Stage Weight Gain - Run 1

Sample Name	Stage Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H689	1	0.0012		0.0010	0.0001	Acetone	
H690	2	0.0019		0.0010	0.0001	Acetone	
H691	3	0.0004		0.0010	0.0001	Acetone	
H692	4	0.0023		0.0010	0.0001	Acetone	
H693	5	0.0030		0.0010	0.0001	Acetone	
H694	6	0.0056		0.0010	0.0001	Acetone	
H695	7	0.0142		0.0010	0.0001	Acetone	
H696	8	0.0188		0.0010	0.0001	Acetone	
5021	F	0.0294		0.0010	0.0001	Glass	

Stage Weight Gain - Run 2

Sample Name	Stage Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H697	1	0.0061		0.0010	0.0001	Acetone	
H698	2	0.0020		0.0010	0.0001	Acetone	
H699	3	0.0026		0.0010	0.0001	Acetone	
H700	4	0.0072		0.0010	0.0001	Acetone	
H701	5	0.0093		0.0010	0.0001	Acetone	
H702	6	0.0197		0.0010	0.0001	Acetone	
H703	7	0.0176		0.0010	0.0001	Acetone	
H704	8	0.0120		0.0010	0.0001	Acetone	
5015	F	0.0362		0.0010	0.0001	Glass	

Stage Weight Gain - Run 3

Sample Name	Stage Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H705	1	0.0019		0.0010	0.0001	Acetone	
H706	2	0.0012		0.0010	0.0001	Acetone	
H707	3	0.0012		0.0010	0.0001	Acetone	
H708	4	0.0011		0.0010	0.0001	Acetone	
H709	5	0.0031		0.0010	0.0001	Acetone	
H710	6	0.0099		0.0010	0.0001	Acetone	
H711	7	0.0097		0.0010	0.0001	Acetone	
H712	8	0.0091		0.0010	0.0001	Acetone	
5010	F	0.0170		0.0010	0.0001	Glass	

Stage Weight Gain - Run 4

Sample Name	Stage Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H713	1	0.0040		0.0010	0.0001	Acetone	
H714	2	0.0019		0.0010	0.0001	Acetone	
H715	3	0.0018		0.0010	0.0001	Acetone	
H716	4	0.0037		0.0010	0.0001	Acetone	
H717	5	0.0059		0.0010	0.0001	Acetone	
H718	6	0.0126		0.0010	0.0001	Acetone	
H719	7	0.0156		0.0010	0.0001	Acetone	
H720	8	0.0071		0.0010	0.0001	Acetone	
5016	F	0.0187		0.0010	0.0001	Glass	

Method 5 Lab
Template
Rev 2, 020812

Ambient Air Services, Inc.

Analytical Report

Stage Weight Gain - Run 5

Sample Name	Stage Number	Result (grams)	Q	MRL	MDL	Matrix	Comments
H721	1	0.0035		0.0010	0.0001	Acetone	
H722	2	0.0019		0.0010	0.0001	Acetone	
H723	3	0.0016		0.0010	0.0001	Acetone	
H724	4	0.0014		0.0010	0.0001	Acetone	
H725	5	0.0046		0.0010	0.0001	Acetone	
H726	6	0.0059		0.0010	0.0001	Acetone	
H727	7	0.0089		0.0010	0.0001	Acetone	
H728	8	0.0064		0.0010	0.0001	Acetone	
5016	F	0.0143		0.0010	0.0001	Glass	

Processed by: Martin Rosier Date: 5/16/2016

Quality Assurance: Daniel Ockenhouse Date: 6/27/2016

`

Acronyms

MRL	Method Reporting Limit
MDL	Method Detection Limit

Data Qualifiers (Q)

ND	Not Detected
j	The result is between the MDL and the MRL
#	The control limit criteria was exceeded

Method 5 Lab
Template
Rev 2, 020812

Raw Data Entry

CLIENT	Naval Station Guantanamo Bay
SOURCE	Air Curtain Incinerator D-1 Night Testing Condition
DATE COLLECTED	4/25/16 - 4/29/16
DATE PROCESSED	5/9/2016
DATE Weighed	5/13/2016
Filter Media:	Glass/Acetone

Run 1

Stage Number	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**F**
Filter No.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5021
Beaker No.	H689	H690	H691	H692	H693	H694	H695	H696	N/A
Sample Volume(ml)	34	26	17	30	36	32	56	55	N/A
Final wt.(grams)	108.6616	108.0332	103.4454	109.5806	106.5131	107.9881	109.2743	93.6324	0.1387
Beaker Tare Wt.(grams)	108.6604	108.0313	103.4450	109.5783	106.5101	107.9825	109.2601	93.6136	N/A
Filter Tare Wt.(grams)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1093
Blank Correction	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0004	0.0004	N/A
Net Wt. (grams)	**0.0012**	**0.0019**	**0.0004**	**0.0023**	**0.0030**	**0.0056**	**0.0142**	**0.0188**	**0.0294**

Run 2

Stage Number	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**F**
Filter No.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5015
Beaker No.	H697	H698	H699	H700	H701	H702	H703	H704	N/A
Sample Volume(ml)	35	22	23	24	40	56	62	58	N/A
Final wt.(grams)	109.0535	96.3660	105.9751	96.4582	107.6817	99.2724	107.6744	108.3469	0.1468
Beaker Tare Wt.(grams)	109.0474	96.3640	105.9725	96.451	107.6724	99.2527	107.6568	108.3349	N/A
Filter Tare Wt.(grams)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1106
Blank Correction	0.0002	0.0001	0.0002	0.0002	0.0003	0.0004	0.0004	0.0004	N/A
Net gain (grams)	**0.0061**	**0.0020**	**0.0026**	**0.0072**	**0.0093**	**0.0197**	**0.0176**	**0.0120**	**0.0362**

Run 3

Stage Number	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**F**
Filter No.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5010
Beaker No.	H705	H706	H707	H708	H709	H710	H711	H712	N/A
Sample Volume(ml)	26	30	24	40	41	49	50	57	N/A
Final wt.(grams)	108.3591	113.7280	109.1389	95.4992	106.5824	109.1113	100.1214	108.6141	0.1269
Beaker Tare Wt.(grams)	108.3572	113.7268	109.1377	95.4981	106.5793	109.1014	100.1117	108.605	N/A
Filter Tare Wt.(grams)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1099
Blank Correction	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0004	N/A
Net gain (grams)	**0.0019**	**0.0012**	**0.0012**	**0.0011**	**0.0031**	**0.0099**	**0.0097**	**0.0091**	**0.0170**

Run 4

Stage Number	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**F**
Filter No.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5016
Beaker No.	H713	H714	H715	H716	H717	H718	H719	H720	N/A
Sample Volume(ml)	26	27	30	30	35	70	65	69	N/A
Final wt.(grams)	108.9642	114.0741	115.1352	106.2384	107.6275	115.4796	108.6453	94.7337	0.1386
Beaker Tare Wt.(grams)	108.9602	114.0722	115.1334	106.2347	107.6216	115.4670	108.6297	94.7266	N/A
Filter Tare Wt.(grams)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1199
Blank Correction	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0004	0.0005	N/A
Net gain (grams)	**0.0040**	**0.0019**	**0.0018**	**0.0037**	**0.0059**	**0.0126**	**0.0156**	**0.0071**	**0.0187**

Run 5

Stage Number	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**F**
Filter No.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5016
Beaker No.	H721	H722	H723	H724	H725	H726	H727	H728	N/A
Sample Volume(ml)	32	25	30	26	44	60	63	54	N/A
Final wt.(grams)	107.8202	110.3957	99.0856	104.5222	109.0885	103.8980	100.4941	109.1732	0.1237
Beaker Tare Wt.(grams)	107.8167	110.3938	99.084	104.5208	109.0839	103.8921	100.4852	109.1668	N/A
Filter Tare Wt.(grams)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.1094
Blank Correction	0.0002	0.0002	0.0002	0.0002	0.0003	0.0004	0.0004	0.0004	N/A
Net gain (grams)	**0.0035**	**0.0019**	**0.0016**	**0.0014**	**0.0046**	**0.0059**	**0.0089**	**0.0064**	**0.0143**

Reagent Blank

Reagent	Acetone
Sample No.	H636
Sample Volume(ml)	90
Final wt.(grams)	107.2058
Tare Wt.(grams)	107.2052
Net gain (grams)	**0.0006**

Technician Martin Rosier

Method 5 Lab
Template
Rev 2, 020812

Ambient Air Services, Inc.

Quality Assurance Balance Check Report

Client:	Naval Station Guantanamo Bay	Date Collected:	4/25/16 - 4/29/16
Source:	Air Curtain Incinerator D-1 Night Testing Condition	Date Processed:	5/9/2016
Balance:	Make: AND	Date Weighed:	5/13/2016
	Model: ER120A	units:	grams
	Serial Number: 3502688		

Analysis Method: USEPA Method 5

Quality Assurance Balance Checks

Weight Set ID	Audit Weight	Scale Weight	Q	Difference	Limits	Comments
S-2	100.0000	99.9999		-0.0001	0.0004	
S-2	10.0000	10.0000		0.0000	0.0004	
S-2	5.0000	5.0001		0.0001	0.0004	
S-2	2.0000	2.0001		0.0001	0.0004	
S-2	0.5000	0.5001		0.0001	0.0004	

Technician: Martin Rosier Date: 5/16/2016

Quality Assurance: Daniel Ockenhouse Date: 6/27/2016

Method 5 Lab
Template
Rev 2, 020812

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: Cuba

Location: Guantanamo Bay

Laboratory Name: AASI
Address: 106 Ambient Airway
Starke, FL 32091
Lab Contact: Dan Ockerhouse
Project # Cuba

Samplers: Mike Hinkel, Abe Lafferty, Will G, Matt H

Page 1 of 1
RUSH!
Standard X
Date Report Desired:

	Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Gravimetric	Required Analysis	Remarks
	Filter 5021	4/25/16	Cuba	Night 1	501	Filter	Filter	1	X		
1	Nozzle + Cutch					Rinse	Act	1	X		
2	Nozzle tube - 1st							1	X		
3	1st to 2nd							1	X		
4	2nd to 3rd							1	X		
5	3rd to 4th							1	X		
6	4th to 5th							1	X		
7	5th to 6th							1	X		
8	6th to 7th							1	X		

Relinquished by:	Printed Name: Michael Hinkel	Time 13:00	Received by:	Printed Name: MARTIN ROSIER	Time 8:45
	Signature: Michael Hinkel	Date 5/3/16		Signature: Martin Rosier	Date 5-6-16
	Affiliation: AASI			Affiliation: AAST	
Relinquished by:	Printed Name: MARTIN ROSIER	Time 9:35	Received by:	Printed Name:	Time
	Signature: Martin Rosier	Date 5/4/16		Signature:	Date
	Affiliation: AAST			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: Cuba
Location: Guantanamo Bay

Laboratory Name: AASI
Address: 106 Ambient Airway, Starke, FL 32091
Lab Contact: Dan Oikenhouse
Project #: Cuba

Samplers: Mike H, Abel L, Matt H, Will G

Page 1 of 1
RUSH!
Standard X
Date Report Desired:

	Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Gravimetric	Remarks
	Filter 5015	4/26/16	Cuba	Night 2	5015	Filter	Filter	1	X	
1	Nozzle + Catch					Rinse	Acet	1	X	
2	nozzle tube to 1st							1	X	
3	1st to 2nd							1	X	
4	2nd to 3rd							1	X	
5	3rd to 4th							1	X	
6	4th to 5th							1	X	
7	5th to 6th							1	X	
8	6th to 7th							1	X	

Relinquished by:	Printed Name: Michael Hinkel	Time 13:00	Received by:	Printed Name: Martin Rosier	Time ~~8:50~~ 8:58
	Signature: Michael Hinkel	Date 5/3/16		Signature: Martin Rosier	Date 5-6-16
	Affiliation: AASI			Affiliation: AASI	
Relinquished by:	Printed Name: Martin Rosier	Time 9:35	Received by:	Printed Name:	Time
	Signature: Martin Rosier	Date 5-11-16		Signature:	Date
	Affiliation: AASI			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: Cuba

Location: Guantanamo Bay

Laboratory Name: AASI
Address: 106 Ambient Airway
Starke, FL 32091
Lab Contact: Dan Ockenhouse
Project # Cuba

Samplers: Mike H, Will G, Abe L, Matt H

Page 1 of 1
RUSH!
Standard X
Date Report Desired:

	Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Gravimetric	Required Analysis	Remarks
	Filter 5010	4/27/16	Cuba	Night 3	501	Filter	Filter	1	X		
1	Nozzle + Catch					Rinse	Acet	1	X		
2	Nozzle tube + 1st							1	X		
3	1st to 2nd							1	X		
4	2nd to 3rd							1	X		
5	3rd to 4th							1	X		
6	4th to 5th							1	X		
7	5th to 6th							1	X		
8	6th to 7th	↓	↓	↓	↓	↓	↓	1	X		

Relinquished by:	Printed Name: Michael Hinkel	Time 13:00	Received by:	Printed Name: MARTIN RUSIÑA	Time 9:15
	Signature: Michael S Hinkel	Date 5/3/16		Signature: Martin Rusiña	Date 5-6-16
	Affiliation: AASI			Affiliation: AAST	
Relinquished by:	Printed Name: MARTIN RUSIÑA	Time 9:35	Received by:	Printed Name:	Time
	Signature: Martin Rusiña	Date 5-11-16		Signature:	Date
	Affiliation: AAST			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: Cuba, Location: Guantanamo Bay Cuba

Laboratory Name: AASI
Address: 106 Ambient Airway Starke, FL 32091
Lab Contact: Dan Ockenhouse
Project #

Samplers: Mike H, Will G, Abe L, Matt H

Page 1 of 1
RUSH!
Standard X
Date Report Desired:

	Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Gravimetric	Remarks
	F. Her 50/60	4/28/16	Cuba	Night 4	50i	Filter	Filter	1	X	
1	Nozzle + Catch					Rinse	Acet	1	X	
2	Nozzle tube + 1st							1	X	
3	1st + 2nd							1	X	
4	2nd + 3rd							1	X	
5	3rd + 4th							1	X	
6	4th + 5th							1	X	
7	5th + 6th							1	X	
8	6th + 7th							1	X	

Relinquished by:	Printed Name: Michael Hinkel	Time 13:00	Received by:	Printed Name: MARTIN ROSIER	Time 9:40
	Signature: Michael Hinkel	Date 5/3/16		Signature: Martin Rosier	Date 5-6-16
	Affiliation: AASI			Affiliation: AASI	
Relinquished by:	Printed Name: MARTIN ROSIER	Time 9:35	Received by:	Printed Name:	Time
	Signature: Martin Rosier	Date 5-11-16		Signature:	Date
	Affiliation: AASI			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Ambient Air Services, Inc
106 Ambient Airway Starke, FL 32091 (904) 964-8440 FAX: (904) 964-6675

Chain of Custody & Analysis Request

Project Name: Cuba
Location: Guantanamo, Bay

Laboratory Name: AASI
Address: 106 Ambient Airway Starke, FL 32091
Lab Contact: Dan Ockenhouse
Project # Cuba

Samplers: Mike H, Will G, Abe L, Matt H

Page of
RUSH!
Standard X
Date Report Desired:

	Sample ID	Sample Date	Source	Run	Method	Type	Matrix	Number of Containers	Required Analysis: Gravimetric	Remarks
1	Filter 5016	4/29/16	Cuba	Night 5	501	Filter	Filter	1	X	
2	Nozzle + Catch					Rinse	Act	1	X	
3	Nozzle tube + 1st							1	X	
4	1st to 2nd							1	X	
5	2nd to 3rd							1	X	
6	3rd to 4th							1	X	
7	4th to 5th							1	X	
8	5th to 6th							1	X	
	6th to 7th							1	X	

Relinquished by:	Printed Name: Michael Hinkel	Time 13:00	Received by:	Printed Name: MARTIN ROSIER	Time 10:10
	Signature: Michael Hinkel	Date 5/3/16		Signature: Martin Rosier	Date 5-6-16
	Affiliation: AASI			Affiliation: AASI	
Relinquished by:	Printed Name: MARTIN ROSIER	Time 9:35	Received by:	Printed Name:	Time
	Signature: Martin Rosier	Date 5-1-16		Signature:	Date
	Affiliation: AASI			Affiliation:	

For Lab Use Only

Sample Integrity: (Note here any damage or loss during transport)	Lab results issued to: By: When:	Remarks:
	Disposition of samples to others:	
	Where stored:	

Chain of Custody Analysis Request Form
Rev 7, 092415

Calibration Report

LOCATION : Ambient Air Services, Inc.

MAKE : AND

MODEL : ER120A

N.I.S.T. TRACEABILITY NO.: **1308**

SERIAL NO. : 3502688

FOR COMPLIANCE WITH : **I.S.O. 9002**
MIL-STD 45662A

ENVIRONMENTAL CONDITIONS : 24° C, 36% RH

READABILITY : 0.0001 g

	BEFORE CALIBRATION	AFTER CALIBRATION
MICROMETER ERROR :	N/A	N/A
SCALE DEFLECTION :	110.0003 g	110.0000 g
MID - SCALE READING :	55.0001 g	55.0000 g
LINEARITY :	±0.1 mg	±0.1 mg
DEF. AT FULL TARE :	N/A	N/A
DEF. AT CAPACITY :	N/A	N/A
TIME TO STABILITY :	<25 seconds	<25 seconds
ARM LENGTH ERROR :	N/A	N/A
CORNER LOAD ERROR :	0.0002 %	0.0002 %
STANDARD DEVIATION :	0.167 mg	0.158 mg
CAL. WEIGHT ERROR :	<0.1 mg	<0.1 mg
ACCUMULATIVE ERROR OF DIAL WEIGHTS BY DECADE :	N/A	N/A

NOTES : Cleaned, inspected and calibrated. Balance was exercised prior to testing. Stability time and standard deviation determined using filter paper.

SERVICED BY : JOHN P. MULLER ASSOC., DECORAH, IA 52101-0583

TECHNICIAN'S INITIALS AND SERVICE DATE: JPS **1/6/16**

Ambient Air Services, Inc.
Field Balance Calibration Record

Date	1/5/2016		
Technician	MEH		
Balance Make/model	Ohaus Scout Pro SP401		
Serial Number	7122090270		
Standard Weights ID	S-2	Certification Date	8/28/15

Note: All weights are in grams.

Standard Weight	Indicated Weight	Difference
50.0	50.0	0.0
100.0	100.0	0.0
150.0	149.9	-0.1
200.0	199.9	-0.1
250.0	249.9	-0.1

Technician Signature: Mike Hinkel

QA Review Signature: Daniel Ockenhouse

QA Review Date: 1/21/2016

Balance Calibration Record
Template
Rev 4 010516

AMBIENT AIR SERVICES METHOD 5 PRE-TEST CONSOLE CALIBRATION

USING CALIBRATED CRITICAL ORIFICES

5-POINT ENGLISH UNITS

Meter Console Information	
Console Model	AASI
Console Serial Number	8
DGM Model Number	S275
DGM Serial Number	6847332

Calibration Conditions			
Date	Time	12/11/2015	13:50
Barometric Pressure		29.86	in Hg
Theoretical Critical Vacuum[1]		14.1	in Hg
Calibration Technician		CTL	

Factors/Conversions		
Std Temp	528	^{o}R
Std Press	29.92	in Hg
K_1	17.647	oR/in Hg

[1]For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above.

[2]The Critical Orifice Coefficient, K', must be entered in English units, $(ft^3*{}^oR^{1/2})/(in.Hg*min)$.

Calibration Data

Run Time	Metering Console					Critical Orifice				
Elapsed	DGM Orifice ΔH	Volume Initial	Volume Final	Outlet Temp Initial	Outlet Temp Final	Serial Number	Coefficient	Amb Temp Initial	Amb Temp Final	Actual Vacuum
(Θ)	(P_m)	(V_{mi})	(V_{mf})	(t_{mi})	(t_{mf})		K'	(t_{amb})	(t_{amb})	
min	in H_2O	cubic feet	cubic feet	^{o}F	^{o}F		see above2	^{o}F	^{o}F	in Hg
16	3.6	388.487	406.273	74	76	73	0.8486	74	74	15
16	2.0	406.273	419.464	76	78	63	0.6213	74	74	18
31	1.1	419.464	439.166	78	79	55	0.4793	74	74	21
14	0.66	446.784	453.591	79	80	48	0.3740	75	74	23
20	0.31	453.591	460.225	80	80	40	0.2511	74	72	24

Results

Standardized Data				Dry Gas Meter				
				Calibration Factor		Flowrate	ΔH @	
Dry Gas Meter		Critical Orifice		Value	Variation	Std & Corr	0.75 SCFM	Variation
($V_{m(std)}$)	($Q_{m(std)}$)	($Vcr_{(std)}$)	($Q_{cr(std)}$)	(Y)	(ΔY)	($Q_{m(std)(corr)}$)	(ΔH@)	(ΔΔH@)
cubic feet	cfm	cubic feet	cfm		Note	cfm	in H2O	
17.673	1.105	17.545	1.097	0.993	-0.006	1.097	1.690	0.052
13.008	0.813	12.845	0.803	0.988	-0.011	0.803	1.731	0.094
19.331	0.624	19.199	0.619	0.993	-0.005	0.619	1.588	-0.049
6.659	0.476	6.763	0.483	1.016	0.017	0.483	1.560	-0.077
6.479	0.324	6.495	0.325	1.003	0.004	0.325	1.617	-0.020
				0.998	Y Average		1.637	ΔH@ Average

Note: For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +-0.02.

I certify that the above Dry Gas Meter was calibrated in accordance with USEPA Methods, CFR 40 Part 60, using the Precision Wet Test Meter # 11AE6, which in turn was calibrated using the American Bell Prover # 3785, certificate # F107, which is traceable to the National Bureau of Standards (N.I.S.T.) and in accordance with AASI Shop SOP 3.3.B.

Technician Sign: Cheng-Tung-Liu Date: 12/11/2015 Q A Signature: Daniel Ockenhouse Date: 1/5/2016

AMBIENT AIR SERVICES METHOD 5 POST-TEST CONSOLE CALIBRATION

USING CALIBRATED CRITICAL ORIFICES

3-POINT ENGLISH UNITS

Meter Console Information	
Console Number	M8
Pre-test "Y' value	0.998
DGM Model Number	S275
DGM Serial Number	6847332

Calibration Conditions			
Date	Time	6/15/2016	15:20
Barometric Pressure		29.87	in Hg
Theoretical Critical Vacuum[1]		14.1	in Hg
Calibration Technician	MLH	Project	NSGB

Factors/Conversions		
Std Temp	528	°R
Std Press	29.92	in Hg
K_1	17.647	oR/in Hg

[1]For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above.

[2]The Critical Orifice Coefficient, K', must be entered in English units, $(ft^3*°R^{1/2})/(in.Hg*min)$.

Calibration Data

Run Time	Metering Console					Critical Orifice				
Elapsed	DGM Orifice ΔH	Volume Initial	Volume Final	Outlet Temp Initial	Outlet Temp Final	Serial Number	Coefficient	Amb Temp Initial	Amb Temp Final	Actual Vacuum
(Θ)	(P_m)	(V_{mi})	(V_{mf})	(t_{mi})	(t_{mf})		K'	(t_{amb})	(t_{amb})	
min	in H_2O	cubic feet	cubic feet	°F	°F		see above2	°F	°F	in Hg
10	1.2	864.202	870.649	93	93	55	0.4793	93	93	24
10	1.2	870.649	877.087	93	94	55	0.4793	93	93	24
10	1.2	877.087	883.539	94	95	55	0.4793	93	94	24

Results

Standardized Data				Dry Gas Meter				
				Calibration Factor		Flowrate	ΔH @	
Dry Gas Meter		Critical Orifice		Value	Variation	Std & Corr	0.75 SCFM	Variation
($V_{m(std)}$)	($Q_{m(std)}$)	($Vcr_{(std)}$)	($Q_{cr(std)}$)	(Y)	(ΔY)	($Q_{m(std)(corr)}$)	(ΔH@)	(ΔΔH@)
cubic feet	cfm	cubic feet	cfm		Note 1	cfm	in H2O	
6.163	0.616	6.088	0.609	0.988	-0.001	0.609	1.674	0.002
6.148	0.615	6.088	0.609	0.990	0.001	0.609	1.673	0.000
6.151	0.615	6.085	0.609	0.989	0.000	0.609	1.671	-0.002
				0.989	Y Average (Note 2)		1.673	ΔH@ Average

Yc Calibration

Elasped Time (> 10 min)	11	DGM Beginning	887.802	DGM End	896.287	Outlet Meter Temp Beginning	95	Outlet Meter Temp End	96	**Yc**	0.999

Note 1: For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +-0.02.

Note 2: For Calibration Factor Y, the resulting average difference shall not more than + or - 5% of the Pre-test Y value.

I certify that the above Dry Gas Meter was calibrated in accordance with USEPA Methods, CFR 40 Part 60, using the Precision Wet Test Meter # 11AE6, which in turn was calibrated using the American Bell Prover # 3785, certificate # F107, which is traceable to the National Bureau of Standards (N.I.S.T.) and in accordance with AASI Shop SOP 3.3.B.

Technician Sign: Matt Hamilton Date: 6/17/2016 Q A Signature: Daniel Ockenhouse Date: 6/27/2016

post -test
console calibration
rev 2, 07/10/15

Ambient Air Services, Inc.

106 Ambient Airway
Starke, Florida 32091

Alternative (EMC ALT-011) Method 2 Thermocouple Calibration

Date	6/15/2016	Reference Thermometer	Type:	m spirits in Glass	Manufacturer:	BCR	
Time	14:15		Serial number	208252			
Project	NSGB	Pyrometer	Manufacturer	Model	Serial number		
Technician	MH		Jenco	768	JC587		

Thermocouple ID	Location	Indicated Temperature			Reference Temperature			Difference (must be ± 2°)			Continuity (Pass / Fail)		
	Stack												
	Filter												
TC TT6	Impinger		89.0			89			0			Pass	
TC MB 8-1	Meter In		91.0			89			2			Pass	
TC MB 8-2	Meter Out		91.0			89			2			Pass	

Comments:

Meter in / Meter out / Filter temps were taken 6/15/16 at 14:15

Technician Signature: Matt Hamilton Date: 6/20/2016

Quality Assurance signature: Daniel Ockenhouse QA date: 6/27/2016

Thermocouple (EMC ALT-011) Calibration
Template
rev 1, 07/10/15

APPENDIX C-2

PARTICLE SIZE EMISSIONS DATA VIA MICROSCOPIC ANALYSIS

Example Calculations

Sample Analysis Summaries

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Ambient Air Services, Inc. **Environmental Consultants**

106 Ambient Airway Starke, Florida 32091 (904) 964-8440

Example Calculations, Particle Size Test Run 1

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 18, 2016**

1. **Individual Particle Volume, µM^3 (V_{pi})**

$$V_{pi} = A_{pi} * L_{pi\text{-}min}$$

Example.	A_{pi}	=	0.63	**Vpi**	=	**0.4536**	**µM^3**
	$L_{pi\text{-}min}$	=	0.72				

2. **Stage Volume, µM^3 (V_{ST})**

$$\sum_{i=1}^{n} V_{pi}$$

Example for three particles

	V_{p1}	=	0.4536	**V_{ST}**	=	**2.4528**	**µM^3**
	V_{p2}	=	0.5208				
	V_{p3}	=	1.4784				

3. **Average Particle Diameter per Stage, µM, (L_{STmean})**

$$\sum_{i=1}^{n} L_{pi} / n$$

Example for three particles

	$L_{p1\text{-}mean}$	=	1.18	**$L_{ST\text{-}mean}$**	=	**1.36**	**µM**
	$L_{p2\text{-}mean}$	=	1.17				
	$L_{p3\text{-}mean}$	=	1.73				
	n	=	3				

4. **Particle Count Distribution, % of total, (PD_{stage1})**

$$n_{stage1} / n_{total} * 100$$

Example.	n_{stage1}	=	11066	**PDstage1**	=	**57.06**	**%**
	n_{total}	=	19394				

5. **Volume Distribution, % of total, (VD_{stage1})**

$$V_{stage1} / V_{total} * 100$$

Example.	V_{stage1}	=	1718.9186	**VD_{stage1}**	=	**0.87**	**%**
	V_{total}	=	198567.4737				

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Ambient Air Services, Inc. **Environmental Consultants**

106 Ambient Airway Starke, Florida 32091 (904) 964-8440

Example Calculations, Particle Size Test Run 1

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 18, 2016**

6. **Mass Distribution, % of total, (MD_{stage1})**

=

VD_{stage1}

Example.	VD_{stage1}	=	0.87	**MD_{stage1}**	=	**0.87**	**%**

Emission Rate by Stage, grams/sec, (E_{stage1})

=

$E_{TOT} * MD_{stage1} / E_{TOT}$

Example.	E_{TOT}	=	1.81	**E_{stage1}**	=	**0.02**	**grams/sec**
	MD_{stage1}	=	0.87				

Stage Definitions

1	=	**All particles with a measured averaged diameter between**	**0.5 - 1.0 µM**
2	=	**All particles with a measured averaged diameter between**	**1.0 - 2.5 µM**
3	=	**All particles with a measured averaged diameter between**	**2.5 - 5.0 µM**
4	=	**All particles with a measured averaged diameter between**	**5.0 - 7.5 µM**
5	=	**All particles with a measured averaged diameter between**	**7.5 - 10.0 µM**
6	=	**All particles with a measured averaged diameter greater than**	**10 µM**

Variables

A_{pi}	=	**Measured two dimensional area for an individual particle, μM^2**	**n_{stage}**	=	**Number of particles in a stage**
E_{stage1}	=	**Emissions from stage 'i', grams per second**	**n_{total}**	=	**Total number of particles**
E_{TOT}	=	**Total particulate emissions, grams per second**	**PD_{stagei}**	=	**Percent of total particles located in stage 'i'**
$L_{pi-mean}$	=	**Mean projected length for indivdual particle, µM**	**V_{pi}**	=	**Volume of an indivudal particle, μM^3**
L_{pi-min}	=	**Measured minimum projectedlLength for indivdual pParticle, µM**	**V_{ST}**	=	**Sum of all indivudal particle volumes in a single stage, μM^3**
MD_{stagei}	=	**Percent of total mass located in stage 'i'**	**VD_{stagei}**	=	**Percent of total volume located in stage 'i'**
LST-mean	=	**Average particle diameter per stage "i"**	**Vstagei**	=	**Total particulate volume in stage "i"**
Vtotal	=	**Total particulate volume combined, µM3**			

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Particle Size MicroscopicAnalysis Stage Summary Run D1

Stage	Actual Particle Count	Particle Count Distribution	Average of Particle Diameter for Stage	Sum of Particle Volumes (uM^3)	Particle Volume Distribution
1	11066	57.06%	0.735	1718.9186	0.87%
2	6084	31.37%	1.473	8435.3369	4.25%
3	1556	8.02%	3.433	26743.0744	13.47%
4	412	2.12%	5.990	33720.0822	16.98%
5	164	0.85%	8.510	38219.1948	19.25%
6	112	0.58%	12.505	89730.8668	45.19%
Grand Total	**19394**	**100.00%**	**1.428**	**198567.4737**	**100.00%**

Note: A breakdown of the analysis of each stage is presented in the laboratory report loccated in Attachment 8.

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Particle Size MicroscopicAnalysis Stage Summary Run D2

Stage	Actual Particle Count	Particle Count Distribution	Average of Particle Diameter for Stage	Sum of Particle Volumes (uM^3)	Particle Volume Distribution
1	23627	60.89%	0.729	4391.7361	5.56%
2	13545	34.91%	1.411	17884.6003	22.66%
3	1420	3.66%	3.249	19306.4997	24.46%
4	160	0.41%	5.917	12470.6747	15.80%
5	27	0.07%	8.304	5508.9782	6.98%
6	22	0.06%	12.951	19365.348	24.54%
Grand Total	**38801**	**100.00%**	**1.093**	**78927.837**	**100.00%**

Note: A breakdown of the analysis of each stage is presented in the laboratory report loccated in Attachment 8.

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Particle Size MicroscopicAnalysis Stage Summary Run D3

Stage	Actual Particle Count	Particle Count Distribution	Average of Particle Diameter for Stage	Sum of Particle Volumes (uM^3)	Particle Volume Distribution
1	6758	52.76%	0.732	1166.8957	2.71%
2	5001	39.04%	1.500	7301.2195	16.95%
3	890	6.95%	3.299	11779.6226	27.35%
4	111	0.87%	5.833	7343.2054	17.05%
5	34	0.27%	8.532	5058.9224	11.75%
6	16	0.12%	12.078	10415.8639	24.19%
Grand Total	**12810**	**100.00%**	**1.289**	**43065.7295**	**100.00%**

Note: A breakdown of the analysis of each stage is presented in the laboratory report loccated in Attachment 8.

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Particle Size MicroscopicAnalysis Stage Summary Run D4

Stage	Actual Particle Count	Particle Count Distribution	Average of Particle Diameter for Stage	Sum of Particle Volumes (uM^3)	Particle Volume Distribution
1	9125	63.81%	0.723	1428.9118	0.62%
2	3861	27.00%	1.467	6268.7409	2.70%
3	837	5.85%	3.367	13612.4737	5.86%
4	226	1.58%	5.919	16852.5567	7.25%
5	122	0.85%	8.704	28406.6138	12.23%
6	130	0.91%	14.346	165754.3383	71.35%
Grand Total	**14301**	**100.00%**	**1.352**	**232323.6352**	**100.00%**

Note: A breakdown of the analysis of each stage is presented in the laboratory report loccated in Attachment 8.

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Environmental Consultants
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Particle Size MicroscopicAnalysis Stage Summary Run D5

Stage	Actual Particle Count	Particle Count Distribution	Average of Particle Diameter for Stage	Sum of Particle Volumes (uM^3)	Particle Volume Distribution
1	10846	56.19%	0.723	1721.7771	1.26%
2	6395	33.13%	1.519	11129.3203	8.17%
3	1673	8.67%	3.312	24183.4935	17.75%
4	249	1.29%	5.973	17122.5266	12.57%
5	74	0.38%	8.508	13663.8488	10.03%
6	65	0.34%	14.049	68389.4965	50.21%
Grand Total	**19302**	**100.00%**	**1.354**	**136210.4628**	**100.00%**

Note: A breakdown of the analysis of each stage is presented in the laboratory report loccated in Attachment 8.

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Environmental Consultants
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Particle Size MicroscopicAnalysis Stage Summary Run N1

Stage	Actual Particle Count	Particle Count Distribution	Average of Particle Diameter for Stage	Sum of Particle Volumes (uM^3)	Particle Volume Distribution
1	5158	45.07%	0.727	1061.4381	0.62%
2	4537	39.64%	1.531	8848.8451	5.19%
3	1229	10.74%	3.412	22669.5965	13.30%
4	284	2.48%	5.934	21923.3014	12.86%
5	122	1.07%	8.608	28843.5086	16.92%
6	115	1.00%	12.848	87124.5381	51.11%
Grand Total	**11445**	**100.00%**	**1.669**	**170471.2278**	**100.00%**

Note: A breakdown of the analysis of each stage is presented in the laboratory report loccated in Attachment 8.

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Ambient Air Services, Inc.
Environmental Consultants
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Particle Size MicroscopicAnalysis Stage Summary Run N2

Stage	Actual Particle Count	Particle Count Distribution	Average of Particle Diameter for Stage	Sum of Particle Volumes (uM^3)	Particle Volume Distribution
1	4540	46.85%	0.730	878.1644	1.96%
2	4008	41.36%	1.514	7160.6365	15.97%
3	948	9.78%	3.313	13584.9087	30.30%
4	139	1.43%	5.862	8791.5883	19.61%
5	43	0.44%	8.499	7720.2668	17.22%
6	13	0.13%	11.505	6703.5399	14.95%
Grand Total	**9691**	**100.00%**	**1.429**	**44839.1046**	**100.00%**

Note: A breakdown of the analysis of each stage is presented in the laboratory report loccated in Attachment 8.

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Environmental Consultants
106 Ambient Airway Starke, FL 32091 (904) 964-8440

Particle Size MicroscopicAnalysis Stage Summary Run N3

Stage	Actual Particle Count	Particle Count Distribution	Average of Particle Diameter for Stage	Sum of Particle Volumes (uM^3)	Particle Volume Distribution
1	9927	53.76%	0.738	1792.909	2.97%
2	7394	40.04%	1.469	10049.3204	16.63%
3	962	5.21%	3.246	10419.1925	17.24%
4	124	0.67%	5.872	6531.2223	10.81%
5	27	0.15%	8.556	4447.9265	7.36%
6	31	0.17%	13.440	27178.5375	44.98%
Grand Total	**18465**	**100.00%**	**1.229**	**60419.1082**	**100.00%**

Note: A breakdown of the analysis of each stage is presented in the laboratory report loccated in Attachment 8.

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Ambient Air Services, Inc.
Environmental Consultants
106 Ambient Airway Starke, FL 32091 (904) 964-8440

Particle Size MicroscopicAnalysis Stage Summary Run N4

Stage	Actual Particle Count	Particle Count Distribution	Average of Particle Diameter for Stage	Sum of Particle Volumes (uM^3)	Particle Volume Distribution
1	5854	56.17%	0.725	1054.4256	2.15%
2	3763	36.11%	1.448	5389.3029	11.01%
3	606	5.81%	3.318	8304.4454	16.96%
4	135	1.30%	5.886	8642.6322	17.66%
5	33	0.32%	8.590	5501.7248	11.24%
6	31	0.30%	13.461	20059.3845	40.98%
Grand Total	**10422**	**100.00%**	**1.267**	**48951.9154**	**100.00%**

Note: A breakdown of the analysis of each stage is presented in the laboratory report loccated in Attachment 8.

AASI

Ambient Air Services, Inc.
Environmental Consultants
106 Ambient Airway Starke, FL 32091 (904) 964-8440

Particle Size MicroscopicAnalysis Stage Summary Run N5

Stage	Actual Particle Count	Particle Count Distribution	Average of Particle Diameter for Stage	Sum of Particle Volumes (uM^3)	Particle Volume Distribution
1	1329	51.31%	0.731	241.9301	1.04%
2	1012	39.07%	1.512	1533.0936	6.60%
3	192	7.41%	3.316	2396.9841	10.31%
4	46	1.78%	6.182	3435.6395	14.78%
5	5	0.19%	9.118	555.2673	2.39%
6	6	0.23%	15.722	15078.4687	64.88%
Grand Total	**2590**	**100.00%**	**1.376**	**23241.3833**	**100.00%**

Note: A breakdown of the analysis of each stage is presented in the laboratory report loccated in Attachment 8.

APPENDIX D

GASEOUS EMISSIONS DATA

Equipment List

Gas Calibration Data

Data Recorder Printout

Example Calculations

Calibration Gas Certificates

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
Equipment List

Carbon Dioxide Instrument:	**Manufacturer -** Thermo Environmental Instruments		**Model -**	410i
	Serial Number - 131557876			
	CO_2 Range - zero to 5.0 %			
Oxygen Instrument:	**Manufacturer -** Thermo Environmental Instruments		**Model -**	410i
	Serial Number - 1311557876			
	O_2 Range - zero to 21.0 %			
Oxides of Nitrogen Instrument:	**Manufacturer -** Thermo Environmental Instruments		**Model -**	42i
	Serial Number - 1152600011			
	NO_x Range - zero to 49.5 ppm			
Carbon Monoxide Instrument:	**Manufacturer -** Thermo Environmental Instruments		**Model -**	48i
	Serial Number - 1152600012			
	CO Range - zero to 497.8 ppm			
Sulfur Dioxide Instrument:	**Manufacturer -** Thermo Environmental Instruments		**Model -**	43i
	Serial Number - JC1305200688			
	SO_2 Range - zero to 30.0 ppm			
Total Reduced Sulfur Instrument:	**Manufacturer -** Western Research		**Model -**	921
	Serial Number - AY-921-9381-2			
	TRS Range - zero to 30.0 ppm			
Total Organic Compounds Instrument:	**Manufacturer -** Vig Industries		**Model -**	20
	Serial Number - 4830811			
	THC Range - zero to 25.2 ppm (as propane)			

Calibration Gas Standards		Concentration	Manufacturer	Cylinder Number	Expiration Date	Beginning PSI	Ending PSI
Zero	Zero	0.0	N/A	N/A	N/A	N/A	N/A
Mid	CO_2	2.52	Airgas	CC427934	1/5/2019	1500	850
High	CO_2	4.95	Airgas	CC300750	2/1/2019	2000	1900
Mid	O_2	10.98	Airgas	CC466355	12/28/2023	1550	750
High	O_2	20.98	Airgas	CC257341	9/10/2018	850	200
Mid	NOx	25.1	Airgas	CC427934	1/5/2019	1500	850
High	NOx	49.5	Airgas	CC300750	2/1/2019	2000	1900
Mid	CO	256	Airgas	CC427934	1/5/2019	1500	850
High	CO	498	Airgas	CC300750	2/1/2019	2000	1900
Mid	SO_2	14.8	Airgas	CC257341	9/10/2018	850	200
High	SO_2	30.0	Airgas	CC502123	11/24/2019	1650	1600
Low	C_3H_8	8.0	Airgas	SG9162739BAL	11/14/2022	2000	1950
Mid	C_3H_8	14.4	Airgas	CC237722	11/14/2022	1500	950
High	C_3H_8	25.2	Airgas	SG9140032BAL	2/6/2023	1700	1650
Mid	SO_2	14.78	Airgas	CC257341	9/10/2018	850	200
High	SO_2	29.96	Airgas	CC502123	11/24/2019	1650	1600
Recovery	H_2S	9.98	Airgas	EB0062246	1/27/2019	850	400

Description of Sampling System :

6' 3/8 Teflon-Lined probe to Tee to 50 feet heated 3/8 Teflon sample line to H2O Condenser to SS pump to instruments. Citrate buffer and thermal oxidizer inserted between sample manifold and TRS SO2 analyzer. A sample was diverted from the sample line to the VOC analyzer prior to the H2O Condenser.

Test Participants :

Testing - Abram Lafferty, Mike Hinkel, Will Garabrandt, and Matt Hamilton - Ambient Air Services, Inc.
Rafael DePaz, Bill Basta, Justin Knoll, and Pete Yanczak - MultiMAC JV, Matt Cookingham and Donald Hommeland - NAVFAC SE

Other Comments :

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
Gas Calibration Data

Excess Flow (lpm) (during calibration checks)	**2**	**Day Sampling**	**Calibration Gas Flow (lpm)**	**5**
Excess Flow (lpm) (during sampling)	**2**			
System Response Time (min:sec)	**3:00**		**Converter Efficiency (if applicable)**	**98.7**

Carbon Dioxide (CO_2)

Instrument Information	**Manuf.**	Thermo Environmental Instruments	**Model**	**410i**					**Serial #**	131557876						
CALIBRATION GAS VALUE (C_G)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	PRE RUN 1 (BIAS, C_o)	POST RUN 1 (C_o)	PRE RUN 2 (C_o)	POST RUN 2 (C_o)	PRE RUN 3 (C_S)	POST RUN 3 (C_S)	PRE RUN 4 (C_S)	POST RUN 4 (C_S)	PRE RUN 5 (C_S)	POST RUN 5 (C_S)				
0.0	0.0	0.4	0.0	0.1	0.2	0.2	0.1	0.1	0.0	0.1	0.0	0.1				
2.5	2.5	-1.1	2.5	2.6	2.6	2.6	2.5	2.5	2.4	2.5	2.4	2.5				
5.0	5.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
SPAN (CS)	5.0															
C_O (Avg of initial and final SB)				0.1		0.2		0.1		0.1		0.0				
C_M (Avg of initial and final SB)				2.5		2.6		2.5		2.5		2.4				
C_{MA} (Certified upscale gas value)				2.5		2.5		2.5		2.5		2.5				
SB (System bias % of span)			0.0	1.8	3.1	3.6	1.8	1.0	-0.3	2.1	-0.5	1.0				
SB (System bias % of span)			0.0	2.6	3.4	2.6	0.3	0.8	-0.5	1.3	-1.3	0.5				
D (Drift assessment, % of span)			N/A	1.8	1.3	0.5	-1.9	-0.7	-1.3	2.3	-2.6	1.6				
D (Drift assessment, % of span)			N/A	2.6	0.8	-0.8	-2.4	0.5	-1.3	1.8	-2.6	1.8				

Oxygen (O2)

Instrument Information	**Manuf.**	Thermo Environmental Instruments	**Model**	**410i**					**Serial #**	1311557876						
CALIBRATION GAS VALUE (C_G)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	PRE RUN 1 (BIAS, C_o)	POST RUN 1 (C_o)	PRE RUN 2 (C_o)	POST RUN 2 (C_o)	PRE RUN 3 (C_S)	POST RUN 3 (C_S)	PRE RUN 4 (C_S)	POST RUN 4 (C_S)	PRE RUN 5 (C_S)	POST RUN 5 (C_S)				
0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1				
11.0	10.8	-0.7	10.8	11.0	11.0	11.1	11.0	11.0	10.9	11.0	10.9	10.9				
21.0	20.8	-0.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
	21.0															
C_O (Avg of initial and final SB)				0.0		0.1		0.1		0.1		0.1				
C_M (Avg of initial and final SB)				10.9		11.0		11.0		10.9		10.9				
C_{MA} (Certified upscale gas value)				11.0		11.0		11.0		11.0		11.0				
SB (System bias % of span)			-0.1	0.7	0.0	1.0	0.5	1.0	0.2	1.0	0.3	0.7				
SB (System bias % of span)			0.0	1.0	0.7	1.0	0.8	0.6	0.4	0.5	0.1	0.2				
D (Drift assessment, % of span)			N/A	0.8	-0.7	1.0	-0.6	0.6	-0.8	0.8	-0.7	0.3				
D (Drift assessment, % of span)			N/A	1.0	-0.2	0.3	-0.2	-0.2	-0.2	0.2	-0.4	0.1				

Oxides of Nitrogen (NO_x)

Instrument Information	**Manuf.**	Thermo Environmental Instruments	**Model**	**42i**					**Serial #**	1152600011						
CALIBRATION GAS VALUE (C_G)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	PRE RUN 1 (BIAS, C_o)	POST RUN 1 (C_o)	PRE RUN 2 (C_o)	POST RUN 2 (C_o)	PRE RUN 3 (C_S)	POST RUN 3 (C_S)	PRE RUN 4 (C_S)	POST RUN 4 (C_S)	PRE RUN 5 (C_S)	POST RUN 5 (C_S)				
0.0	0.2	0.3	0.2	0.7	0.1	0.9	0.1	0.4	0.1	0.2	0.1	0.5				
25.1	25.1	0.0	25.1	25.9	25.7	27.1	26.2	25.7	25.8	25.6	26.1	26.2				
49.5	49.6	0.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
SPAN (CS)	49.5															
C_O (Avg of initial and final SB)				0.4		0.5		0.2		0.1		0.3				
C_M (Avg of initial and final SB)				25.5		26.4		26.0		25.7		26.1				
C_{MA} (Certified upscale gas value)				25.1		25.1		25.1		25.1		25.1				
SB (System bias % of span)			0.0	1.1	-0.1	1.4	-0.2	0.5	-0.2	0.1	-0.2	0.7				
SB (System bias % of span)			-0.1	1.5	1.1	3.9	2.2	1.2	1.3	1.0	2.0	2.1				
D (Drift assessment, % of span)			N/A	1.1	-1.2	1.5	-1.6	0.7	-0.7	0.3	-0.3	0.9				
D (Drift assessment, % of span)			N/A	1.6	-0.4	2.8	-1.7	-1.0	0.1	-0.3	1.0	0.1				

Carbon Monoxide (CO)

Instrument Information	**Manuf.**	Thermo Environmental Instruments	**Model**	**48i**					**Serial #**	1152600012						
CALIBRATION GAS VALUE (C_G)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	PRE RUN 1 (BIAS, C_o)	POST RUN 1 (C_o)	PRE RUN 2 (C_o)	POST RUN 2 (C_o)	PRE RUN 3 (C_S)	POST RUN 3 (C_S)	PRE RUN 4 (C_S)	POST RUN 4 (C_S)	PRE RUN 5 (C_S)	POST RUN 5 (C_S)				
0.0	0.0	0.0	0.0	0.0	0.0	11.0	6.0	8.5	6.5	7.5	7.0	8.0				
256.4	254.5	-0.4	254.5	253.0	252.5	259.0	256.5	261.0	257.5	258.5	258.0	259.5				
497.8	497.0	-0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
SPAN (CS)	497.8															
C_O (Avg of initial and final SB)				0.0		5.5		7.3		7.0		7.5				
C_M (Avg of initial and final SB)				253.8		255.8		258.8		258.0		258.8				
C_{MA} (Certified upscale gas value)				256.4		256.4		256.4		256.4		256.4				
SB (System bias % of span)			0.0	0.0	0.0	2.2	1.2	1.7	1.3	1.5	1.4	1.6				
SB (System bias % of span)			0.0	-0.3	-0.4	0.9	0.4	1.3	0.6	0.8	0.7	1.0				
D (Drift assessment, % of span)			N/A	0.0	0.0	2.2	-1.0	0.5	-0.4	0.2	-0.1	0.2				
D (Drift assessment, % of span)			N/A	-0.3	-0.1	1.3	-0.5	0.9	-0.7	0.2	-0.1	0.3				

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Gas Calibration Data

Excess Flow (lpm) (during calibration checks)	**2**	**Calibration Gas Flow (lpm)**	**5**
Excess Flow (lpm) (during sampling)	**2**	**Day Sampling**	
System Response Time (min:sec)	**3:00**	**Converter Efficiency (if applicable)**	**98.7**

Sulfur Dioxide (SO_2)

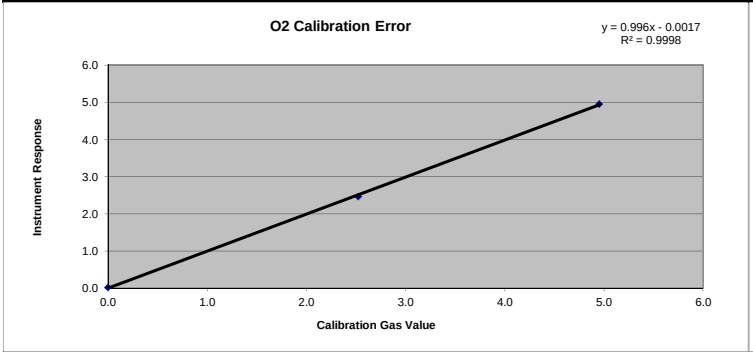
Instrument Information	**Manuf.**	Thermo Environmental Instruments		**Model**	**43i**				**Serial #**	JC1305200688						
CALIBRATION GAS VALUE (C_v)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	PRE RUN 1 (BIAS, C_o)	POST RUN 1 (C_o)	PRE RUN 2 (C_o)	POST RUN 2 (C_o)	PRE RUN 3 (Cs)	POST RUN 3 (Cs)	PRE RUN 4 (Cs)	POST RUN 4 (Cs)	PRE RUN 5 (Cs)	POST RUN 5 (Cs)				
0.0	0.0	0.1	0.0	0.0	0.0	0.4	0.0	0.2	0.0	0.2	0.0	0.1				
14.8	14.9	0.4	15.1	14.9	14.9	15.1	15.2	14.6	14.6	13.9	14.7	14.5				
30.0	30.1	0.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
SPAN (CS)	30.0															
C_O (Avg of initial and final SB)				0.0		0.2		0.1		0.1		0.1				
C_M (Avg of initial and final SB)				15.0		15.0		14.9		14.3		14.6				
C_{MA} (Certified upscale gas value)				14.8		14.8		14.8		14.8		14.8				
SB (System bias % of span)			0.0	0.0	0.0	1.2	0.0	0.6	0.0	0.5	0.0	0.4				
SB (System bias % of span)			0.7	0.0	0.0	0.6	1.1	-1.0	-1.1	-3.2	-0.8	-1.2				
D (Drift assessment, % of span)			N/A	0.0	0.0	1.2	-1.2	0.6	-0.6	0.5	-0.5	0.4				
D (Drift assessment, % of span)			N/A	-0.7	0.0	0.6	0.5	-2.1	-0.1	-2.1	2.4	-0.4				

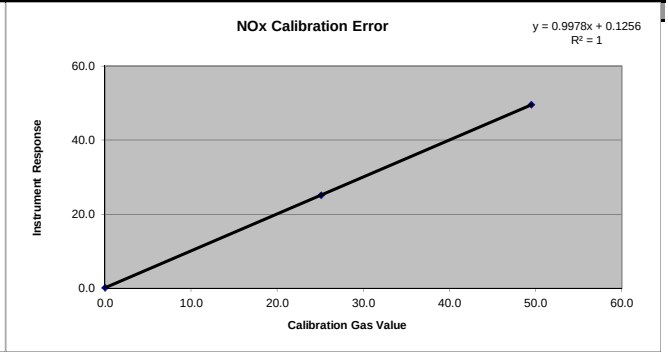
Total Organic Compounds (TOC)

Instrument Information	**Manuf.**	Vig Industries		**Model**	**20**				**Serial #**	4830811						
CALIBRATION GAS VALUE (Cv)	INITIAL CALIBRATION (Cdir)	CALIBRATION ERROR, % VALUE	PRE RUN 1 (BIAS, C_o)	POST RUN 1 (C_o)	PRE RUN 2 (C_o)	POST RUN 2 (C_o)	PRE RUN 3 (Cs)	POST RUN 3 (Cs)	PRE RUN 4 (Cs)	POST RUN 4 (Cs)	PRE RUN 5 (Cs)	POST RUN 5 (Cs)				
0.0	0.1	0.2	0.1	0.0	-0.1	0.1	-0.1	0.1	0.3	0.0	-0.2	0.6				
14.4	14.8	2.6	14.8	14.6	14.4	14.2	14.9	14.7	15.1	14.7	14.3	14.2				
8.0	7.7	-3.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
25.2	25.3	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
RANGE	25.2															
CO (Avg of initial and final SB)				0.0		0.0		0.0		0.1		0.2				
CM (Avg of initial and final SB)				14.7		14.3		14.8		14.9		14.2				
CMA (Certified upscale gas value)				14.4		14.4		14.4		14.4		14.4				
Cdo (Calibration drift % of span)			N/A	0.0	-0.4	0.0	-0.4	0.0	0.8	-0.2	-1.0	2.0				
Cdma (Calibration drift % of span)			N/A	-1.0	-1.6	-2.6	0.2	-0.4	1.2	-0.4	-2.0	-2.4				

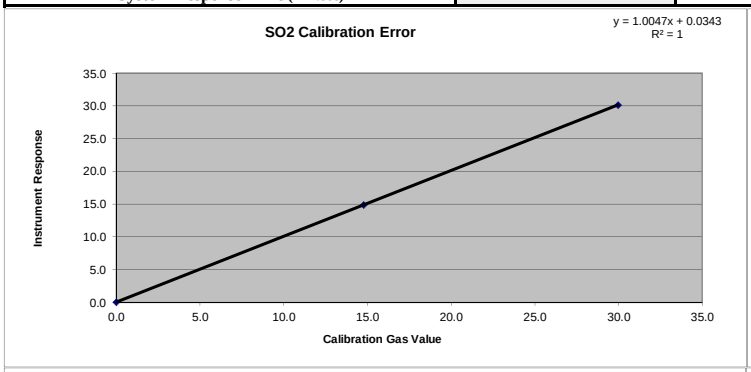
Total Reduced Sulfur (TRS)

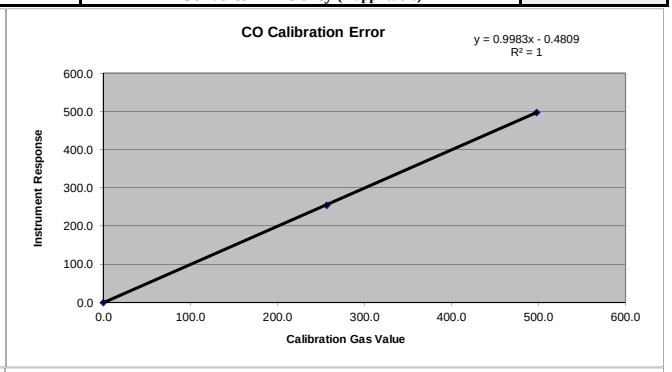
Instrument Information	**Manuf.**	Western Research		**Model**	**921**				**Serial #**	AY-921-9381-2						
CALIBRATION GAS VALUE (C_v)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	H2S CALIBRATION GAS VALUE (C_v)	PRE RUN 1 (BIAS, C_o)	POST RUN 1 (C_o)	PRE RUN 2 (C_o)	POST RUN 2 (C_o)	PRE RUN 3 (Cs)	POST RUN 3 (Cs)	PRE RUN 4 (Cs)	POST RUN 4 (Cs)	PRE RUN 5 (Cs)	POST RUN 5 (Cs)			
0.0	0.2	0.6	10.0	10.8	9.3	9.7	10.8	9.4	9.4	8.6	8.5	9.4	9.5			
14.8	15.0	0.9														
30.0	30.3	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
SPAN (CS)	30.0															
SP (System Performance)				7.7	-7.3	-2.7	7.7	-5.8	-5.8	-14.3	-14.8	-6.3	-5.3			
TRS Adjustment Factor				N/A	1.002	N/A	1.026	N/A	1.062	N/A	1.171	N/A	1.062			
CD (Drift assessment, % of initial zero Calibration)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
CD (Drift assessment, % of initial mid Calibration)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
CD (Drift assessment, % of initial high Calibration)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			

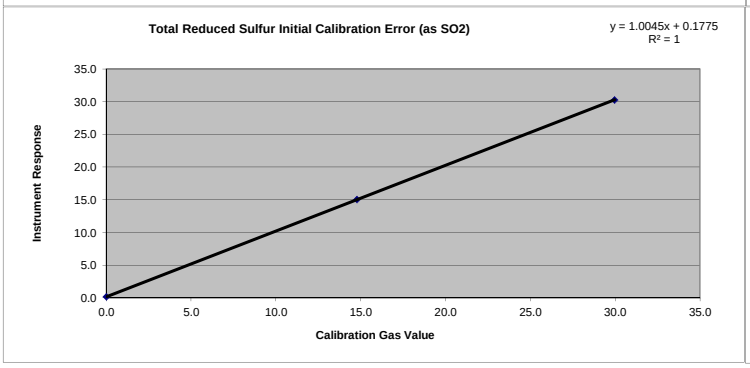


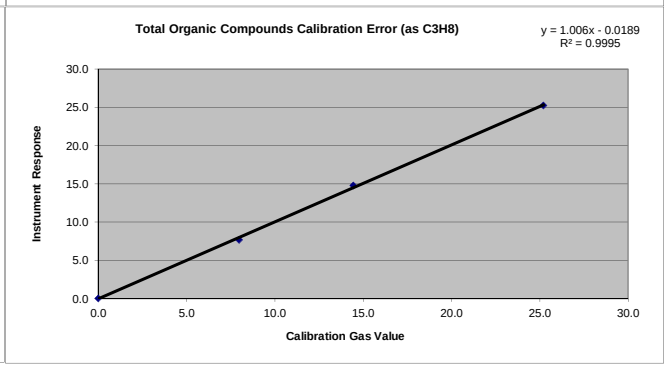


Naval Station Guantanamo Bay Guantanamo Bay, Cuba Air Curtain Incinerator D-1 April 18 - 22 and April 25-29, 2016 *Gas Calibration Data*				
Excess Flow (lpm) (during calibration checks)	**2**	**Day Sampling**	**Calibration Gas Flow (lpm)**	**5**
Excess Flow (lpm) (during sampling)	**2**			
System Response Time (min:sec)	**3:00**		**Converter Efficiency (if applicable)**	**98.7**









Naval Station Guantanamo Bay
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Air Curtain Incinerator D-1
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Gas Calibration Data

Excess Flow (lpm) (during calibration checks)	**2**	**Night Sampling**	**Calibration Gas Flow (lpm)**		**5**
Excess Flow (lpm) (during sampling)	**2**				
System Response Time (min:sec)	**3:00**		**Converter Efficiency (if applicable)**		**98.7**

Carbon Dioxide (CO_2)

Instrument Information	**Manuf.**	Thermo Environmental Instruments	**Model**	**410i**				**Serial #**	131557876						
CALIBRATION GAS VALUE (C_c)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	PRE RUN 1 (BIAS, C_s)	POST RUN 1 (C_c)	PRE RUN 2 (C_c)	POST RUN 2 (C_c)	PRE RUN 3 (C_s)	POST RUN 3 (C_s)	PRE RUN 4 (C_s)	POST RUN 4 (C_s)	PRE RUN 5 (C_s)	POST RUN 5 (C_s)				
0.0	0.0	0.4	0.2	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.1				
2.5	2.5	-1.1	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.5	2.5				
5.0	5.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
SPAN (CS)	5.0															
C_O (Avg of initial and final SB)				0.1		0.1		0.1		0.1		0.1				
C_M (Avg of initial and final SB)				2.5		2.5		2.5		2.5		2.5				
C_{MA} (Certified upscale gas value)				2.5		2.5		2.5		2.5		2.5				
SB (System bias % of span)			2.8	2.1	-0.5	1.8	0.0	1.6	-0.3	1.8	1.3	1.0				
SB (System bias % of span)			1.0	1.0	0.2	1.6	-0.2	0.8	-0.2	2.3	0.8	1.3				
D (Drift assessment, % of span)			N/A	-0.8	-2.6	2.3	-1.8	1.6	-1.9	2.1	-0.5	-0.3				
D (Drift assessment, % of span)			N/A	0.0	-0.8	1.3	-1.8	1.1	-1.1	2.6	-1.6	0.5				

Oxygen (O2)

Instrument Information	**Manuf.**	Thermo Environmental Instruments	**Model**	**410i**				**Serial #**	1311557876						
CALIBRATION GAS VALUE (C_c)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	PRE RUN 1 (BIAS, C_s)	POST RUN 1 (C_c)	PRE RUN 2 (C_c)	POST RUN 2 (C_c)	PRE RUN 3 (C_s)	POST RUN 3 (C_s)	PRE RUN 4 (C_s)	POST RUN 4 (C_s)	PRE RUN 5 (C_s)	POST RUN 5 (C_s)				
0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1				
11.0	10.8	-0.7	10.9	10.9	11.0	10.9	11.0	10.9	11.0	10.9	10.9	10.9				
21.0	20.8	-0.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
	21.0															
C_O (Avg of initial and final SB)				0.1		0.1		0.1		0.1		0.1				
C_M (Avg of initial and final SB)				10.9		10.9		10.9		10.9		10.9				
C_{MA} (Certified upscale gas value)				11.0		11.0		11.0		11.0		11.0				
SB (System bias % of span)			0.9	0.8	1.4	0.9	1.3	0.9	1.4	0.6	1.2	0.6				
SB (System bias % of span)			0.3	0.2	0.6	0.4	0.5	0.4	0.5	0.2	0.5	0.2				
D (Drift assessment, % of span)			N/A	-0.1	0.6	-0.5	0.3	-0.3	0.5	-0.8	0.6	-0.6				
D (Drift assessment, % of span)			N/A	-0.1	0.4	-0.2	0.2	-0.1	0.1	-0.3	0.2	-0.3				

Oxides of Nitrogen (NO_x)

Instrument Information	**Manuf.**	Thermo Environmental Instruments	**Model**	**42i**				**Serial #**	1152600011						
CALIBRATION GAS VALUE (C_c)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	PRE RUN 1 (BIAS, C_s)	POST RUN 1 (C_c)	PRE RUN 2 (C_c)	POST RUN 2 (C_c)	PRE RUN 3 (C_s)	POST RUN 3 (C_s)	PRE RUN 4 (C_s)	POST RUN 4 (C_s)	PRE RUN 5 (C_s)	POST RUN 5 (C_s)				
0.0	0.2	0.3	0.2	0.2	0.1	0.1	0.4	0.1	0.4	0.2	0.4	0.2				
25.1	25.1	0.0	25.0	25.4	24.9	25.5	25.1	25.3	24.8	25.3	24.6	25.3				
49.5	49.6	0.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
SPAN (CS)	49.5															
C_O (Avg of initial and final SB)				0.2		0.1		0.2		0.3		0.3				
C_M (Avg of initial and final SB)				25.2		25.2		25.2		25.0		24.9				
C_{MA} (Certified upscale gas value)				25.1		25.1		25.1		25.1		25.1				
SB (System bias % of span)			0.0	0.1	-0.1	-0.1	0.4	-0.1	0.4	0.0	0.5	0.0				
SB (System bias % of span)			-0.2	0.6	-0.5	0.7	-0.1	0.3	-0.6	0.3	-1.0	0.3				
D (Drift assessment, % of span)			N/A	0.1	-0.2	0.0	0.5	-0.5	0.5	-0.4	0.5	-0.5				
D (Drift assessment, % of span)			N/A	0.8	-1.1	1.2	-0.8	0.4	-0.9	0.9	-1.3	1.3				

Carbon Monoxide (CO)

Instrument Information	**Manuf.**	Thermo Environmental Instruments	**Model**	**48i**				**Serial #**	1152600012						
CALIBRATION GAS VALUE (C_c)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	PRE RUN 1 (BIAS, C_s)	POST RUN 1 (C_c)	PRE RUN 2 (C_c)	POST RUN 2 (C_c)	PRE RUN 3 (C_s)	POST RUN 3 (C_s)	PRE RUN 4 (C_s)	POST RUN 4 (C_s)	PRE RUN 5 (C_s)	POST RUN 5 (C_s)				
0.0	0.0	0.0	11.0	8.0	11.5	7.5	9.5	7.5	10.5	8.0	10.0	7.5				
256.4	254.5	-0.4	264.0	261.0	264.0	259.5	262.0	261.5	264.0	262.0	264.0	262.0				
497.8	497.0	-0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
SPAN (CS)	497.8															
C_O (Avg of initial and final SB)				9.5		9.5		8.5		9.3		8.8				
C_M (Avg of initial and final SB)				262.5		261.8		261.8		263.0		263.0				
C_{MA} (Certified upscale gas value)				256.4		256.4		256.4		256.4		256.4				
SB (System bias % of span)			2.2	1.6	2.3	1.5	1.9	1.5	2.1	1.6	2.0	1.5				
SB (System bias % of span)			1.9	1.3	1.9	1.0	1.5	1.4	1.9	1.5	1.9	1.5				
D (Drift assessment, % of span)			N/A	-0.6	0.7	-0.8	0.4	-0.4	0.6	-0.5	0.4	-0.5				
D (Drift assessment, % of span)			N/A	-0.6	0.6	-0.9	0.5	-0.1	0.5	-0.4	0.4	-0.4				

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
Gas Calibration Data

Excess Flow (lpm) (during calibration checks)	**2**	**Night Sampling**	**Calibration Gas Flow (lpm)**	**5**
Excess Flow (lpm) (during sampling)	**2**			
System Response Time (min:sec)	**3:00**		**Converter Efficiency (if applicable)**	**98.7**

Sulfur Dioxide (SO_2)

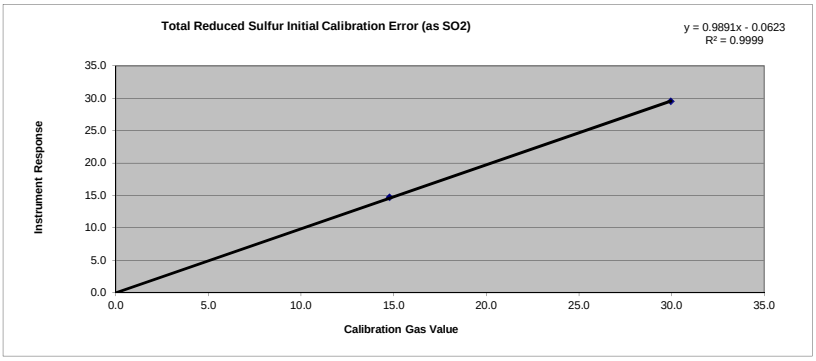
Instrument Information	**Manuf.**	Thermo Environmental Instruments		**Model**	**43i**				**Serial #**	JC1305200688						
CALIBRATION GAS VALUE (C_v)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	PRE RUN 1 (BIAS, C_s)	POST RUN 1 (C_s)	PRE RUN 2 (C_s)	POST RUN 2 (C_s)	PRE RUN 3 (Cs)	POST RUN 3 (Cs)	PRE RUN 4 (Cs)	POST RUN 4 (Cs)	PRE RUN 5 (Cs)	POST RUN 5 (Cs)				
0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1				
14.8	14.9	0.4	13.7	13.6	13.7	13.6	13.9	13.8	13.9	13.8	13.7	13.5				
30.0	30.1	0.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
SPAN (CS)	30.0															
C_O (Avg of initial and final SB)				0.1		0.0		0.1		0.0		0.1				
C_M (Avg of initial and final SB)				13.6		13.6		13.9		13.9		13.6				
C_{MA} (Certified upscale gas value)				14.8		14.8		14.8		14.8		14.8				
SB (System bias % of span)			0.0	0.3	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.2				
SB (System bias % of span)			-3.9	-4.5	-4.0	-4.5	-3.2	-3.7	-3.2	-3.7	-3.9	-4.8				
D (Drift assessment, % of span)			N/A	0.3	-0.3	0.0	0.1	0.2	-0.2	0.0	0.0	0.1				
D (Drift assessment, % of span)			N/A	-0.6	0.5	-0.4	1.2	-0.4	0.4	-0.5	-0.2	-0.9				

Total Organic Compounds (TOC)

Instrument Information	**Manuf.**	Vig Industries		**Model**	**20**				**Serial #**	4830811						
CALIBRATION GAS VALUE (Cv)	INITIAL CALIBRATION (Cdir)	CALIBRATION ERROR, % VALUE	PRE RUN 1 (BIAS, C_s)	POST RUN 1 (C_s)	PRE RUN 2 (C_s)	POST RUN 2 (C_s)	PRE RUN 3 (Cs)	POST RUN 3 (Cs)	PRE RUN 4 (Cs)	POST RUN 4 (Cs)	PRE RUN 5 (Cs)	POST RUN 5 (Cs)				
0.0	0.1	0.2	-0.4	0.1	0.0	-0.4	-1.1	-0.1	0.0	0.0	0.2	0.2				
14.4	14.8	2.6	14.8	15.2	14.6	14.5	14.3	14.1	14.6	14.3	14.2	14.3				
8.0	7.7	-3.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
25.2	25.3	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
RANGE	25.2															
CO (Avg of initial and final SB)				-0.1		-0.2		-0.6		0.0		0.2				
CM (Avg of initial and final SB)				15.0		14.6		14.2		14.4		14.3				
CMA (Certified upscale gas value)				14.4		14.4		14.4		14.4		14.4				
Cdo (Calibration drift % of span)			N/A	2.0	1.6	0.2	-2.6	1.2	1.6	1.6	2.4	2.4				
Cdma (Calibration drift % of span)			N/A	1.8	-0.6	-1.0	-1.8	-2.8	-0.8	-2.0	-2.2	-1.8				

Total Reduced Sulfur (TRS)

Instrument Information	**Manuf.**	Western Research		**Model**	**921**				**Serial #**	AY-921-9381-2						
CALIBRATION GAS VALUE (C_v)	INITIAL CALIBRATION	ANALYZER CALIBRATION ERROR, (ACE)	H2S CALIBRATION GAS VALUE (C_v)	PRE RUN 1 (BIAS, C_s)	POST RUN 1 (C_s)	PRE RUN 2 (C_s)	POST RUN 2 (C_s)	PRE RUN 3 (Cs)	POST RUN 3 (Cs)	PRE RUN 4 (Cs)	POST RUN 4 (Cs)	PRE RUN 5 (Cs)	POST RUN 5 (Cs)	CALIBRATION GAS VALUE (C_v)	FINAL CALIBRATION (C_{dir})	FINAL CALIBRATION (C_{dir})
0.0	0.2	0.6	10.0	8.7	9.6	9.8	9.1	8.8	8.1	8.3	9.0	10.7	11.1	0.0	-0.1	-0.5
14.8	15.0	0.9												14.8	14.7	-0.3
30.0	30.3	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			30.0	29.5	-1.5
SPAN (CS)	30.0															
SP (System Performance)				-13.3	-4.3	-1.8	-9.3	-11.8	-18.8	-17.3	-10.3	6.7	11.2	N/A	N/A	N/A
TRS Adjustment Factor				N/A	1.097	N/A	1.059	N/A	1.181	N/A	1.161	N/A	1.098	N/A	N/A	N/A
CD (Drift assessment, % of initial zero Calibration)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.0
CD (Drift assessment, % of initial mid Calibration)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.2
CD (Drift assessment, % of initial high Calibration)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.5



Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/18/2016 8:10	0.4	20.9	0.0	3.0	-10.9		-3.8																										
4/18/2016 8:11	0.2	21.0	0.4	4.0	0.0	0.4	0.0																										
4/18/2016 8:12	0.1	21.0	0.1	3.5	0.0	0.4	0.0																										
4/18/2016 8:13	0.1	20.9	0.1	0.5	0.0	0.4	0.0																										
4/18/2016 8:14	0.1	21.0	0.1	0.5	0.0	0.4	0.0																										
4/18/2016 8:15	0.9	12.0	0.9	43.0	0.0	0.1	0.0																										
4/18/2016 8:16	4.8	0.1	18.6	114.5	0.1	0.1	0.0																										
4/18/2016 8:17	5.0	0.0	47.4	480.5	0.3	0.1	0.0																										
4/18/2016 8:18	**5.0**	**0.0**	**49.6**	**497.0**	0.4	0.1	0.0	**4.95 CO2, Zero O2, 49.5 NOx, 498 CO Calibration**																									
4/18/2016 8:19	3.6	2.9	49.6	497.0	0.4	0.1	0.0																										
4/18/2016 8:20	2.5	0.0	29.3	393.5	0.3	0.1	0.0																										
4/18/2016 8:21	2.5	0.0	25.3	256.0	0.3	0.1	0.0																										
4/18/2016 8:22	2.5	0.0	25.2	254.5	0.3	0.1	0.0																										
4/18/2016 8:23	**2.5**	0.0	**25.1**	**254.5**	0.2	0.1	0.2	**2.52 CO2, 25.1 NOx, 256 CO Calibration**																									
4/18/2016 8:24	2.5	0.0	25.1	254.5	0.2	0.1	0.2																										
4/18/2016 8:25	1.2	15.8	25.2	254.5	0.2	0.1	0.2																										
4/18/2016 8:26	0.0	20.7	6.7	152.0	0.1	0.1	0.1																										
4/18/2016 8:27	0.0	20.7	0.4	5.5	0.0	0.1	0.0																										
4/18/2016 8:28	0.0	20.7	0.4	0.5	0.1	0.1	0.2																										
4/18/2016 8:29	0.0	20.7	0.4	0.5	0.2	0.1	0.4																										
4/18/2016 8:30	0.0	20.7	0.4	0.0	0.8	0.1	1.0																										
4/18/2016 8:31	0.0	20.7	0.3	0.0	2.0	0.1	2.1																										
4/18/2016 8:32	0.0	20.7	0.3	0.5	6.4	0.1	6.5																										
4/18/2016 8:33	0.0	20.7	0.3	0.5	12.2	0.1	12.3																										
4/18/2016 8:34	0.0	20.7	0.2	0.5	13.4	0.1	13.5																										
4/18/2016 8:35	0.0	20.8	0.2	0.5	14.7	0.1	14.9																										
4/18/2016 8:36	**0.0**	**20.8**	**0.2**	**0.0**	**14.9**	0.1	**15.0**	**Zero CO2, 20.98 O2, 14.8 SO2, 14.8 TRS Calibration**																									
4/18/2016 8:37	0.0	20.8	0.2	0.0	15.3	0.1	15.5																										
4/18/2016 8:38	0.0	20.8	0.3	0.0	26.1	0.1	26.2																										
4/18/2016 8:39	0.0	20.8	0.3	0.0	30.1	0.2	30.2																										
4/18/2016 8:40	0.0	20.8	0.3	0.5	**30.1**	0.3	**30.3**	**29.96 SO2, 29.96 TRS Calibration**																									
4/18/2016 8:41	4.6	12.0	3.3	8.5																													
4/18/2016 8:42	11.9	11.0	1.1	4.9	0.0	0.1	0.2																										
4/18/2016 8:43	11.8	10.8	0.6	1.4	0.0	0.1	0.2																										
4/18/2016 8:44	11.1	**10.8**	0.5	0.0	**0.0**	0.1	**0.2**	**10.98 O2, Zero SO2, Zero TRS Calibration**																									
4/18/2016 8:45	9.1	14.7	0.5	0.0	0.0	0.1	0.2																										
4/18/2016 8:46	0.5	20.4	0.6	0.8	0.0	0.1	0.2																										
4/18/2016 8:47	0.0	20.7	0.4	0.5	0.0	0.1	0.2																										
4/18/2016 8:48	0.0	20.7	0.4	0.0	0.0	0.1	0.2																										
4/18/2016 8:49	0.0	20.8	0.2	0.0	0.0	0.1	0.2																										
4/18/2016 8:50	0.0	20.8	0.2	0.0	0.0	0.1	0.2																										
4/18/2016 8:51	0.0	20.8	0.2	0.0	0.0	0.1	0.2																										
4/18/2016 8:52	0.0	20.8	0.2	0.0	0.0	0.1	0.2																										
4/18/2016 8:53	0.2	20.5	0.2	0.0	0.1	0.1	0.2																										
4/18/2016 8:54	0.7	18.4	0.2	0.0	0.1	0.1	0.2																										
4/18/2016 8:55	0.3	20.3	0.2	0.0	0.1	0.1	0.2																										
4/18/2016 8:56	1.4	17.9	0.2	0.0	0.0	0.1	0.2																										
4/18/2016 8:57	11.9	11.0	0.6	1.4	0.0	0.1	0.2																										
4/18/2016 8:58	11.8	10.8	0.5	0.0	0.0	0.1	0.2																										
4/18/2016 8:59	11.1	**10.8**	0.5	0.0	**0.0**	0.1	0.1	**10.98 O2, Zero SO2 Bias Check**																									
4/18/2016 9:00	9.1	14.7	0.6	7.5	0.0	0.1	0.1																										
4/18/2016 9:01	0.5	20.4	1.0	59.5	0.0	0.1	0.2																										
4/18/2016 9:02	0.2	20.4	1.0	64.5	0.1	0.1	0.2																										
4/18/2016 9:03	0.1	20.5	0.9	53.0	0.0	0.1	0.2																										
4/18/2016 9:04	0.1	20.5	1.0	56.0	0.0	0.1	0.2																										
4/18/2016 9:05	0.1	20.6	0.9	43.0	0.1	0.1	0.2																										
4/18/2016 9:06	0.9	12.0	18.6	114.5	0.1	0.1	0.2																										
4/18/2016 9:07	4.8	0.1	47.4	480.5	0.4	0.1	0.4																										
4/18/2016 9:08	5.0	0.0	48.2	506.0	0.4	0.1	0.4																										
4/18/2016 9:09	5.0	0.0	49.6	497.0	0.4	0.1	0.4																										

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
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Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cmsa, CO_2	Co, O_2	Cm, O_2	Cmsa, O_2	Co, NO_x	Cm, NO_x	Cmsa, NO_x	Co, CO	Cm, CO	Cmsa, CO	Co, SO_2	Cm, SO_2	Cmsa, SO_2	Co, TOC	Cm, TOC	Cmsa, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/18/2016 9:10	3.6	2.9	29.3	393.5	0.3	0.1	0.3																										
4/18/2016 9:11	2.5	0.0	25.3	256.0	0.3	0.1	0.3																										
4/18/2016 9:12	2.5	0.0	25.2	254.5	0.3	0.1	0.3																										
4/18/2016 9:13	2.5	0.0	25.1	254.5	0.3	0.1	0.3																										
4/18/2016 9:14	**2.5**	**0.0**	**25.1**	**254.5**	0.2	0.1	0.3	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/18/2016 9:15	2.5	0.0	25.2	254.5	0.3	0.1	0.3																										
4/18/2016 9:16	1.2	15.8	6.7	152.0	0.1	0.1	0.3																										
4/18/2016 9:17	0.0	20.7	0.4	5.5	0.1	0.1	0.3																										
4/18/2016 9:18	0.0	20.7	0.4	0.5	0.1	0.1	0.3																										
4/18/2016 9:19	0.0	20.7	0.4	0.5	0.2	0.1	0.3																										
4/18/2016 9:20	0.0	20.7	0.4	0.0	0.8	0.1	0.3																										
4/18/2016 9:21	0.0	20.7	0.3	0.0	2.0	0.1	0.3																										
4/18/2016 9:22	0.0	20.7	0.3	0.5	6.5	0.1	0.3																										
4/18/2016 9:23	0.0	20.7	0.3	0.5	12.4	0.1	0.3																										
4/18/2016 9:24	0.0	20.7	0.2	0.5	13.6	0.1	0.3																										
4/18/2016 9:25	0.0	20.7	0.2	0.5	15.0	0.1	0.3																										
4/18/2016 9:26	**0.0**	20.8	**0.2**	**0.0**	**15.1**	**0.1**	0.3	**Zero CO2, 14.8 SO2, Zero NOx, Zero CO, Zero TOC Bias Check**																									
4/18/2016 9:27	0.0	20.8	0.2	0.0	15.1	0.1	0.3																										
4/18/2016 9:28	0.0	20.8	0.3	0.0	6.5	0.1	0.3																										
4/18/2016 9:29	0.0	20.8	0.3	0.0	0.4	0.2	0.3																										
4/18/2016 9:30	0.0	20.8	0.3	0.5	0.4	0.3	0.3																										
4/18/2016 9:31	0.0	20.8	0.3	0.0	0.4	0.4	0.3																										
4/18/2016 9:32	0.0	19.5	0.3	0.5	0.4	0.5	0.3																										
4/18/2016 9:33	0.1	17.9	0.7	17.0	0.4	0.6	0.3																										
4/18/2016 9:34	0.0	0.6	0.2	8.5	0.4	15.9	0.3																										
4/18/2016 9:35	0.0	0.0	0.1	0.5	0.4	29.9	0.3																										
4/18/2016 9:36	0.0	0.0	0.1	0.5	0.4	**25.3**	0.3																										
4/18/2016 9:37	0.0	0.1	0.1	0.5	0.4	20.7	0.3	**25.2 C3H8 Bias Check**																									
4/18/2016 9:38	0.0	0.0	0.1	0.5	0.4	14.8	0.3																										
4/18/2016 9:39	0.0	0.0	0.1	0.5	0.4	**14.8**	0.4	**14.4 C3H8 Bias Check**																									
4/18/2016 9:40	0.0	0.1	0.1	0.5	0.4	21.7	0.4																										
4/18/2016 9:41	0.0	0.0	0.1	0.5	0.3	9.3	0.3																										
4/18/2016 9:42	0.0	0.9	0.1	0.5	0.3	7.8	0.3																										
4/18/2016 9:43	0.1	17.8	0.8	25.0	0.3	**7.7**	0.3	**8.0 C3H8 Bias Check**																									
4/18/2016 9:44	0.0	0.7	0.2	14.0	0.3	1.2	0.3																										
4/18/2016 9:45	0.0	0.0	0.1	0.5	0.3	1.0	0.3																										
4/18/2016 9:46	0.0	0.0	0.1	0.5	0.3	0.9	0.3																										
4/18/2016 9:47	0.1	15.8	0.8	18.5	0.4	9.1	0.4																										
4/18/2016 9:48	0.1	20.7	1.4	36.0	0.5	9.5	0.5																										
4/18/2016 9:49	0.2	20.6	2.8	50.5	0.6	9.9	0.6																										
4/18/2016 9:50	0.3	20.6	3.2	66.0	0.6	15.9	0.6																										
4/18/2016 9:51	0.2	20.6	1.8	87.0	0.4	18.0	0.4																										
4/18/2016 9:52	0.2	20.6	1.6	59.0	0.2	11.9	0.2																										
4/18/2016 9:53	0.1	20.6	0.9	31.0	0.2	2.7	0.2																										
4/18/2016 9:54	0.1	20.6	0.4	16.5	0.2	1.4	0.2																										
4/18/2016 9:55	0.1	20.6	0.1	11.0	0.2	1.8	0.2																										
4/18/2016 9:56	0.1	20.6	0.1	11.0	0.2	4.1	0.2																										
4/18/2016 9:57	0.2	20.6	0.5	11.0	0.2	1.9	8.3																										
4/18/2016 9:58	0.2	0.1	0.4	11.0	0.5	1.8	10.6																										
4/18/2016 9:59	0.2	0.1	0.4	10.5	0.5	1.8	**10.8**	**9.98 H2S Bias Check**																									
4/18/2016 10:00	0.2	0.1	0.4	10.5	0.4	1.9	10.9																										
4/18/2016 10:01	0.2	12.5	0.8	13.5	0.4	12.8	7.2																										
4/18/2016 10:02	0.3	20.5	0.2	0.0	0.4	0.9	0.1																										
4/18/2016 10:03	0.3	20.5	0.8	5.0	0.4	0.9	0.1																										
4/18/2016 10:04	0.3	20.5	0.1	0.5	0.4	0.9	0.1																										
4/18/2016 10:05	0.3	20.5	0.1	0.0	0.1	0.9	0.1																										
4/18/2016 10:06	0.3	20.5	0.1	0.0	0.1	0.9	0.1																										
4/18/2016 10:07	0.3	20.5	0.1	0.0	0.1	0.9	0.1																										
4/18/2016 10:08	0.3	20.5	0.1	0.0	0.1	5.2	0.1																										

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																		Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/18/2016 10:09	0.3	20.5	2.0	0.0	0.1	6.2	0.2																										
4/18/2016 10:10	0.3	20.6	3.7	0.5	0.4	10.0	0.4																										
4/18/2016 10:11	0.2	20.5	2.4	19.0	2.0	14.2	0.3	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.6	1.9	19.2	1.9	14.0	0.3
4/18/2016 10:12	0.3	20.5	3.6	101.5	2.5	14.6	0.3	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.5	3.2	102.6	2.4	14.4	0.3
4/18/2016 10:13	0.3	20.5	3.5	103.5	1.6	15.8	0.3	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.6	3.1	104.6	1.6	15.5	0.3
4/18/2016 10:14	0.3	20.5	3.8	102.5	1.6	16.4	0.3	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.6	3.3	103.6	1.6	16.1	0.3
4/18/2016 10:15	0.4	20.5	4.3	104.0	2.1	13.8	0.4	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.6	3.8	105.1	2.0	13.6	0.4
4/18/2016 10:16	0.3	20.5	4.2	90.0	2.4	19.8	0.4	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.6	3.7	90.9	2.3	19.5	0.4
4/18/2016 10:17	0.5	20.3	4.8	141.5	3.6	20.0	0.5	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.4	20.3	4.4	143.0	3.5	19.7	0.5
4/18/2016 10:18	0.9	19.9	10.2	121.5	9.2	15.5	0.6	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.8	20.0	9.8	122.8	9.1	15.2	0.6
4/18/2016 10:19	1.0	19.9	12.6	119.0	11.2	20.4	1.1	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.9	20.0	12.2	120.2	11.1	20.1	1.1
4/18/2016 10:20	1.2	19.2	24.3	127.5	15.3	9.3	0.9	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.2	19.3	23.9	128.8	15.1	9.2	0.9
4/18/2016 10:21	1.8	19.1	27.8	70.5	23.4	5.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.8	19.2	27.4	71.2	23.1	5.4	0.2
4/18/2016 10:22	1.3	19.5	20.2	103.0	14.5	10.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.3	19.6	19.8	104.1	14.3	10.0	0.2
4/18/2016 10:23	1.1	19.8	17.1	142.5	9.7	12.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.0	19.9	16.7	144.0	9.6	12.1	0.2
4/18/2016 10:24	0.7	20.3	10.7	162.5	6.2	53.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.7	20.4	10.3	164.2	6.1	52.5	0.2
4/18/2016 10:25	0.7	19.9	12.1	248.0	8.4	28.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.6	20.0	11.7	250.6	8.3	27.7	0.2
4/18/2016 10:26	1.4	19.5	16.0	105.5	19.7	8.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.4	19.6	15.6	106.6	19.4	8.7	0.2
4/18/2016 10:27	1.1	19.8	14.1	132.0	15.6	23.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.1	19.9	13.7	133.4	15.4	23.2	0.2
4/18/2016 10:28	0.7	20.2	9.7	240.0	8.6	50.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.7	20.3	9.3	242.5	8.4	50.1	0.2
4/18/2016 10:29	0.6	20.4	9.0	265.0	5.5	47.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.5	20.4	8.5	267.8	5.4	46.9	0.2
4/18/2016 10:30	0.5	20.4	8.6	224.5	4.1	47.9	0.4	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.4	20.5	8.2	226.8	4.0	47.3	0.4
4/18/2016 10:31	0.5	20.4	9.3	238.5	3.7	43.5	0.8	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.4	20.5	8.9	241.0	3.6	42.9	0.8
4/18/2016 10:32	0.5	20.4	10.2	246.5	3.3	53.4	1.1	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.4	20.5	9.8	249.1	3.2	52.6	1.1
4/18/2016 10:33	0.4	20.4	9.8	245.5	2.8	62.5	0.3	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.4	20.5	9.3	248.1	2.7	61.6	0.3
4/18/2016 10:34	0.5	20.4	10.3	318.5	2.9	83.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.4	20.5	9.9	321.8	2.8	82.7	0.2
4/18/2016 10:35	0.5	20.5	9.8	342.5	2.8	81.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.4	20.5	9.3	346.1	2.7	80.0	0.2
4/18/2016 10:36	0.4	20.5	9.4	315.0	2.5	80.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.4	20.6	9.0	318.3	2.5	79.2	0.2
4/18/2016 10:37	0.4	20.6	8.3	289.5	2.1	76.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.6	7.9	292.5	2.1	75.7	0.2
4/18/2016 10:38	0.3	20.6	7.8	260.0	1.8	83.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.6	7.4	262.7	1.7	82.0	0.2
4/18/2016 10:39	0.3	20.6	7.3	249.5	1.6	78.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	6.8	252.1	1.5	77.4	0.2
4/18/2016 10:40	0.3	20.6	6.8	234.5	1.5	70.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	6.3	236.9	1.4	69.3	0.2
4/18/2016 10:41	0.3	20.6	6.7	210.0	1.5	68.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	6.3	212.2	1.4	67.1	0.2
4/18/2016 10:42	0.3	20.6	6.5	221.0	1.4	71.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	6.1	223.3	1.3	70.8	0.2
4/18/2016 10:43	0.3	20.6	6.6	229.5	1.3	67.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	6.1	231.9	1.3	66.3	0.2
4/18/2016 10:44	0.2	20.7	6.2	215.0	1.2	65.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	5.8	217.2	1.2	64.9	0.2
4/18/2016 10:45	0.2	20.7	6.2	201.0	1.2	71.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	5.7	203.1	1.1	70.3	0.2
4/18/2016 10:46	0.2	20.6	6.4	219.5	1.3	73.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	6.0	221.8	1.2	72.0	0.2
4/18/2016 10:47	0.3	20.5	6.7	206.5	1.9	55.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.6	6.3	208.7	1.9	54.6	0.2
4/18/2016 10:48	0.3	20.6	6.5	174.0	2.1	55.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	6.0	175.8	2.0	54.8	0.2
4/18/2016 10:49	0.3	20.6	6.3	167.5	1.7	44.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	5.8	169.2	1.6	43.4	0.2
4/18/2016 10:50	0.2	20.7	5.3	127.5	1.5	32.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	4.8	128.8	1.5	31.5	0.2
4/18/2016 10:51	0.2	20.7	4.9	102.0	1.3	33.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	4.4	103.1	1.2	33.3	0.2
4/18/2016 10:52	0.2	20.6	5.6	140.0	1.5	51.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	5.2	141.5	1.5	50.4	0.2
4/18/2016 10:53	0.3	20.6	6.3	186.0	1.9	44.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	5.8	187.9	1.9	44.0	0.2
4/18/2016 10:54	0.2	20.7	5.7	126.0	1.6	27.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	5.2	127.3	1.6	27.0	0.2
4/18/2016 10:55	0.2	20.8	5.4	109.0	1.4	51.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	4.9	110.1	1.3	50.3	0.2
4/18/2016 10:56	0.3	20.5	6.4	234.0	2.5	63.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.6	5.9	236.4	2.5	63.0	0.2
4/18/2016 10:57	1.1	19.5	15.7	191.5	12.7	14.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.0	19.6	15.3	193.5	12.5	14.0	0.2
4/18/2016 10:58	1.5	19.2	22.1	98.5	23.2	9.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.5	19.3	21.7	99.5	22.8	9.2	0.2
4/18/2016 10:59	1.2	19.8	17.3	121.0	18.2	15.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.1	19.8	16.9	122.3	17.9	15.1	0.2
4/18/2016 11:00	0.7	20.2	12.2	191.0	10.2	23.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.7	20.3	11.8	193.0	10.0	23.0	0.2
4/18/2016 11:01	0.5	20.4	10.1	175.0	6.1	19.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.5	20.5	9.6	176.8	6.0	19.4	0.2
4/18/2016 11:02	0.4	20.5	8.1	113.0	3.7	23.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.6	7.7	114.2	3.6	23.2	0.2
4/18/2016 11:03	0.4	20.5	8.6	164.0	3.4	38.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.6	8.1	165.7	3.3	37.5	0.2
4/18/2016 11:04	0.4	20.5	8.6	174.0	3.0	42.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.6	8.2	175.8	2.9	41.9	0.2
4/18/2016 11:05	0.3	20.6	7.3	175.5	2.7	22.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.7	6.8	177.3	2.7	22.4	0.2
4/18/2016 11:06	0.2	20.7	5.3	75.5	1.3	20.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	4.8	76.3	1.3	20.4	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/18/2016 11:07	0.2	20.7	4.9	119.0	1.1	78.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	4.4	120.2	1.1	77.1	0.2
4/18/2016 11:08	0.2	20.6	4.4	195.5	0.9	95.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.7	3.9	197.5	0.9	93.9	0.2
4/18/2016 11:09	0.8	19.8	10.9	380.0	7.3	80.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.8	19.9	10.5	384.0	7.1	79.5	0.2
4/18/2016 11:10	1.2	19.4	16.0	383.5	13.6	46.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.2	19.5	15.6	387.5	13.4	46.1	0.2
4/18/2016 11:11	2.2	18.3	37.5	199.0	25.0	11.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	2.2	18.3	37.1	201.1	24.6	11.4	0.2
4/18/2016 11:12	1.6	19.5	27.2	83.5	18.6	8.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.6	19.6	26.8	84.4	18.3	8.3	0.2
4/18/2016 11:13	1.5	19.2	33.1	68.0	14.7	8.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.4	19.3	32.7	68.7	14.5	7.8	0.2
4/18/2016 11:14	1.6	18.8	37.7	87.0	15.5	9.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.6	18.8	37.4	87.9	15.3	9.4	0.2
4/18/2016 11:15	1.8	19.2	28.2	127.0	16.9	10.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.8	19.3	27.8	128.3	16.7	10.4	0.2
4/18/2016 11:16	1.3	19.6	22.9	135.0	12.4	11.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	1.3	19.7	22.5	136.4	12.2	11.3	0.2
4/18/2016 11:17	0.7	20.2	13.3	116.5	7.2	13.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.7	20.3	12.9	117.7	7.0	13.6	0.2
4/18/2016 11:18	0.6	20.4	10.6	112.5	4.8	13.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.5	20.5	10.1	113.7	4.7	13.3	0.2
4/18/2016 11:19	0.9	19.8	19.8	162.5	6.1	24.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.8	19.9	19.4	164.2	6.0	23.7	0.2
4/18/2016 11:20	0.9	20.0	16.3	205.0	6.5	24.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.9	20.1	15.9	207.1	6.4	24.5	0.2
4/18/2016 11:21	0.7	20.3	12.9	207.0	5.2	15.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.7	20.4	12.5	209.2	5.1	15.2	0.2
4/18/2016 11:22	0.3	20.6	6.3	82.0	2.2	9.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.7	5.9	82.9	2.2	9.5	0.2
4/18/2016 11:23	0.2	20.8	2.4	36.5	1.0	2.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.0	36.9	0.9	2.6	0.2
4/18/2016 11:24	0.1	20.9	1.3	1.5	0.3	2.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.0	21.0	0.8	1.5	0.2	1.9	0.2
4/18/2016 11:25	0.1	20.9	1.0	0.0	0.2	1.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.6	0.0	0.2	1.6	0.2
4/18/2016 11:26	0.1	20.9	0.8	0.0	0.1	1.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.4	0.0	0.1	1.4	0.2
4/18/2016 11:27	0.1	20.9	0.8	0.0	0.1	1.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.3	0.0	0.1	1.2	0.2
4/18/2016 11:28	0.1	20.9	0.6	0.5	0.1	1.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.2	0.5	0.1	1.1	0.2
4/18/2016 11:29	0.1	20.9	0.6	0.5	0.1	1.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.1	0.5	0.1	1.0	0.2
4/18/2016 11:30	0.1	20.9	0.5	0.5	0.1	0.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.1	0.5	0.1	0.9	0.2
4/18/2016 11:31	0.1	20.9	0.5	0.0	0.1	0.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.0	0.0	0.1	0.8	0.2
4/18/2016 11:32	0.1	20.9	0.5	0.0	0.1	0.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.0	0.0	0.0	0.7	0.2
4/18/2016 11:33	0.1	20.8	1.3	4.5	0.1	14.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	0.9	4.5	0.1	14.7	0.2
4/18/2016 11:34	0.6	20.3	10.9	181.5	2.8	25.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.6	20.4	10.4	183.4	2.7	25.0	0.2
4/18/2016 11:35	0.2	20.8	2.7	80.5	1.2	6.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.2	81.3	1.2	6.6	0.2
4/18/2016 11:36	0.2	20.8	2.1	30.0	0.6	10.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	1.7	30.3	0.6	10.0	0.2
4/18/2016 11:37	0.3	20.7	4.2	80.0	1.2	12.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	3.7	80.8	1.1	11.8	0.2
4/18/2016 11:38	0.1	20.9	1.1	19.5	0.3	1.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.0	21.0	0.7	19.7	0.3	1.2	0.2
4/18/2016 11:39	0.1	20.9	0.7	0.5	0.1	1.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.0	21.0	0.2	0.5	0.1	1.4	0.2
4/18/2016 11:40	0.1	20.8	2.3	24.5	0.3	13.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	1.9	24.8	0.3	12.8	0.2
4/18/2016 11:41	0.3	20.5	7.1	124.0	1.4	42.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.6	6.6	125.3	1.3	42.0	0.2
4/18/2016 11:42	0.4	20.6	6.7	214.0	1.8	46.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.7	6.2	216.2	1.7	46.1	0.2
4/18/2016 11:43	0.3	20.7	5.4	183.0	1.4	31.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	5.0	184.9	1.4	31.5	0.2
4/18/2016 11:44	0.2	20.8	3.8	87.5	0.9	23.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.3	88.4	0.8	23.5	0.2
4/18/2016 11:45	0.2	20.7	4.2	96.0	1.2	25.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	3.8	97.0	1.1	24.8	0.2
4/18/2016 11:46	0.2	20.6	5.6	130.5	1.1	66.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	5.2	131.9	1.1	65.8	0.2
4/18/2016 11:47	0.3	20.6	5.8	247.5	1.3	64.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.7	5.4	250.1	1.3	63.8	0.2
4/18/2016 11:48	0.3	20.6	6.8	242.0	1.3	85.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.6	6.4	244.5	1.3	84.7	0.2
4/18/2016 11:49	0.4	20.6	7.8	277.0	1.7	66.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.6	7.4	279.9	1.7	65.5	0.2
4/18/2016 11:50	0.2	20.7	5.7	199.0	1.0	62.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	5.3	201.1	1.0	61.8	0.2
4/18/2016 11:51	0.2	20.7	5.5	176.0	0.9	79.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	5.1	177.8	0.8	78.0	0.2
4/18/2016 11:52	0.2	20.7	6.1	230.5	0.9	74.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	5.6	232.9	0.8	73.8	0.2
4/18/2016 11:53	0.2	20.8	4.5	167.5	0.7	45.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	4.1	169.2	0.7	44.4	0.2
4/18/2016 11:54	0.1	20.8	3.6	89.0	0.6	24.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.2	89.9	0.6	24.2	0.2
4/18/2016 11:55	0.1	20.8	4.0	82.5	0.7	49.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.6	83.4	0.6	48.9	0.2
4/18/2016 11:56	0.2	20.8	4.0	144.5	0.7	54.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.6	146.0	0.6	53.8	0.2
4/18/2016 11:57	0.2	20.6	5.8	192.0	0.8	90.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.7	5.4	194.0	0.8	89.2	0.2
4/18/2016 11:58	0.2	20.7	5.6	243.5	0.9	72.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	5.2	246.0	0.9	71.4	0.2
4/18/2016 11:59	0.2	20.8	4.4	149.5	0.6	51.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	4.0	151.1	0.6	51.0	0.2
4/18/2016 12:00	0.2	20.8	4.3	120.0	0.6	59.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.8	121.3	0.6	58.3	0.2
4/18/2016 12:01	0.2	20.7	5.2	175.5	0.7	67.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	4.7	177.3	0.6	66.5	0.2
4/18/2016 12:02	0.2	20.8	4.0	122.0	0.6	44.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.5	123.3	0.5	44.0	0.2
4/18/2016 12:03	0.2	20.8	4.2	103.5	0.7	37.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.7	104.6	0.6	37.2	0.2
4/18/2016 12:04	0.1	20.8	3.4	81.0	0.5	35.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.9	81.8	0.5	35.3	0.2
4/18/2016 12:05	0.1	20.8	3.4	91.5	0.4	36.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.0	92.5	0.4	36.4	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/18/2016 12:06	0.2	20.8	3.9	93.5	0.6	45.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.4	94.5	0.5	45.2	0.2
4/18/2016 12:07	0.2	20.7	4.6	129.0	0.8	52.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	4.2	130.3	0.8	52.0	0.2
4/18/2016 12:08	0.2	20.7	4.8	143.0	0.9	56.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	4.4	144.5	0.8	55.9	0.2
4/18/2016 12:09	0.2	20.7	5.2	152.0	1.0	51.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	4.7	153.6	0.9	50.7	0.2
4/18/2016 12:10	0.1	20.8	3.9	98.5	0.6	40.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.4	99.5	0.6	39.6	0.2
4/18/2016 12:11	0.2	20.8	4.7	123.0	0.6	60.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	4.2	124.3	0.6	60.0	0.2
4/18/2016 12:12	0.2	20.8	4.2	125.5	0.6	54.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.7	126.8	0.6	54.0	0.2
4/18/2016 12:13	0.2	20.8	4.6	132.5	0.6	61.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	4.1	133.9	0.5	60.9	0.2
4/18/2016 12:14	0.2	20.8	4.1	134.5	0.7	45.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.7	135.9	0.6	44.7	0.2
4/18/2016 12:15	0.1	20.8	3.8	105.0	0.4	46.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.4	106.1	0.4	45.8	0.2
4/18/2016 12:16	0.2	20.8	4.1	116.0	0.4	61.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.7	117.2	0.4	60.8	0.2
4/18/2016 12:17	0.2	20.8	4.5	154.5	0.5	59.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	4.1	156.1	0.5	58.7	0.2
4/18/2016 12:18	0.1	20.8	3.4	101.0	0.4	40.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.0	102.1	0.3	40.1	0.2
4/18/2016 12:19	0.1	20.8	3.5	85.0	0.4	38.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.0	85.9	0.3	38.0	0.2
4/18/2016 12:20	0.1	20.8	3.8	105.0	0.4	52.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.3	106.1	0.4	51.3	0.2
4/18/2016 12:21	0.1	20.8	3.8	118.0	0.4	46.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.3	119.2	0.4	45.9	0.2
4/18/2016 12:22	0.1	20.8	3.8	106.5	0.3	62.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.3	107.6	0.3	61.5	0.2
4/18/2016 12:23	0.2	20.8	4.4	144.0	0.4	59.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	4.0	145.5	0.4	58.7	0.2
4/18/2016 12:24	0.2	20.8	4.4	128.0	0.4	64.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.9	129.3	0.4	63.4	0.2
4/18/2016 12:25	0.1	20.8	3.8	117.0	0.3	51.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.4	118.2	0.3	50.4	0.2
4/18/2016 12:26	0.1	20.8	3.6	102.5	0.3	47.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.2	103.6	0.3	46.8	0.2
4/18/2016 12:27	0.1	20.8	3.5	98.5	0.3	49.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.1	99.5	0.2	49.0	0.2
4/18/2016 12:28	0.1	20.8	3.3	94.0	0.3	50.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.9	95.0	0.2	49.4	0.2
4/18/2016 12:29	0.1	20.8	3.7	111.0	0.3	48.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.2	112.2	0.2	47.4	0.2
4/18/2016 12:30	0.1	20.8	3.5	100.0	0.3	54.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.1	101.0	0.2	53.5	0.2
4/18/2016 12:31	0.2	20.7	4.3	136.0	0.3	70.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	3.9	137.4	0.3	69.0	0.2
4/18/2016 12:32	0.2	20.7	4.9	156.5	0.3	72.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	4.5	158.1	0.3	71.1	0.2
4/18/2016 12:33	0.2	20.7	5.2	158.5	0.3	68.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	4.8	160.2	0.3	67.6	0.2
4/18/2016 12:34	0.2	20.7	5.3	159.5	0.4	61.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	4.9	161.2	0.3	60.4	0.2
4/18/2016 12:35	0.1	20.8	4.1	107.5	0.3	53.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.6	108.6	0.2	52.7	0.2
4/18/2016 12:36	0.1	20.8	3.8	103.0	0.2	43.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.3	104.1	0.2	42.7	0.2
4/18/2016 12:37	0.1	20.8	4.0	104.0	0.2	51.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.5	105.1	0.2	50.8	0.2
4/18/2016 12:38	0.1	20.8	4.0	107.5	0.2	57.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.6	108.6	0.2	56.8	0.2
4/18/2016 12:39	0.1	20.8	3.6	101.0	0.2	52.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.0	20.9	3.1	102.1	0.2	51.9	0.2
4/18/2016 12:40	0.1	20.7	4.6	117.5	0.2	77.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	4.1	118.7	0.2	76.6	0.2
4/18/2016 12:41	0.2	20.7	5.5	176.5	0.3	78.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	5.0	178.3	0.3	77.8	0.2
4/18/2016 12:42	0.2	20.7	5.3	148.5	0.3	67.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	4.9	150.1	0.3	66.5	0.2
4/18/2016 12:43	0.2	20.7	5.0	132.5	0.3	62.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	4.6	133.9	0.3	61.3	0.2
4/18/2016 12:44	0.2	20.7	4.9	137.0	0.3	68.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	4.5	138.4	0.2	67.8	0.2
4/18/2016 12:45	0.1	20.8	4.1	115.0	0.2	52.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.6	116.2	0.2	51.5	0.2
4/18/2016 12:46	0.1	20.8	3.6	103.5	0.2	48.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.1	104.6	0.2	47.5	0.2
4/18/2016 12:47	0.1	20.8	3.4	93.0	0.2	52.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.0	94.0	0.2	51.5	0.2
4/18/2016 12:48	0.2	20.8	3.9	112.5	0.2	61.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.4	113.7	0.2	60.3	0.2
4/18/2016 12:49	0.2	20.8	3.9	119.0	0.2	47.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.4	120.2	0.2	47.0	0.2
4/18/2016 12:50	0.1	20.8	3.3	89.0	0.2	41.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.8	89.9	0.2	41.0	0.2
4/18/2016 12:51	0.1	20.8	3.1	82.0	0.1	46.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.7	82.9	0.1	46.0	0.2
4/18/2016 12:52	0.2	20.8	3.8	111.0	0.2	55.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.4	112.2	0.2	54.7	0.2
4/18/2016 12:53	0.2	20.8	3.8	116.5	0.2	63.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.4	117.7	0.2	62.3	0.2
4/18/2016 12:54	0.2	20.7	4.4	139.5	0.2	69.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	3.9	141.0	0.2	68.6	0.2
4/18/2016 12:55	0.2	20.8	3.9	130.0	0.2	52.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	3.5	131.4	0.2	52.1	0.2
4/18/2016 12:56	0.2	20.8	3.7	106.5	0.2	54.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	3.3	107.6	0.2	53.5	0.2
4/18/2016 12:57	0.2	20.8	3.6	109.0	0.2	55.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	3.1	110.1	0.2	54.7	0.2
4/18/2016 12:58	0.2	20.8	3.6	112.0	0.2	49.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	3.1	113.2	0.2	48.5	0.2
4/18/2016 12:59	0.2	20.8	2.9	85.5	0.1	45.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.4	86.4	0.1	44.9	0.2
4/18/2016 13:00	0.2	20.8	3.5	110.5	0.1	52.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	3.1	111.7	0.1	52.1	0.2
4/18/2016 13:01	0.2	20.8	2.9	92.5	0.1	38.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.4	93.5	0.1	37.5	0.2
4/18/2016 13:02	0.2	20.8	2.7	73.5	0.1	44.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.3	74.3	0.1	43.5	0.2
4/18/2016 13:03	0.3	20.8	3.0	94.0	0.1	41.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.5	95.0	0.1	41.1	0.2
4/18/2016 13:04	0.2	20.8	2.2	63.0	0.1	26.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.8	63.7	0.1	26.5	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/18/2016 13:05	0.2	20.8	2.0	47.0	0.1	29.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.5	47.5	0.1	29.1	0.2
4/18/2016 13:06	0.2	20.8	2.0	52.0	0.1	26.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.6	52.5	0.1	26.5	0.2
4/18/2016 13:07	0.3	20.8	2.1	54.5	0.1	29.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.7	55.1	0.1	29.0	0.2
4/18/2016 13:08	0.2	20.8	1.9	51.5	0.1	28.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.5	52.0	0.1	28.0	0.2
4/18/2016 13:09	0.3	20.8	1.9	49.0	0.1	27.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.4	49.5	0.1	26.8	0.2
4/18/2016 13:10	0.3	20.8	2.0	56.5	0.1	30.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.6	57.1	0.1	30.0	0.2
4/18/2016 13:11	0.3	20.8	2.1	62.0	0.1	33.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.6	62.6	0.1	32.7	0.2
4/18/2016 13:12	0.3	20.8	2.7	83.0	0.1	49.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.3	83.9	0.1	49.1	0.2
4/18/2016 13:13	0.3	20.8	3.3	113.5	0.1	50.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.9	2.8	114.7	0.1	49.9	0.2
4/18/2016 13:14	0.3	20.8	2.9	94.5	0.1	39.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.3	20.9	2.5	95.5	0.1	38.4	0.2
4/18/2016 13:15	0.3	20.8	2.3	71.0	0.1	32.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.9	71.7	0.1	31.7	0.2
4/18/2016 13:16	0.3	20.8	2.2	62.5	0.1	32.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.7	63.2	0.1	32.3	0.2
4/18/2016 13:17	0.3	20.8	2.4	67.0	0.1	34.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.9	67.7	0.1	34.1	0.2
4/18/2016 13:18	0.3	20.8	2.5	75.0	0.1	36.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	75.8	0.1	36.4	0.2
4/18/2016 13:19	0.3	20.8	2.7	83.0	0.1	42.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.3	83.9	0.1	41.6	0.2
4/18/2016 13:20	0.3	20.8	2.7	89.5	0.1	43.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.3	90.4	0.1	42.6	0.2
4/18/2016 13:21	0.3	20.8	3.3	102.0	0.1	51.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.8	103.1	0.1	50.8	0.2
4/18/2016 13:22	0.2	20.8	2.1	75.5	0.1	16.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.6	76.3	0.1	15.9	0.2
4/18/2016 13:23	0.2	20.9	1.4	14.0	0.1	32.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	1.0	14.1	0.1	31.6	0.2
4/18/2016 13:24	0.3	20.8	2.6	91.5	0.1	45.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.2	92.5	0.1	44.9	0.2
4/18/2016 13:25	0.2	20.8	2.1	78.5	0.1	36.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.7	79.3	0.1	36.3	0.2
4/18/2016 13:26	0.2	20.8	2.1	67.0	0.1	38.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.6	67.7	0.1	37.4	0.2
4/18/2016 13:27	0.2	20.8	2.2	73.0	0.1	38.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.7	73.8	0.1	38.1	0.2
4/18/2016 13:28	0.2	20.8	2.1	71.5	0.1	36.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.6	72.2	0.1	35.6	0.2
4/18/2016 13:29	0.2	20.8	2.2	72.5	0.1	39.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.8	73.3	0.1	39.2	0.2
4/18/2016 13:30	0.2	20.8	2.2	70.5	0.1	39.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.7	71.2	0.1	39.1	0.2
4/18/2016 13:31	0.2	20.8	2.6	83.5	0.1	61.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	84.4	0.1	61.0	0.2
4/18/2016 13:32	0.2	20.8	3.0	131.5	0.1	49.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.5	132.9	0.1	48.6	0.2
4/18/2016 13:33	0.2	20.8	2.4	77.5	0.1	39.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.9	78.3	0.1	38.8	0.2
4/18/2016 13:34	0.2	20.8	2.4	75.0	0.1	41.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.9	75.8	0.1	40.8	0.2
4/18/2016 13:35	0.2	20.8	2.5	82.0	0.1	46.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	82.9	0.1	45.7	0.2
4/18/2016 13:36	0.2	20.8	2.5	86.5	0.1	41.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.0	87.4	0.1	40.5	0.2
4/18/2016 13:37	0.2	20.8	2.4	78.5	0.1	49.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.0	79.3	0.1	49.1	0.2
4/18/2016 13:38	0.2	20.8	3.3	117.5	0.1	54.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.8	118.7	0.1	53.9	0.2
4/18/2016 13:39	0.2	20.8	3.1	97.5	0.1	45.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.6	98.5	0.1	44.6	0.2
4/18/2016 13:40	0.2	20.8	3.0	95.0	0.1	52.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.6	96.0	0.1	52.0	0.2
4/18/2016 13:41	0.2	20.8	3.0	98.0	0.1	53.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.6	99.0	0.1	52.3	0.2
4/18/2016 13:42	0.2	20.8	2.9	107.0	0.1	45.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.4	108.1	0.1	44.6	0.2
4/18/2016 13:43	0.2	20.8	2.6	82.0	0.1	38.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.2	82.9	0.1	38.2	0.2
4/18/2016 13:44	0.2	20.8	2.5	84.0	0.1	43.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.0	84.9	0.1	43.3	0.2
4/18/2016 13:45	0.2	20.8	3.6	122.0	0.1	78.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	3.2	123.3	0.1	77.2	0.2
4/18/2016 13:46	0.2	20.8	3.9	161.0	0.1	44.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	3.5	162.7	0.1	43.7	0.2
4/18/2016 13:47	0.2	20.9	1.8	51.0	0.1	20.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	1.4	51.5	0.1	20.2	0.2
4/18/2016 13:48	0.1	20.9	1.0	14.0	0.1	8.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.6	14.1	0.1	8.2	0.2
4/18/2016 13:49	0.1	20.9	0.9	6.5	0.1	15.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.4	6.6	0.1	15.2	0.2
4/18/2016 13:50	0.2	20.9	1.1	22.5	0.1	12.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.6	22.7	0.0	11.9	0.2
4/18/2016 13:51	0.1	20.9	0.6	6.5	0.1	6.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.2	6.6	0.0	6.3	0.2
4/18/2016 13:52	0.1	20.9	0.7	3.5	0.1	11.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.2	3.5	0.0	11.4	0.2
4/18/2016 13:53	0.2	20.9	0.7	15.5	0.1	7.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.3	15.7	0.0	6.8	0.2
4/18/2016 13:54	0.1	20.9	0.5	2.0	0.1	5.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.0	2.0	0.0	5.0	0.2
4/18/2016 13:55	0.2	20.9	0.4	0.5	0.1	4.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	-0.1	0.5	0.0	4.7	0.2
4/18/2016 13:56	0.2	20.9	0.4	0.0	0.0	4.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	-0.1	0.0	0.0	4.4	0.2
4/18/2016 13:57	0.2	20.9	0.4	0.5	0.0	4.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	-0.1	0.5	0.0	4.2	0.2
4/18/2016 13:58	0.2	20.9	0.5	3.5	0.0	10.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.1	3.5	0.0	10.2	0.2
4/18/2016 13:59	0.2	20.9	1.1	31.0	0.0	16.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	21.0	0.7	31.3	0.0	15.8	0.2
4/18/2016 14:00	0.2	20.9	0.5	11.0	0.0	4.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.1	11.1	0.0	4.5	0.2
4/18/2016 14:01	0.2	20.9	1.2	19.5	0.1	27.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	21.0	0.8	19.7	0.0	27.2	0.2
4/18/2016 14:02	0.3	20.8	2.2	74.0	0.1	32.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.7	74.8	0.0	32.3	0.2
4/18/2016 14:03	0.3	20.8	2.4	82.5	0.1	42.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.0	83.4	0.0	41.6	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/18/2016 14:04	0.3	20.8	2.6	98.0	0.1	44.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.2	99.0	0.0	44.1	0.2
4/18/2016 14:05	0.3	20.8	2.9	107.5	0.1	51.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.5	108.6	0.1	50.4	0.2
4/18/2016 14:06	0.3	20.8	2.9	111.0	0.1	49.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.5	112.2	0.1	48.7	0.2
4/18/2016 14:07	0.3	20.8	2.8	103.5	0.1	40.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.4	104.6	0.1	40.1	0.2
4/18/2016 14:08	0.3	20.8	2.5	78.5	0.1	39.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	79.3	0.1	38.4	0.2
4/18/2016 14:09	0.3	20.8	2.8	89.0	0.1	42.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.3	89.9	0.1	41.7	0.2
4/18/2016 14:10	0.3	20.8	2.7	87.5	0.1	41.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.2	88.4	0.1	41.0	0.2
4/18/2016 14:11	0.3	20.8	2.5	81.5	0.1	40.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.0	82.4	0.1	39.9	0.2
4/18/2016 14:12	0.3	20.8	2.5	81.0	0.1	38.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	81.8	0.1	37.6	0.2
4/18/2016 14:13	0.3	20.8	2.5	81.0	0.1	39.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	81.8	0.1	38.4	0.2
4/18/2016 14:14	0.3	20.8	2.5	81.5	0.1	37.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.0	82.4	0.1	36.4	0.2
4/18/2016 14:15	0.3	20.8	2.2	70.5	0.1	38.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.8	71.2	0.1	37.8	0.2
4/18/2016 14:16	0.3	20.8	2.5	83.0	0.1	42.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	83.9	0.1	41.4	0.2
4/18/2016 14:17	0.2	20.8	2.4	77.0	0.1	39.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.0	77.8	0.1	38.9	0.2
4/18/2016 14:18	0.2	20.8	2.7	84.0	0.1	41.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.2	84.9	0.1	40.6	0.2
4/18/2016 14:19	0.2	20.8	2.6	92.5	0.1	43.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.2	93.5	0.1	42.7	0.2
4/18/2016 14:20	0.2	20.8	3.0	95.5	0.1	44.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.5	96.5	0.1	43.5	0.2
4/18/2016 14:21	0.2	20.8	2.6	87.5	0.1	42.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	88.4	0.1	41.9	0.2
4/18/2016 14:22	0.2	20.8	2.6	89.5	0.1	42.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	90.4	0.1	41.8	0.2
4/18/2016 14:23	0.2	20.8	2.5	83.5	0.1	39.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	84.4	0.1	39.3	0.2
4/18/2016 14:24	0.2	20.8	2.5	78.0	0.1	43.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	78.8	0.1	42.7	0.2
4/18/2016 14:25	0.2	20.8	2.7	90.0	0.1	43.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.2	90.9	0.1	43.0	0.2
4/18/2016 14:26	0.2	20.8	2.8	89.0	0.1	48.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.3	89.9	0.1	47.6	0.2
4/18/2016 14:27	0.2	20.8	3.2	111.0	0.1	54.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.8	112.2	0.1	53.2	0.2
4/18/2016 14:28	0.2	20.8	3.0	105.5	0.1	50.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.6	106.6	0.1	49.8	0.2
4/18/2016 14:29	0.2	20.8	3.2	114.5	0.1	58.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.8	115.7	0.1	57.7	0.2
4/18/2016 14:30	0.2	20.8	3.0	113.0	0.1	58.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.6	114.2	0.1	57.3	0.2
4/18/2016 14:31	0.2	20.8	2.5	96.5	0.1	36.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.1	97.5	0.1	35.8	0.2
4/18/2016 14:32	0.2	20.8	2.3	65.5	0.1	34.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	1.8	66.2	0.1	33.5	0.2
4/18/2016 14:33	0.2	20.8	2.4	69.0	0.1	36.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	1.9	69.7	0.1	36.2	0.2
4/18/2016 14:34	0.2	20.8	2.3	79.0	0.1	38.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	1.9	79.8	0.1	38.3	0.2
4/18/2016 14:35	0.2	20.8	2.2	73.5	0.1	35.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	1.7	74.3	0.1	34.6	0.2
4/18/2016 14:36	0.2	20.8	2.1	65.5	0.1	36.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	1.7	66.2	0.1	35.8	0.2
4/18/2016 14:37	0.2	20.8	2.6	72.5	0.1	40.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.1	73.3	0.1	40.0	0.2
4/18/2016 14:38	0.2	20.8	2.6	80.5	0.1	42.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.2	81.3	0.1	41.4	0.2
4/18/2016 14:39	0.2	20.8	3.3	87.0	0.1	48.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.8	87.9	0.1	47.4	0.2
4/18/2016 14:40	0.2	20.8	3.5	102.5	0.1	56.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	3.0	103.6	0.1	55.2	0.2
4/18/2016 14:41	0.2	20.8	3.3	114.0	0.1	51.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.8	115.2	0.1	50.9	0.2
4/18/2016 14:42	0.2	20.7	3.6	114.5	0.1	64.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.8	3.2	115.7	0.1	63.5	0.2
4/18/2016 14:43	0.2	20.8	3.2	118.5	0.1	46.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.7	119.7	0.1	45.9	0.2
4/18/2016 14:44	0.2	20.8	3.1	100.5	0.1	46.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.7	101.5	0.1	46.1	0.2
4/18/2016 14:45	0.2	20.8	2.8	88.0	0.1	49.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.4	88.9	0.1	48.4	0.2
4/18/2016 14:46	0.2	20.8	3.1	96.5	0.1	52.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.7	97.5	0.1	51.4	0.2
4/18/2016 14:47	0.2	20.8	3.1	98.0	0.1	51.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.7	99.0	0.1	50.6	0.2
4/18/2016 14:48	0.2	20.8	2.7	89.5	0.1	42.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.2	90.4	0.1	42.1	0.2
4/18/2016 14:49	0.2	20.8	2.9	90.5	0.1	46.2	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.5	91.4	0.1	45.6	0.2
4/18/2016 14:50	0.2	20.8	2.4	78.5	0.1	36.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.0	79.3	0.1	35.6	0.2
4/18/2016 14:51	0.2	20.8	2.7	73.0	0.1	46.1	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.3	73.8	0.1	45.5	0.2
4/18/2016 14:52	0.2	20.8	2.8	95.0	0.1	46.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.4	96.0	0.1	45.4	0.2
4/18/2016 14:53	0.2	20.8	2.7	93.5	0.1	46.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.3	94.5	0.0	45.7	0.2
4/18/2016 14:54	0.2	20.8	2.5	82.5	0.1	39.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.1	83.4	0.1	39.0	0.2
4/18/2016 14:55	0.2	20.8	2.6	84.5	0.1	48.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	2.1	85.4	0.0	47.3	0.2
4/18/2016 14:56	0.2	20.8	2.6	98.0	0.1	47.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.2	99.0	0.0	46.6	0.2
4/18/2016 14:57	0.2	20.8	2.8	101.5	0.1	49.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.4	102.6	0.1	48.6	0.2
4/18/2016 14:58	0.2	20.8	2.6	97.5	0.1	47.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	98.5	0.0	46.4	0.2
4/18/2016 14:59	0.2	20.8	2.6	91.0	0.1	46.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	92.0	0.0	46.2	0.2
4/18/2016 15:00	0.2	20.8	2.6	101.5	0.1	50.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	102.6	0.1	50.2	0.2
4/18/2016 15:01	0.2	20.8	2.7	103.0	0.1	53.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.2	104.1	0.1	52.6	0.2
4/18/2016 15:02	0.2	20.8	2.8	107.0	0.1	55.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.4	108.1	0.1	54.2	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/18/2016 15:03	0.2	20.8	2.8	103.5	0.1	51.3	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.3	104.6	0.1	50.6	0.2
4/18/2016 15:04	0.2	20.8	2.7	94.5	0.1	49.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.2	95.5	0.1	49.1	0.2
4/18/2016 15:05	0.2	20.8	2.7	93.0	0.1	48.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.2	94.0	0.1	48.2	0.2
4/18/2016 15:06	0.2	20.8	2.6	99.0	0.1	49.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	100.0	0.1	49.0	0.2
4/18/2016 15:07	0.2	20.8	2.1	82.5	0.1	31.3	0.3	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.6	83.4	0.1	30.8	0.3
4/18/2016 15:08	0.2	20.8	1.3	39.5	0.1	21.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	20.9	0.9	39.9	0.1	21.3	0.2
4/18/2016 15:09	0.2	20.9	0.8	18.5	0.1	10.0	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.3	18.7	0.1	9.8	0.2
4/18/2016 15:10	0.2	20.9	0.6	6.0	0.1	7.7	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.1	6.1	0.0	7.6	0.2
4/18/2016 15:11	0.2	20.9	0.4	3.5	0.0	7.4	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.0	3.5	0.0	7.2	0.2
4/18/2016 15:12	0.2	20.9	0.5	5.5	0.1	7.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.0	5.6	0.0	7.4	0.2
4/18/2016 15:13	0.2	20.9	0.5	6.5	0.0	6.5	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.0	6.6	0.0	6.4	0.2
4/18/2016 15:14	0.2	20.9	0.4	4.5	0.0	7.6	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	-0.1	4.5	0.0	7.5	0.2
4/18/2016 15:15	0.2	20.9	0.4	3.5	0.0	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	-0.1	3.5	0.0	8.6	0.2
4/18/2016 15:16	0.2	20.9	0.4	6.5	0.0	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	0.0	6.6	0.0	8.6	0.2
4/18/2016 15:17	0.2	20.9	0.4	4.5	0.0	6.9	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	-0.1	4.5	0.0	6.7	0.2
4/18/2016 15:18	0.2	20.9	0.3	2.5	0.0	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.1	21.0	-0.1	2.5	0.0	8.6	0.2
4/18/2016 15:19	0.2	20.8	1.5	32.5	0.0	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.1	32.8	0.0	8.6	0.2
4/18/2016 15:20	0.3	20.7	2.4	94.0	0.0	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	1.9	95.0	0.0	8.6	0.2
4/18/2016 15:21	0.3	20.7	2.6	107.5	0.1	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.8	2.2	108.6	0.0	8.6	0.2
4/18/2016 15:22	0.3	20.8	2.7	106.5	0.1	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.3	107.6	0.0	8.6	0.2
4/18/2016 15:23	0.3	20.8	2.6	100.0	0.1	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	2.1	101.0	0.0	8.6	0.2
4/18/2016 15:24	0.3	20.8	2.2	88.0	0.1	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.8	88.9	0.0	8.6	0.2
4/18/2016 15:25	0.2	20.8	2.1	87.0	0.1	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.7	87.9	0.0	8.6	0.2
4/18/2016 15:26	0.2	20.8	2.1	87.0	0.1	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.6	87.9	0.0	8.6	0.2
4/18/2016 15:27	0.2	20.8	2.0	81.5	0.1	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.5	82.4	0.0	8.6	0.2
4/18/2016 15:28	0.2	20.8	1.5	74.0	0.1	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.0	74.8	0.0	8.6	0.2
4/18/2016 15:29	0.2	20.8	1.2	52.0	0.1	8.8	0.2	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	0.8	52.5	0.1	8.6	0.2
4/18/2016 15:30	0.2	20.8	1.5	65.5	0.1	8.8	0.3	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	1.1	66.2	0.1	8.6	0.3
4/18/2016 15:31	0.2	20.8	4.2	82.0	0.1	6.8	0.3	Day 1 Testing	0.1	2.5	2.5	0.0	10.9	11.0	0.4	25.5	25.1	0.0	253.8	256.4	0.0	15.0	14.8	0.0	14.7	14.4	1.002	0.2	20.9	3.7	82.9	0.1	6.7	0.3
	0.3	**20.7**	**4.8**	**107.4**	**1.6**	**38.7**	**0.2**	**Day 1 Average**																				**0.2**	**20.8**	**4.4**	**108.5**	**1.6**	**38.1**	**0.2**
4/18/2016 15:32	0.2	20.8	4.3	91.0	0.1	0.0	0.3																												
4/18/2016 15:33	0.2	20.8	3.5	74.5	0.1	0.0	0.3																												
4/18/2016 15:34	0.2	20.8	1.1	233.5	0.1	0.0	0.3																												
4/18/2016 15:35	0.2	20.8	0.5	368.0	0.2	0.0	0.3																												
4/18/2016 15:36	0.2	20.8	0.2	131.5	0.3	0.0	0.3																												
4/18/2016 15:37	0.2	20.8	0.2	34.5	0.2	0.0	0.3																												
4/18/2016 15:38	0.2	20.8	0.2	6.0	0.2	0.0	0.3																												
4/18/2016 15:39	0.2	20.8	0.1	0.5	0.2	0.1	0.3																												
4/18/2016 15:40	0.2	20.8	0.1	0.5	0.2	0.1	0.3																												
4/18/2016 15:41	0.2	20.8	0.2	1.5	0.2	0.1	0.3																												
4/18/2016 15:42	0.2	20.8	0.2	1.0	0.2	0.1	0.3																												
4/18/2016 15:43	0.2	20.8	0.1	0.5	0.2	0.1	0.3																												
4/18/2016 15:44	0.2	20.8	0.2	1.0	0.2	0.1	0.3																												
4/18/2016 15:45	0.2	20.8	0.3	1.5	0.1	0.1	0.2																												
4/18/2016 15:46	0.2	20.8	0.2	2.0	0.1	0.1	0.2																												
4/18/2016 15:47	0.2	20.8	0.2	1.0	0.1	0.1	0.2																												
4/18/2016 15:48	0.2	20.8	0.2	2.5	0.2	0.1	0.2																												
4/18/2016 15:49	0.1	20.8	0.1	1.5	0.1	0.1	0.2																												
4/18/2016 15:50	0.1	20.8	0.1	1.0	0.1	0.1	0.3																												
4/18/2016 15:51	0.2	20.8	0.1	0.5	0.1	0.1	0.3																												
4/18/2016 15:52	0.2	20.8	0.1	0.5	0.1	0.1	0.3																												
4/18/2016 15:53	0.2	20.8	0.1	0.5	0.1	0.0	0.3																												
4/18/2016 15:54	0.2	20.8	0.3	5.0	0.5	0.0	0.3																												
4/18/2016 15:55	0.2	20.8	0.2	4.0	0.2	0.0	0.3																												
4/18/2016 15:56	0.2	20.8	0.1	1.0	0.1	0.0	0.3																												
4/18/2016 15:57	0.2	20.8	0.2	2.0	0.4	0.0	0.3																												
4/18/2016 15:58	0.2	20.8	0.1	3.0	0.2	0.0	0.3																												
4/18/2016 15:59	0.2	20.8	0.2	9.5	0.1	0.0	0.3																												
4/18/2016 16:00	0.2	20.8	0.2	35.5	0.2	0.0	0.3																												

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/18/2016 16:01	0.2	20.8	0.1	4.0	0.1	0.0	0.3																										
4/18/2016 16:02	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:03	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:04	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:05	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:06	0.2	20.8	0.2	0.5	0.1	0.0	0.3																										
4/18/2016 16:07	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:08	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:09	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:10	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:11	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:12	0.2	20.8	0.2	0.5	0.1	0.0	0.3																										
4/18/2016 16:13	0.2	20.8	0.2	0.5	0.1	0.0	0.3																										
4/18/2016 16:14	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:15	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:16	0.2	20.8	0.2	1.5	0.2	0.0	0.3																										
4/18/2016 16:17	0.2	20.8	0.2	3.0	0.2	0.0	0.3																										
4/18/2016 16:18	0.2	20.8	0.1	1.0	0.1	0.0	0.3																										
4/18/2016 16:19	0.2	20.8	0.1	8.0	0.1	0.0	0.3																										
4/18/2016 16:20	0.2	20.8	0.1	2.5	0.1	0.0	0.3																										
4/18/2016 16:21	0.2	20.8	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:22	0.2	20.8	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:23	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:24	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:25	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:26	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:27	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:28	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:29	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:30	0.2	20.9	0.2	0.5	0.1	0.0	0.3																										
4/18/2016 16:31	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:32	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:33	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:34	0.2	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:35	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:36	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:37	0.2	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:38	0.2	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:39	0.2	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:40	0.2	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:41	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:42	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:43	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:44	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:45	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:46	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:47	0.1	20.9	0.2	0.0	0.1	0.0	0.3																										
4/18/2016 16:48	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:49	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:50	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 16:51	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:52	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:53	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:54	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:55	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:56	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:57	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:58	0.1	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 16:59	0.1	20.8	0.1	0.5	0.1	0.0	0.3																										

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/18/2016 17:00	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 17:01	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:02	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:03	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:04	0.1	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:05	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:06	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 17:07	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:08	0.1	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:09	0.2	20.9	0.2	0.5	0.1	0.0	0.3																										
4/18/2016 17:10	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:11	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:12	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:13	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:14	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:15	0.2	20.8	0.2	0.5	0.1	0.0	0.3																										
4/18/2016 17:16	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:17	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:18	0.2	20.8	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 17:19	0.2	20.8	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:20	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:21	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:22	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:23	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:24	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 17:25	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:26	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:27	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:28	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 17:29	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 17:30	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:31	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:32	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:33	0.1	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:34	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 17:35	0.1	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 17:36	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:37	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:38	0.2	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 17:39	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:40	0.2	20.9	0.1	0.5	0.1	0.0	0.3																										
4/18/2016 17:41	0.2	20.9	0.1	0.0	0.1	0.0	0.3																										
4/18/2016 17:42	0.1	20.8	0.7	24.0	0.1	0.0	0.3																										
4/18/2016 17:43	0.1	20.8	0.8	40.0	0.1	0.0	0.3																										
4/18/2016 17:44	0.1	20.8	0.6	1.0	0.0	0.0	0.3																										
4/18/2016 17:45	0.1	20.8	0.6	0.5	0.0	0.0	0.3																										
4/18/2016 17:46	0.1	20.8	0.5	1.0	0.1	0.0	0.3																										
4/18/2016 17:47	0.1	20.8	0.5	0.5	0.0	0.0	0.3																										
4/18/2016 17:48	0.1	20.8	0.5	0.5	0.0	0.0	0.3																										
4/18/2016 17:49	0.1	20.8	0.4	0.5	0.0	0.0	0.3																										
4/18/2016 17:50	0.1	20.9	0.4	0.5	0.0	0.0	0.3																										
4/18/2016 17:51	0.1	21.0	0.4	0.0	0.0	0.0	0.3																										
4/18/2016 17:52	0.1	21.0	0.5	0.5	0.0	0.0	0.3																										
4/18/2016 17:53	0.1	20.9	0.4	0.5	0.0	0.0	0.3																										
4/18/2016 17:54	0.1	20.9	0.4	0.5	0.0	0.0	0.3																										
4/18/2016 17:55	0.1	20.9	0.4	0.0	0.0	0.0	0.3																										
4/18/2016 17:56	0.1	20.9	0.4	0.5	0.0	0.0	0.3																										
4/18/2016 17:57	0.1	21.0	0.4	0.5	0.0	0.0	0.3																										
4/18/2016 17:58	0.1	20.9	0.4	0.5	0.0	0.0	0.3																										

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/18/2016 17:59	0.1	20.9	0.4	0.5	0.0	0.0	0.3																										
4/18/2016 18:00	0.1	20.9	0.4	0.0	0.0	0.0	0.3																										
4/18/2016 18:01	0.1	21.0	0.4	0.0	0.0	0.0	0.3																										
4/18/2016 18:02	0.1	20.9	0.4	0.5	0.0	0.0	0.3																										
4/18/2016 18:03	0.1	20.9	0.4	0.5	0.0	0.0	0.3																										
4/18/2016 18:04	0.1	20.6	0.4	0.5	0.0	0.0	0.3																										
4/18/2016 18:05	7.3	11.7	0.4	3.0	0.0	0.0	0.3																										
4/18/2016 18:06	11.2	11.0	0.3	0.5	0.0	0.0	0.3																										
4/18/2016 18:07	11.2	**11.0**	0.3	0.0	**0.0**	0.0	0.3	**10.98 O2, Zero SO2 Bias Check**																									
4/18/2016 18:08	8.0	2.7	34.5	147.5	0.1	0.0	0.3																										
4/18/2016 18:09	5.1	0.1	50.2	453.0	0.5	0.0	0.3																										
4/18/2016 18:10	4.9	1.2	44.5	485.5	0.5	0.0	0.3																										
4/18/2016 18:11	2.7	0.6	24.3	319.0	0.4	0.0	0.3																										
4/18/2016 18:12	2.6	0.1	25.9	253.0	0.5	0.0	0.3																										
4/18/2016 18:13	2.6	0.1	25.9	253.0	0.5	0.0	0.3																										
4/18/2016 18:14	2.6	0.1	25.9	253.0	0.5	0.0	0.3																										
4/18/2016 18:15	**2.6**	**0.1**	**25.9**	**253.0**	0.5	0.0	0.3	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/18/2016 18:16	2.6	1.7	24.6	251.5	0.5	0.0	0.3																										
4/18/2016 18:17	0.7	20.1	1.3	111.5	0.5	0.0	0.3																										
4/18/2016 18:18	0.1	20.9	0.5	4.0	2.0	0.0	0.3																										
4/18/2016 18:19	0.1	20.9	0.6	0.0	13.4	0.0	0.3																										
4/18/2016 18:20	**0.1**	21.0	**0.7**	**0.0**	**14.9**	**0.0**	0.3	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																									
4/18/2016 18:21	0.1	18.3	0.7	0.0	14.9	3.2	0.3																										
4/18/2016 18:22	0.1	0.5	0.7	0.5	7.0	14.6	0.3																										
4/18/2016 18:23	0.1	0.1	0.6	0.5	3.1	14.6	0.3																										
4/18/2016 18:24	0.1	0.1	0.5	0.5	1.8	**14.6**	0.3	**14.4 C3H8 Bias Check**																									
4/18/2016 18:25	0.1	0.1	0.5	0.5	1.1	10.9	0.3																										
4/18/2016 18:26	0.1	0.1	0.5	0.0	0.8	0.0	0.3																										
4/18/2016 18:27	0.1	0.1	0.4	0.0	0.6	0.0	4.4																										
4/18/2016 18:28	0.1	0.1	0.4	0.0	0.5	0.0	**9.3**	**9.98 H2S Bias Check**																									
4/18/2016 18:29	0.1	4.7	0.4	0.0	0.3	0.0	3.9																										
4/18/2016 18:30	0.1	20.7	0.4	0.5	0.3	0.0	0.3																										
4/18/2016 18:31	0.1	20.9	0.3	0.5	0.3	0.0	0.4																										
4/18/2016 18:32	0.1	20.9	0.3	0.0	0.2	0.0	0.4																										
4/18/2016 18:33	0.1	20.9	0.3	0.0	0.2	0.0	0.3																										
4/18/2016 18:34	0.1	20.9	0.2	0.0	0.2	0.0	0.3																										
4/18/2016 18:35	0.1	20.9	0.2	0.0	0.1	0.0	0.3																										
4/18/2016 18:36	0.1	20.9	0.2	0.0	0.1	0.0	0.3																										
4/18/2016 18:37	0.1	20.9	0.2	0.5	0.1	0.0	0.3																										
4/18/2016 18:38	0.1	20.9	0.2	0.5	0.1	0.0	0.3																										
4/18/2016 18:39	0.1	20.9	0.2	0.0	0.1	0.0	0.3																										
4/18/2016 18:40	0.1	20.9	0.2	0.0	0.1	0.0	0.3																										
4/18/2016 18:41	0.1	20.9	0.2	0.0	0.1	0.0	0.3																										
4/18/2016 18:42	0.1	20.9	0.2	0.0	0.1	0.0	0.3																										
4/18/2016 18:43	0.1	20.9	0.2	0.0	0.1	0.0	0.3																										
4/18/2016 18:44	0.1	20.9	0.2	0.5	0.1	0.0	0.3																										
4/19/2016 7:15	0.2	20.9	0.1	0.5	0.0	3.2	0.1																										
4/19/2016 7:16	1.0	19.4	0.2	0.0	0.0	3.0	0.0																										
4/19/2016 7:17	0.2	20.9	0.1	0.0	0.0	2.6	0.0																										
4/19/2016 7:18	0.2	20.9	0.1	0.0	0.0	2.6	0.0																										
4/19/2016 7:19	0.2	20.9	0.1	0.5	0.0	2.9	0.0																										
4/19/2016 7:20	0.2	20.9	0.1	0.5	0.0	3.0	0.0																										
4/19/2016 7:21	1.7	16.8	0.1	0.0	0.0	2.7	0.0																										
4/19/2016 7:22	10.9	11.0	0.0	0.0	0.0	2.1	0.0																										
4/19/2016 7:23	11.3	**11.0**	0.0	0.0	**0.0**	1.7	0.0	**10.98 O2, Zero SO2 Bias Check**																									
4/19/2016 7:24	9.8	6.9	7.7	20.5	0.0	1.9	0.0																										
4/19/2016 7:25	3.0	0.1	25.3	188.5	0.3	2.0	0.3																										
4/19/2016 7:26	2.7	0.0	25.5	250.5	0.4	1.8	0.4																										
4/19/2016 7:27	2.7	0.0	25.6	252.5	0.4	1.7	0.5																										

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/19/2016 7:28	2.6	0.0	25.7	252.5	0.4	1.5	0.5																										
4/19/2016 7:29	2.6	0.0	25.7	252.5	0.4	1.4	0.6																										
4/19/2016 7:30	**2.6**	**0.0**	**25.7**	**252.5**	0.4	1.3	0.6	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/19/2016 7:31	2.7	0.5	25.3	252.0	0.4	-0.2	0.6																										
4/19/2016 7:32	0.9	19.3	2.4	128.5	1.0	-0.7	0.6																										
4/19/2016 7:33	0.2	20.9	0.2	5.5	6.9	-0.7	0.6																										
4/19/2016 7:34	0.2	20.9	0.2	0.0	11.3	0.5	0.6																										
4/19/2016 7:35	0.2	20.9	0.1	0.0	13.4	1.5	0.6																										
4/19/2016 7:36	0.2	20.9	0.1	0.0	14.3	-0.2	0.6																										
4/19/2016 7:37	**0.2**	20.9	**0.1**	**0.0**	**14.9**	**-0.1**	0.6	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																									
4/19/2016 7:38	0.2	17.7	0.1	0.0	15.1	0.6	0.6																										
4/19/2016 7:39	0.2	0.3	0.1	0.0	10.4	0.8	0.6																										
4/19/2016 7:40	0.2	0.0	0.1	0.0	4.5	7.5	0.6																										
4/19/2016 7:41	0.2	0.0	0.1	0.0	2.6	14.4	0.8																										
4/19/2016 7:42	0.2	0.1	0.1	0.0	1.8	14.4	0.8																										
4/19/2016 7:43	0.4	0.1	0.3	0.5	1.6	**14.4**	0.8	**14.4 C3H8 Bias Check**																									
4/19/2016 7:44	9.2	11.1	0.2	0.5	1.5	10.4	0.8																										
4/19/2016 7:45	10.6	10.1	0.3	0.5	1.2	0.1	0.8																										
4/19/2016 7:46	10.6	10.9	0.2	0.5	1.0	0.1	0.8																										
4/19/2016 7:47	11.3	11.0	0.2	0.0	0.9	0.1	0.8																										
4/19/2016 7:48	11.4	11.0	0.2	0.0	0.8	0.1	0.8																										
4/19/2016 7:49	11.3	11.6	0.2	0.0	0.6	0.1	0.7																										
4/19/2016 7:50	2.6	20.4	0.3	0.5	0.7	0.1	0.7																										
4/19/2016 7:51	0.1	2.6	0.4	0.5	0.1	0.1	5.6																										
4/19/2016 7:52	0.0	1.0	0.3	0.5	0.1	0.1	**9.7**	**9.98 H2S Bias Check**																									
4/19/2016 7:53	0.0	10.7	0.3	0.5	0.1	0.1	4.2																										
4/19/2016 7:54	0.1	20.8	0.4	0.5	0.1	0.1	0.0																										
4/19/2016 7:55	0.1	20.8	0.4	0.5	0.1	0.1	0.0																										
4/19/2016 7:56	0.1	20.8	0.4	0.5	0.1	0.1	0.0																										
4/19/2016 7:57	0.2	20.9	0.2	0.5	0.4	0.1	0.4																										
4/19/2016 7:58	0.2	20.9	0.2	0.5	0.4	0.1	0.4																										
4/19/2016 7:59	0.2	20.9	0.2	0.5	0.4	0.1	0.4																										
4/19/2016 8:00	0.2	20.9	0.1	0.5	0.3	0.1	0.4	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.9	-0.4	-5.1	0.1	0.1	0.4
4/19/2016 8:01	0.2	20.9	0.1	0.5	0.3	0.1	0.4	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	-0.4	-5.1	0.1	0.1	0.4
4/19/2016 8:02	0.2	20.9	0.1	0.5	0.3	0.1	0.4	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	-0.4	-5.1	0.1	0.1	0.4
4/19/2016 8:03	0.2	6.2	0.1	0.5	0.3	0.1	0.4	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	6.2	-0.4	-5.1	0.1	0.1	0.4
4/19/2016 8:04	0.2	6.5	0.1	0.5	0.3	0.1	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	6.4	-0.4	-5.1	0.1	0.1	0.4
4/19/2016 8:05	0.2	20.7	0.1	0.5	0.2	0.1	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	-0.4	-5.1	0.0	0.1	0.3
4/19/2016 8:06	0.2	20.9	0.1	0.5	0.2	-1.3	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	-0.4	-5.1	0.0	-1.3	0.3
4/19/2016 8:07	0.2	20.9	0.1	1.0	0.2	0.2	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	-0.4	-4.6	0.0	0.2	0.3
4/19/2016 8:08	0.2	20.9	0.2	1.0	0.2	0.2	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	-0.3	-4.6	0.0	0.2	0.3
4/19/2016 8:09	0.2	20.9	0.2	1.0	0.2	0.2	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	-0.3	-4.6	0.0	0.2	0.3
4/19/2016 8:10	0.2	20.9	0.2	1.0	0.2	0.2	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	-0.3	-4.6	0.0	0.2	0.3
4/19/2016 8:11	0.2	20.9	0.1	1.0	0.2	0.1	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	-0.4	-4.6	0.0	0.1	0.3
4/19/2016 8:12	0.1	19.6	0.1	1.0	0.2	0.1	0.3	Changing Filter																									
4/19/2016 8:13	0.1	0.9	0.1	1.0	0.2	0.1	0.3	Changing Filter																									
4/19/2016 8:14	0.1	0.1	0.1	1.0	0.2	0.1	0.3	Changing Filter																									
4/19/2016 8:15	0.1	0.0	0.1	1.0	0.2	0.1	0.2	Changing Filter																									
4/19/2016 8:16	0.1	0.0	0.1	1.5	0.2	8.7	0.2	Changing Filter																									
4/19/2016 8:17	0.1	0.0	0.1	1.5	0.2	14.1	0.2	Changing Filter																									
4/19/2016 8:18	0.1	0.0	0.1	1.5	0.1	14.1	0.2	Changing Filter																									
4/19/2016 8:19	4.7	8.0	0.1	1.5	0.1	6.2	0.2	Changing Filter																									
4/19/2016 8:20	9.1	14.8	0.1	1.5	0.1	-0.1	0.1	Changing Filter																									
4/19/2016 8:21	0.4	20.8	0.1	1.5	0.1	0.5	0.2	Changing Filter																									
4/19/2016 8:22	0.1	20.9	0.1	2.0	0.1	0.2	0.2	Changing Filter																									
4/19/2016 8:23	0.1	20.9	0.1	2.0	0.1	0.1	0.2	Changing Filter																									
4/19/2016 8:24	0.1	20.9	0.1	2.0	0.1	0.1	0.2	Changing Filter																									
4/19/2016 8:25	0.1	20.9	0.1	2.0	0.1	0.1	0.2	Changing Filter																									

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/19/2016 8:26	0.1	20.9	0.1	2.0	0.1	0.1	0.2	Changing Filter																									
4/19/2016 8:27	0.1	20.9	0.1	2.0	0.1	0.1	0.2	Changing Filter																									
4/19/2016 8:28	0.2	20.9	0.4	7.0	0.1	0.1	0.2	Changing Filter																									
4/19/2016 8:29	0.2	20.8	0.8	30.0	0.1	0.1	0.2	Changing Filter																									
4/19/2016 8:30	0.2	20.8	1.0	42.5	0.1	0.1	0.2	Changing Filter																									
4/19/2016 8:31	0.4	14.5	0.8	37.0	0.1	0.1	0.2	Changing Filter																									
4/19/2016 8:32	0.3	10.2	0.5	14.0	0.1	-0.6	0.1	Changing Filter																									
4/19/2016 8:33	0.2	20.8	1.1	34.5	0.1	0.2	0.1	Changing Filter																									
4/19/2016 8:34	0.2	20.9	0.9	36.0	0.1	0.1	0.1	Changing Filter																									
4/19/2016 8:35	0.2	20.8	0.8	28.5	0.1	0.1	0.1	Changing Filter																									
4/19/2016 8:36	0.2	20.9	0.8	20.0	0.1	0.1	0.1	Changing Filter																									
4/19/2016 8:37	0.2	20.8	0.9	32.0	0.1	0.1	0.1	Changing Filter																									
4/19/2016 8:38	0.2	20.9	0.9	35.5	0.1	0.1	0.1	Changing Filter																									
4/19/2016 8:39	0.2	20.9	0.9	36.0	0.1	0.1	0.2	Changing Filter																									
4/19/2016 8:40	0.2	20.8	1.0	36.5	0.1	0.1	0.3	Changing Filter																									
4/19/2016 8:41	0.2	20.9	1.0	38.5	0.1	0.1	0.2	Changing Filter																									
4/19/2016 8:42	0.2	20.9	1.0	38.5	0.1	6.8	0.1	Changing Filter																									
4/19/2016 8:43	0.2	12.7	0.8	36.5	0.1	24.9	0.1	Changing Filter																									
4/19/2016 8:44	0.1	0.8	0.4	13.0	0.1	18.7	0.1	Changing Filter																									
4/19/2016 8:45	0.1	13.1	0.8	14.5	0.1	17.2	0.1	Changing Filter																									
4/19/2016 8:46	0.2	20.8	1.3	47.5	0.1	17.2	0.1	Changing Filter																									
4/19/2016 8:47	0.2	20.8	1.2	46.5	0.1	15.7	0.1	Changing Filter																									
4/19/2016 8:48	0.2	20.8	1.1	44.0	0.1	15.3	0.3	Changing Filter																									
4/19/2016 8:49	0.2	20.9	0.9	37.0	0.1	14.2	0.1	Changing Filter																									
4/19/2016 8:50	0.2	20.9	1.0	38.5	0.1	14.6	0.1	Changing Filter																									
4/19/2016 8:51	0.2	20.9	1.0	37.0	0.1	15.4	0.0	Changing Filter																									
4/19/2016 8:52	0.2	20.9	1.2	46.5	0.1	16.6	0.0	Changing Filter																									
4/19/2016 8:53	0.2	20.9	1.0	37.5	0.1	13.3	0.0	Changing Filter																									
4/19/2016 8:54	0.2	20.9	0.9	31.0	0.1	12.8	0.0	Changing Filter																									
4/19/2016 8:55	0.1	20.9	0.9	31.0	0.1	13.1	0.0	Changing Filter																									
4/19/2016 8:56	0.1	20.9	1.0	33.5	0.1	13.7	0.0	Changing Filter																									
4/19/2016 8:57	0.1	20.8	1.0	36.5	0.1	14.0	0.0	Changing Filter																									
4/19/2016 8:58	0.4	18.7	0.9	35.5	0.1	11.6	0.0	Changing Filter																									
4/19/2016 8:59	8.7	11.7	0.4	16.0	0.1	3.0	0.0	Changing Filter																									
4/19/2016 9:00	9.0	8.3	0.4	5.0	0.1	6.6	0.0	Changing Filter																									
4/19/2016 9:01	0.5	7.3	0.4	6.0	0.1	11.4	0.0	Changing Filter																									
4/19/2016 9:02	0.1	20.7	0.7	23.5	0.1	12.7	0.0	Changing Filter																									
4/19/2016 9:03	0.1	20.8	0.8	32.0	0.1	11.9	0.0	Changing Filter																									
4/19/2016 9:04	0.1	20.9	0.8	34.0	0.1	13.9	0.0	Changing Filter																									
4/19/2016 9:05	0.1	20.8	0.8	35.0	0.1	12.4	0.0	Changing Filter																									
4/19/2016 9:06	0.1	20.9	0.7	29.5	0.1	12.2	0.0	Changing Filter																									
4/19/2016 9:07	0.1	20.9	0.8	35.0	0.1	13.6	0.0	Changing Filter																									
4/19/2016 9:08	0.1	20.9	0.9	36.0	0.1	13.1	0.0	Changing Filter																									
4/19/2016 9:09	0.1	20.6	0.9	35.0	0.1	13.2	0.0	Changing Filter																									
4/19/2016 9:10	0.1	2.6	0.4	25.0	0.1	2.1	5.6	Changing Filter																									
4/19/2016 9:11	0.0	1.0	0.3	6.0	0.1	1.2	7.7	Changing Filter																									
4/19/2016 9:12	0.0	10.7	0.3	6.0	0.1	2.5	4.2	Changing Filter																									
4/19/2016 9:13	0.1	20.8	0.4	13.0	0.1	2.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	-0.1	7.7	-0.1	2.9	0.0
4/19/2016 9:14	0.1	20.8	0.4	14.0	0.1	6.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	-0.1	8.7	-0.1	6.0	0.0
4/19/2016 9:15	0.1	20.8	0.4	19.0	0.1	4.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	-0.1	13.8	-0.1	4.5	0.0
4/19/2016 9:16	0.1	20.9	0.3	15.0	0.1	2.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	-0.2	9.7	-0.1	2.4	0.0
4/19/2016 9:17	0.1	20.8	0.4	14.5	0.1	7.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	-0.1	9.2	-0.1	7.2	0.0
4/19/2016 9:18	0.1	20.8	0.7	31.0	0.1	13.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	26.1	-0.1	13.9	0.0
4/19/2016 9:19	0.1	20.8	0.7	38.0	0.1	11.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	33.3	-0.1	11.8	0.0
4/19/2016 9:20	0.1	20.8	0.7	32.5	0.1	10.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	27.7	-0.1	10.8	0.0
4/19/2016 9:21	0.1	20.8	0.7	30.0	0.1	9.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	25.1	-0.1	9.9	0.0
4/19/2016 9:22	0.1	20.9	0.7	30.5	0.1	12.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	25.6	-0.1	12.5	0.0
4/19/2016 9:23	0.1	20.9	0.6	32.0	0.0	8.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.1	27.2	-0.2	8.3	0.0
4/19/2016 9:24	0.1	20.9	0.6	25.0	0.0	12.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.1	20.0	-0.2	12.4	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																		Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/19/2016 9:25	0.1	20.9	0.7	34.5	0.0	11.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	29.7	-0.2	11.9	0.0
4/19/2016 9:26	0.1	20.8	0.7	35.0	0.0	13.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	30.2	-0.2	13.5	0.0
4/19/2016 9:27	0.1	20.8	0.8	38.5	0.1	15.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	33.8	-0.1	15.4	0.0
4/19/2016 9:28	0.1	20.9	0.7	34.0	0.0	12.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	29.2	-0.2	12.2	0.0
4/19/2016 9:29	0.1	20.9	0.8	36.5	0.1	14.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	31.8	-0.1	14.6	0.0
4/19/2016 9:30	0.1	20.8	0.8	38.5	0.1	12.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	33.8	-0.1	12.7	0.0
4/19/2016 9:31	0.1	20.9	0.8	35.0	0.1	12.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	30.2	-0.1	12.3	0.0
4/19/2016 9:32	0.1	20.8	0.9	34.0	0.0	13.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.4	29.2	-0.2	13.5	0.0
4/19/2016 9:33	0.1	20.8	0.8	40.0	0.1	17.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	35.3	-0.1	17.7	0.0
4/19/2016 9:34	0.1	20.8	0.9	40.5	0.1	14.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.4	35.9	-0.1	14.5	0.0
4/19/2016 9:35	0.1	20.8	0.8	36.5	0.1	15.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	31.8	-0.1	15.9	0.0
4/19/2016 9:36	0.1	20.9	0.7	35.5	0.1	12.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	30.7	-0.1	12.1	0.0
4/19/2016 9:37	0.1	20.9	0.7	35.0	0.1	15.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	30.2	-0.1	15.7	0.0
4/19/2016 9:38	0.1	20.9	0.8	39.5	0.1	14.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	34.8	-0.1	15.0	0.0
4/19/2016 9:39	0.1	20.9	0.7	33.0	0.1	10.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	28.2	-0.1	11.0	0.0
4/19/2016 9:40	0.1	20.9	0.7	29.5	0.1	13.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	24.6	-0.1	13.4	0.0
4/19/2016 9:41	0.1	20.8	0.8	37.5	0.1	15.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	32.8	-0.1	15.5	0.0
4/19/2016 9:42	0.1	20.8	0.9	43.5	0.1	17.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.4	38.9	-0.1	17.9	0.0
4/19/2016 9:43	0.1	20.8	0.9	44.5	0.0	19.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.4	40.0	-0.2	20.0	0.0
4/19/2016 9:44	0.1	20.8	0.9	47.0	0.1	17.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.4	42.5	-0.1	17.7	0.0
4/19/2016 9:45	0.1	20.8	0.9	44.0	0.1	18.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.4	39.4	-0.1	18.3	0.0
4/19/2016 9:46	0.1	20.8	0.8	43.5	0.1	13.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	38.9	-0.1	13.7	0.0
4/19/2016 9:47	0.1	20.8	0.8	31.5	0.0	11.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	26.6	-0.2	11.5	0.0
4/19/2016 9:48	0.1	20.9	0.7	34.0	0.0	13.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	29.2	-0.2	13.2	0.0
4/19/2016 9:49	0.1	20.9	0.6	31.0	0.0	10.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.1	26.1	-0.2	10.8	0.0
4/19/2016 9:50	0.1	20.9	0.6	31.0	0.0	12.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.1	26.1	-0.2	12.1	0.0
4/19/2016 9:51	0.1	20.9	0.7	30.5	0.0	11.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	25.6	-0.2	11.8	0.0
4/19/2016 9:52	0.1	20.9	0.7	32.5	0.0	12.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	27.7	-0.2	12.4	0.0
4/19/2016 9:53	0.1	20.9	0.7	30.5	0.0	10.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	25.6	-0.2	11.0	0.0
4/19/2016 9:54	0.1	20.8	0.7	30.0	0.0	11.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	25.1	-0.2	11.9	0.0
4/19/2016 9:55	0.1	20.8	0.8	35.0	0.0	15.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	30.2	-0.2	15.6	0.0
4/19/2016 9:56	0.1	20.8	0.8	40.0	0.0	16.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	35.3	-0.2	16.1	0.0
4/19/2016 9:57	0.1	20.9	0.7	35.0	0.0	10.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	30.2	-0.2	10.4	0.0
4/19/2016 9:58	0.1	20.9	0.7	32.0	0.0	15.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	27.2	-0.2	15.5	0.0
4/19/2016 9:59	0.1	20.9	0.6	32.0	0.0	9.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.1	27.2	-0.2	9.4	0.0
4/19/2016 10:00	0.1	20.9	0.5	23.5	0.0	8.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.0	18.4	-0.2	8.4	0.0
4/19/2016 10:01	0.1	20.9	0.5	19.5	0.0	5.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.0	14.3	-0.2	5.9	0.0
4/19/2016 10:02	0.1	20.9	0.5	17.5	0.0	4.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	0.0	12.3	-0.2	4.5	0.0
4/19/2016 10:03	0.0	20.9	0.4	15.5	0.0	4.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	-0.1	10.2	-0.2	4.0	0.0
4/19/2016 10:04	0.1	20.9	0.4	15.0	0.0	3.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	-0.1	9.7	-0.2	3.8	0.0
4/19/2016 10:05	0.1	20.9	0.5	18.5	0.0	7.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	0.0	13.3	-0.2	7.6	0.0
4/19/2016 10:06	0.1	20.9	0.5	27.5	0.0	9.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.0	22.5	-0.2	9.0	0.0
4/19/2016 10:07	0.1	20.9	0.4	21.0	0.0	4.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	-0.1	15.9	-0.2	4.9	0.0
4/19/2016 10:08	0.1	20.9	0.4	17.5	0.0	0.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	-0.1	12.3	-0.2	0.4	0.0
4/19/2016 10:09	0.1	20.9	0.4	18.0	0.0	3.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	-0.1	12.8	-0.2	3.0	0.0
4/19/2016 10:10	0.1	20.9	0.4	17.0	0.0	4.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	-0.1	11.8	-0.2	4.5	0.0
4/19/2016 10:11	0.1	20.9	0.4	19.5	0.0	7.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	-0.1	14.3	-0.2	7.1	0.0
4/19/2016 10:12	0.1	20.9	0.6	29.5	0.0	10.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.1	24.6	-0.2	10.7	0.0
4/19/2016 10:13	0.1	20.9	0.5	28.5	0.0	6.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.0	23.6	-0.2	6.9	0.0
4/19/2016 10:14	0.1	20.9	0.5	24.0	0.0	9.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.0	19.0	-0.2	9.5	0.0
4/19/2016 10:15	0.1	20.9	0.6	33.0	0.0	11.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	28.2	-0.2	12.0	0.0
4/19/2016 10:16	0.1	20.9	0.6	31.5	0.0	8.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	26.6	-0.2	8.2	0.0
4/19/2016 10:17	0.1	20.9	0.6	27.0	0.0	10.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	22.0	-0.2	10.6	0.0
4/19/2016 10:18	0.2	20.9	0.6	32.5	0.0	9.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	27.7	-0.2	9.9	0.0
4/19/2016 10:19	0.1	20.9	0.4	22.0	0.0	5.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	-0.1	16.9	-0.2	5.0	0.0
4/19/2016 10:20	0.1	20.9	0.5	19.0	0.0	5.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	0.0	13.8	-0.2	5.0	0.0
4/19/2016 10:21	0.1	20.9	0.4	19.5	0.0	6.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	-0.1	14.3	-0.2	6.4	0.0
4/19/2016 10:22	0.1	20.8	0.8	28.5	0.0	13.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.3	23.6	-0.2	14.0	0.0
4/19/2016 10:23	0.2	20.8	1.0	39.0	0.0	12.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.5	34.3	-0.2	12.5	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/19/2016 10:24	0.2	20.8	1.1	39.0	0.0	16.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.6	34.3	-0.2	16.1	0.0
4/19/2016 10:25	0.2	20.8	1.0	42.5	0.0	13.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.5	37.9	-0.2	13.5	0.0
4/19/2016 10:26	0.2	20.9	0.8	36.5	0.0	8.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.3	31.8	-0.2	8.8	0.0
4/19/2016 10:27	0.1	20.9	0.6	22.5	0.0	7.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.1	17.4	-0.2	7.7	0.0
4/19/2016 10:28	0.1	20.9	0.7	29.5	0.0	12.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.2	24.6	-0.2	12.2	0.0
4/19/2016 10:29	0.1	20.9	0.6	29.5	0.1	5.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	24.6	-0.1	5.7	0.0
4/19/2016 10:30	0.1	20.9	0.5	19.5	0.1	6.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	0.0	14.3	-0.1	6.5	0.0
4/19/2016 10:31	0.1	20.9	0.6	26.5	0.1	12.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	21.5	-0.1	12.2	0.0
4/19/2016 10:32	0.1	20.9	0.5	30.0	0.0	7.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.0	25.1	-0.2	7.0	0.0
4/19/2016 10:33	0.1	20.9	0.5	23.0	0.0	6.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.0	17.9	-0.2	6.8	0.0
4/19/2016 10:34	0.1	20.9	0.4	21.0	0.1	6.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	-0.1	15.9	-0.1	7.0	0.0
4/19/2016 10:35	0.1	20.9	0.5	22.5	0.1	7.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.0	17.4	-0.1	7.4	0.0
4/19/2016 10:36	0.1	20.9	0.5	24.0	0.0	7.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.0	19.0	-0.2	7.9	0.0
4/19/2016 10:37	0.1	20.9	0.5	25.0	0.1	5.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	0.0	20.0	-0.1	5.6	0.0
4/19/2016 10:38	0.1	20.9	0.5	23.5	0.1	5.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.0	18.4	-0.1	5.9	0.0
4/19/2016 10:39	0.1	20.9	0.4	20.0	0.1	3.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	-0.1	14.9	-0.1	3.1	0.0
4/19/2016 10:40	0.1	20.9	0.4	19.5	0.0	3.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	-0.1	14.3	-0.2	3.7	0.0
4/19/2016 10:41	0.1	20.9	0.3	18.5	0.1	2.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	-0.2	13.3	-0.1	2.3	0.0
4/19/2016 10:42	0.1	20.9	0.4	20.0	0.1	4.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	-0.1	14.9	-0.1	4.1	0.0
4/19/2016 10:43	0.1	20.9	0.3	18.5	0.1	2.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	-0.2	13.3	-0.1	2.8	0.0
4/19/2016 10:44	0.1	20.9	0.4	18.5	0.0	4.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	-0.1	13.3	-0.2	4.6	0.0
4/19/2016 10:45	0.1	20.9	0.6	27.0	0.0	6.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	22.0	-0.2	6.1	0.0
4/19/2016 10:46	0.1	20.9	0.5	25.5	0.1	3.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.0	20.5	-0.1	3.0	0.0
4/19/2016 10:47	0.2	20.7	1.6	29.0	0.0	8.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	1.1	24.1	-0.2	8.4	0.0
4/19/2016 10:48	0.5	20.4	4.7	68.0	0.1	11.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.3	4.1	64.0	-0.1	11.3	0.0
4/19/2016 10:49	0.6	20.3	6.1	87.5	0.1	10.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.5	20.3	5.4	84.0	-0.1	10.7	0.0
4/19/2016 10:50	0.5	20.4	5.1	95.5	0.1	14.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.4	20.4	4.5	92.2	-0.1	14.2	0.0
4/19/2016 10:51	0.4	20.5	4.7	99.5	0.1	17.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.5	4.1	96.3	-0.1	17.6	0.0
4/19/2016 10:52	0.5	20.4	5.5	120.5	0.2	25.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.4	4.9	117.8	0.0	25.4	0.0
4/19/2016 10:53	0.4	20.5	3.7	138.0	0.3	30.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	3.1	135.8	0.1	30.3	0.0
4/19/2016 10:54	0.4	20.6	3.8	103.0	0.4	10.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.5	3.2	99.9	0.2	11.0	0.0
4/19/2016 10:55	0.3	20.6	3.7	64.0	0.4	13.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.1	59.9	0.2	14.1	0.0
4/19/2016 10:56	0.3	20.7	2.9	74.5	0.4	8.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.4	70.7	0.2	8.7	0.0
4/19/2016 10:57	0.2	20.7	2.9	66.0	0.3	11.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	2.4	62.0	0.1	11.8	0.0
4/19/2016 10:58	0.1	20.8	1.8	46.5	0.3	5.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	1.2	42.0	0.1	5.9	0.0
4/19/2016 10:59	0.1	20.9	1.3	22.0	0.2	3.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	0.8	16.9	0.0	3.0	0.0
4/19/2016 11:00	0.1	20.9	1.2	16.5	0.1	2.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.7	11.3	-0.1	2.7	0.0
4/19/2016 11:01	0.1	20.9	1.1	15.0	0.1	2.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	0.6	9.7	-0.1	2.1	0.0
4/19/2016 11:02	0.1	20.9	1.1	15.0	0.1	2.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	0.6	9.7	-0.1	2.9	0.0
4/19/2016 11:03	0.1	20.9	1.0	17.0	0.1	2.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.5	11.8	-0.1	2.1	0.0
4/19/2016 11:04	0.1	20.9	0.9	15.0	0.1	1.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.4	9.7	-0.1	1.7	0.0
4/19/2016 11:05	0.1	20.9	0.9	16.5	0.1	1.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.4	11.3	-0.1	1.5	0.0
4/19/2016 11:06	0.1	20.9	0.8	14.5	0.1	0.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	0.3	9.2	-0.1	0.5	0.0
4/19/2016 11:07	0.1	20.9	0.8	13.0	0.1	0.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	0.3	7.7	-0.1	0.8	0.0
4/19/2016 11:08	0.1	20.9	0.8	15.5	0.1	1.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	10.2	-0.1	1.9	0.0
4/19/2016 11:09	0.1	20.9	0.7	18.5	0.1	1.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	13.3	-0.1	1.2	0.0
4/19/2016 11:10	0.1	20.9	0.8	20.5	0.1	4.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	15.4	-0.1	4.0	0.0
4/19/2016 11:11	0.1	20.9	0.7	19.5	0.1	2.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	14.3	-0.1	2.3	0.0
4/19/2016 11:12	0.1	20.9	0.8	21.5	0.1	2.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	16.4	-0.1	2.0	0.0
4/19/2016 11:13	0.1	20.9	0.7	18.5	0.1	2.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	13.3	-0.1	2.6	0.0
4/19/2016 11:14	0.1	20.9	0.7	20.5	0.1	2.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	0.2	15.4	-0.1	2.1	0.0
4/19/2016 11:15	0.1	20.9	0.7	23.0	0.1	6.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	17.9	-0.1	6.1	0.0
4/19/2016 11:16	0.1	20.8	0.8	35.0	0.1	6.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.3	30.2	-0.1	6.9	0.0
4/19/2016 11:17	0.1	20.9	0.7	31.5	0.1	4.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.2	26.6	-0.1	4.2	0.0
4/19/2016 11:18	0.1	20.9	0.6	22.5	0.1	3.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	0.1	17.4	-0.1	3.5	0.0
4/19/2016 11:19	0.1	20.9	0.6	24.5	0.1	3.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.1	19.5	-0.1	3.2	0.0
4/19/2016 11:20	0.1	20.9	0.5	21.0	0.1	3.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	0.0	15.9	-0.1	3.4	0.0
4/19/2016 11:21	0.1	20.9	0.5	19.0	0.1	2.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.9	0.0	13.8	-0.1	2.1	0.0
4/19/2016 11:22	0.1	20.9	0.5	20.0	0.1	4.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	0.0	14.9	-0.1	4.2	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/19/2016 11:23	0.2	20.9	0.6	28.0	0.1	6.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	23.1	-0.1	6.3	0.0
4/19/2016 11:24	0.2	20.9	0.6	31.5	0.1	6.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	26.6	-0.1	6.0	0.0
4/19/2016 11:25	0.2	20.9	0.5	28.0	0.1	3.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.0	23.1	-0.1	3.9	0.0
4/19/2016 11:26	0.2	20.9	0.6	28.5	0.1	8.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	23.6	-0.1	8.4	0.0
4/19/2016 11:27	0.2	20.8	0.8	36.0	0.1	8.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.3	31.2	-0.1	8.8	0.0
4/19/2016 11:28	0.2	20.9	0.8	37.0	0.1	8.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.3	32.3	-0.1	8.6	0.0
4/19/2016 11:29	0.2	20.9	0.6	31.0	0.1	5.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	26.1	-0.1	5.6	0.0
4/19/2016 11:30	0.2	20.9	0.6	27.0	0.1	4.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	22.0	-0.1	4.7	0.0
4/19/2016 11:31	0.2	20.9	0.5	19.5	0.1	2.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	0.0	14.3	-0.1	2.2	0.0
4/19/2016 11:32	0.2	20.9	0.5	19.5	0.1	2.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	0.0	14.3	-0.1	2.5	0.0
4/19/2016 11:33	0.2	20.9	0.4	17.5	0.1	3.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	-0.1	12.3	-0.1	3.3	0.0
4/19/2016 11:34	0.2	20.9	0.5	26.0	0.1	5.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.0	21.0	-0.1	5.3	0.0
4/19/2016 11:35	0.2	20.9	0.5	27.5	0.1	4.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	0.0	22.5	-0.1	4.3	0.0
4/19/2016 11:36	0.2	20.9	0.5	23.0	0.1	8.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	0.0	17.9	-0.1	8.9	0.0
4/19/2016 11:37	0.2	20.9	0.6	38.0	0.1	6.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	33.3	-0.1	6.1	0.0
4/19/2016 11:38	0.2	20.9	0.5	25.0	0.1	4.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.0	20.0	-0.1	4.9	0.0
4/19/2016 11:39	0.2	20.9	0.5	22.0	0.1	4.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	0.0	16.9	-0.1	5.0	0.0
4/19/2016 11:40	0.2	20.9	0.5	24.5	0.1	5.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.0	19.5	-0.1	5.0	0.0
4/19/2016 11:41	0.2	20.9	0.4	22.5	0.1	1.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	-0.1	17.4	-0.1	1.8	0.0
4/19/2016 11:42	0.2	20.9	0.4	16.0	0.1	0.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.9	-0.1	10.8	-0.1	0.7	0.0
4/19/2016 11:43	0.2	20.9	0.6	21.5	0.1	7.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	16.4	-0.1	7.2	0.0
4/19/2016 11:44	0.2	20.9	0.6	29.5	0.1	6.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	24.6	-0.1	6.3	0.0
4/19/2016 11:45	0.2	20.9	0.6	28.0	0.1	9.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.1	23.1	-0.1	9.6	0.0
4/19/2016 11:46	0.2	20.9	0.7	36.5	0.1	9.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.2	31.8	-0.1	9.5	0.0
4/19/2016 11:47	0.2	20.8	0.9	42.0	0.1	18.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.4	37.4	-0.1	18.5	0.0
4/19/2016 11:48	0.2	20.8	1.1	63.5	0.1	21.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.6	59.4	-0.1	21.2	0.0
4/19/2016 11:49	0.2	20.8	1.1	61.0	0.1	13.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.6	56.9	-0.1	13.6	0.0
4/19/2016 11:50	0.2	20.9	0.8	37.0	0.1	7.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.3	32.3	-0.1	8.0	0.0
4/19/2016 11:51	0.2	20.8	0.9	33.5	0.1	12.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.4	28.7	-0.1	12.2	0.0
4/19/2016 11:52	0.2	20.8	1.3	56.5	0.1	21.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.8	52.3	-0.1	22.0	0.0
4/19/2016 11:53	0.2	20.8	1.2	58.5	0.1	12.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.7	54.3	-0.1	12.3	0.0
4/19/2016 11:54	0.2	20.8	1.2	49.5	0.1	24.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.7	45.1	-0.1	24.5	0.0
4/19/2016 11:55	0.2	20.8	1.4	72.0	0.1	26.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.9	68.1	-0.1	26.7	0.0
4/19/2016 11:56	0.2	20.8	1.4	79.5	0.1	24.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.8	75.8	-0.1	24.3	0.0
4/19/2016 11:57	0.2	20.8	1.0	56.5	0.1	11.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.5	52.3	-0.1	11.1	0.0
4/19/2016 11:58	0.2	20.9	1.0	35.0	0.1	11.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.5	30.2	-0.1	11.2	0.0
4/19/2016 11:59	0.2	20.8	1.0	37.5	0.1	10.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.5	32.8	-0.1	10.6	0.0
4/19/2016 12:00	0.2	20.9	0.7	32.0	0.1	6.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.2	27.2	-0.1	6.8	0.0
4/19/2016 12:01	0.2	20.8	1.1	33.5	0.1	12.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.6	28.7	-0.1	12.3	0.0
4/19/2016 12:02	0.2	20.8	1.2	48.5	0.1	14.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.7	44.1	-0.1	14.1	0.0
4/19/2016 12:03	0.2	20.8	0.9	42.0	0.1	7.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.4	37.4	-0.1	8.0	0.0
4/19/2016 12:04	0.2	20.9	0.7	26.0	0.1	5.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.2	21.0	-0.1	5.0	0.0
4/19/2016 12:05	0.2	20.8	0.9	30.0	0.1	14.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.4	25.1	-0.1	14.6	0.0
4/19/2016 12:06	0.2	20.8	1.0	48.5	0.1	9.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.5	44.1	-0.1	9.9	0.0
4/19/2016 12:07	0.3	20.8	1.3	53.0	0.1	18.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.8	48.7	-0.1	18.5	0.0
4/19/2016 12:08	0.3	20.8	1.4	56.0	0.1	19.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.9	51.7	-0.1	19.3	0.0
4/19/2016 12:09	0.3	20.8	1.5	68.5	0.1	22.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	1.0	64.5	-0.1	22.8	0.0
4/19/2016 12:10	0.3	20.8	1.5	78.0	0.1	20.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	1.0	74.3	-0.1	21.0	0.0
4/19/2016 12:11	0.2	20.8	1.1	48.5	0.1	8.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.6	44.1	-0.1	8.2	0.0
4/19/2016 12:12	0.2	20.8	1.2	36.0	0.1	13.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.7	31.2	-0.1	13.5	0.0
4/19/2016 12:13	0.3	20.8	1.2	48.5	0.1	8.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.7	44.1	-0.1	8.3	0.0
4/19/2016 12:14	0.3	20.8	1.3	38.0	0.1	16.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.8	33.3	-0.1	16.3	0.0
4/19/2016 12:15	0.3	20.8	1.3	55.5	0.1	8.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.8	51.2	-0.1	8.9	0.0
4/19/2016 12:16	0.3	20.8	1.1	38.5	0.1	8.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.6	33.8	-0.1	8.5	0.0
4/19/2016 12:17	0.3	20.8	1.2	42.5	0.1	11.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.7	37.9	-0.1	11.2	0.0
4/19/2016 12:18	0.3	20.8	1.0	37.0	0.1	9.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.5	32.3	-0.1	9.2	0.0
4/19/2016 12:19	0.3	20.8	1.0	42.0	0.1	7.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.5	37.4	-0.1	7.8	0.0
4/19/2016 12:20	0.3	20.8	0.9	31.5	0.1	6.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.4	26.6	-0.1	6.9	0.0
4/19/2016 12:21	0.3	20.7	1.6	58.5	0.1	28.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	1.1	54.3	-0.1	29.0	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/19/2016 12:22	0.3	20.8	1.5	90.5	0.1	25.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	0.9	87.1	-0.1	25.2	0.0
4/19/2016 12:23	0.3	20.8	1.2	69.5	0.1	22.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.7	65.6	-0.1	22.2	0.0
4/19/2016 12:24	0.3	20.8	1.4	64.0	0.1	20.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.8	59.9	-0.1	20.6	0.0
4/19/2016 12:25	0.3	20.8	1.2	61.0	0.1	11.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.7	56.9	-0.1	11.3	0.0
4/19/2016 12:26	0.3	20.8	1.2	43.0	0.1	14.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.7	38.4	-0.1	14.8	0.0
4/19/2016 12:27	0.3	20.8	1.1	52.5	0.1	17.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.6	48.2	-0.1	17.4	0.0
4/19/2016 12:28	0.3	20.8	1.0	47.0	0.1	11.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.5	42.5	-0.1	11.2	0.0
4/19/2016 12:29	0.3	20.8	1.2	46.5	0.2	6.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.7	0.7	42.0	0.0	6.7	0.0
4/19/2016 12:30	0.2	20.8	0.9	30.0	0.2	7.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.8	0.4	25.1	0.0	7.2	0.0
4/19/2016 12:31	0.3	20.8	1.0	45.0	0.2	13.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	0.5	40.5	0.0	13.2	0.0
4/19/2016 12:32	0.4	20.5	2.7	68.5	0.5	9.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.5	2.1	64.5	0.3	9.2	0.0
4/19/2016 12:33	0.5	20.5	2.9	66.5	1.1	11.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.4	20.5	2.3	62.5	0.9	11.4	0.0
4/19/2016 12:34	0.5	20.5	3.5	67.0	1.6	18.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.4	20.4	2.9	63.0	1.4	18.3	0.0
4/19/2016 12:35	0.7	20.2	5.6	151.0	2.1	24.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.5	20.1	4.9	149.1	1.9	24.7	0.0
4/19/2016 12:36	1.2	19.6	10.6	203.0	5.4	21.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	1.1	19.6	9.8	202.4	5.2	22.0	0.0
4/19/2016 12:37	1.6	19.3	18.8	214.5	10.3	13.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	1.5	19.3	17.8	214.1	10.1	14.0	0.0
4/19/2016 12:38	1.4	19.7	16.9	104.5	9.8	10.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	1.2	19.6	15.9	101.4	9.6	10.2	0.0
4/19/2016 12:39	1.1	19.9	14.8	73.5	7.6	8.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.9	19.8	13.8	69.7	7.4	8.1	0.0
4/19/2016 12:40	0.9	20.1	12.3	66.0	5.7	8.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.7	20.1	11.5	62.0	5.4	8.0	0.0
4/19/2016 12:41	0.9	20.0	13.4	85.0	4.9	9.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.7	20.0	12.5	81.5	4.7	9.9	0.0
4/19/2016 12:42	0.7	20.2	11.1	100.0	4.2	12.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.6	20.2	10.3	96.8	3.9	12.2	0.0
4/19/2016 12:43	0.7	20.2	11.5	114.0	3.6	12.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.5	20.2	10.6	111.2	3.4	12.4	0.0
4/19/2016 12:44	0.6	20.3	11.3	103.0	3.1	9.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.5	20.2	10.4	99.9	2.9	9.9	0.0
4/19/2016 12:45	0.4	20.7	4.5	70.5	2.0	8.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.7	3.9	66.6	1.8	8.7	0.0
4/19/2016 12:46	0.2	20.6	6.2	47.0	1.2	14.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.5	5.5	42.5	1.0	15.0	0.0
4/19/2016 12:47	0.7	20.2	12.9	142.5	2.5	14.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.5	20.2	12.0	140.4	2.3	14.3	0.0
4/19/2016 12:48	0.6	20.3	11.6	141.5	2.6	18.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.4	20.2	10.7	139.3	2.4	18.5	0.0
4/19/2016 12:49	0.5	20.4	9.8	149.0	2.5	16.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.4	20.4	9.0	147.0	2.3	16.5	0.0
4/19/2016 12:50	0.5	20.3	10.7	139.5	2.3	18.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.3	9.9	137.3	2.1	18.8	0.0
4/19/2016 12:51	0.4	20.5	8.5	139.0	2.1	16.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.5	7.7	136.8	1.9	16.9	0.0
4/19/2016 12:52	0.4	20.5	7.8	121.5	1.6	19.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	7.1	118.9	1.4	19.8	0.0
4/19/2016 12:53	0.5	20.4	10.3	154.0	1.8	27.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.4	9.5	152.1	1.6	27.3	0.0
4/19/2016 12:54	0.5	20.4	10.2	194.0	2.1	34.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.4	9.4	193.1	1.9	34.9	0.0
4/19/2016 12:55	0.5	20.3	11.3	208.0	2.5	35.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.3	10.5	207.5	2.3	35.9	0.0
4/19/2016 12:56	0.5	20.4	10.3	215.0	2.5	37.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.4	9.5	214.6	2.3	37.5	0.0
4/19/2016 12:57	0.5	20.4	11.1	215.5	2.6	31.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.4	10.3	215.2	2.4	31.8	0.0
4/19/2016 12:58	0.5	20.3	12.3	165.5	2.8	19.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.3	11.4	163.9	2.6	19.8	0.0
4/19/2016 12:59	0.8	20.1	16.6	160.0	5.2	19.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.7	20.0	15.6	158.3	5.0	19.8	0.0
4/19/2016 13:00	0.6	20.3	12.0	170.5	3.8	18.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.4	20.3	11.1	169.1	3.6	19.1	0.0
4/19/2016 13:01	0.5	20.3	11.5	163.0	3.1	30.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.4	20.3	10.7	161.4	2.9	30.7	0.0
4/19/2016 13:02	0.4	20.5	8.0	159.0	2.3	14.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	7.2	157.3	2.0	15.0	0.0
4/19/2016 13:03	0.4	20.5	8.9	98.5	1.9	14.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.4	8.1	95.3	1.7	14.5	0.0
4/19/2016 13:04	0.5	20.5	8.4	111.5	2.4	10.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.5	7.6	108.6	2.2	10.5	0.0
4/19/2016 13:05	0.4	20.5	8.5	91.5	2.0	17.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.4	7.8	88.1	1.8	17.7	0.0
4/19/2016 13:06	0.5	20.4	9.7	131.0	2.2	18.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.4	8.9	128.6	2.0	18.2	0.0
4/19/2016 13:07	0.5	20.4	10.8	157.0	2.5	22.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.4	20.3	10.0	155.2	2.2	22.2	0.0
4/19/2016 13:08	0.5	20.5	9.0	157.0	2.3	19.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.4	8.2	155.2	2.0	19.3	0.0
4/19/2016 13:09	0.4	20.4	9.4	134.5	2.0	22.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.4	8.6	132.2	1.8	22.5	0.0
4/19/2016 13:10	0.4	20.6	6.3	134.0	1.6	18.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	5.6	131.7	1.4	18.7	0.0
4/19/2016 13:11	0.4	20.5	8.2	147.5	1.7	32.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.5	7.4	145.5	1.5	33.2	0.0
4/19/2016 13:12	0.4	20.5	8.2	187.0	2.0	27.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.3	20.5	7.5	186.0	1.8	27.3	0.0
4/19/2016 13:13	0.4	20.5	8.0	134.0	1.7	19.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	7.3	131.7	1.5	20.1	0.0
4/19/2016 13:14	0.4	20.6	7.2	126.0	1.7	16.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	6.5	123.5	1.5	16.6	0.0
4/19/2016 13:15	0.4	20.4	9.7	145.0	2.0	29.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.4	8.9	142.9	1.8	29.9	0.0
4/19/2016 13:16	0.3	20.6	6.3	143.0	1.7	15.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	5.6	140.9	1.5	15.9	0.0
4/19/2016 13:17	0.2	20.7	4.7	82.5	1.1	10.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	4.1	78.9	0.9	10.7	0.0
4/19/2016 13:18	0.2	20.6	5.5	78.0	1.1	19.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	4.8	74.3	0.9	19.7	0.0
4/19/2016 13:19	0.3	20.6	6.8	132.0	1.5	18.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	6.1	129.6	1.3	18.9	0.0
4/19/2016 13:20	0.3	20.6	6.8	102.5	1.3	21.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	6.1	99.4	1.1	22.0	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/19/2016 13:21	0.4	20.5	9.1	155.5	1.8	30.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	8.3	153.7	1.6	30.7	0.0
4/19/2016 13:22	0.3	20.5	8.2	159.5	1.7	27.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	7.5	157.8	1.5	27.6	0.0
4/19/2016 13:23	0.3	20.6	7.4	146.5	1.6	21.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	6.7	144.5	1.4	21.8	0.0
4/19/2016 13:24	0.2	20.6	5.6	108.5	1.2	15.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	4.9	105.5	1.0	15.9	0.0
4/19/2016 13:25	0.2	20.7	4.4	86.5	1.0	14.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	3.8	83.0	0.7	14.5	0.0
4/19/2016 13:26	0.2	20.7	4.8	85.0	0.9	12.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	4.1	81.5	0.7	12.3	0.0
4/19/2016 13:27	0.2	20.8	3.1	63.0	0.6	8.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	2.5	58.9	0.4	8.0	0.0
4/19/2016 13:28	0.2	20.8	3.0	52.5	0.6	7.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	2.4	48.2	0.4	7.4	0.0
4/19/2016 13:29	0.1	20.8	2.1	44.5	0.5	5.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.6	40.0	0.3	5.1	0.0
4/19/2016 13:30	0.1	20.8	2.3	42.0	0.5	5.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	1.7	37.4	0.3	5.8	0.0
4/19/2016 13:31	0.1	20.8	1.9	43.0	0.4	5.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.3	38.4	0.2	5.3	0.0
4/19/2016 13:32	0.1	20.8	1.8	38.0	0.3	5.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	1.2	33.3	0.1	5.2	0.0
4/19/2016 13:33	0.1	20.8	1.8	36.5	0.3	5.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	-0.1	20.8	1.2	31.8	0.1	5.9	0.0
4/19/2016 13:34	0.2	20.8	2.3	44.5	0.4	6.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.7	40.0	0.2	6.9	0.0
4/19/2016 13:35	0.2	20.8	1.8	43.0	0.3	5.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.2	38.4	0.1	5.5	0.0
4/19/2016 13:36	0.2	20.8	1.8	40.5	0.4	6.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.3	35.9	0.2	6.7	0.0
4/19/2016 13:37	0.2	20.7	3.0	54.0	0.5	9.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.4	49.7	0.3	9.4	0.0
4/19/2016 13:38	0.2	20.8	1.7	49.0	0.4	4.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.2	44.6	0.2	4.8	0.0
4/19/2016 13:39	0.2	20.8	1.6	36.0	0.3	5.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.1	31.2	0.1	5.0	0.0
4/19/2016 13:40	0.2	20.8	1.5	37.0	0.3	5.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.0	32.3	0.1	5.6	0.0
4/19/2016 13:41	0.2	20.8	1.5	39.5	0.3	4.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.0	34.8	0.1	4.9	0.0
4/19/2016 13:42	0.2	20.8	1.3	33.0	0.3	4.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.8	28.2	0.1	4.5	0.0
4/19/2016 13:43	0.2	20.8	1.4	35.5	0.3	5.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.9	30.7	0.1	5.2	0.0
4/19/2016 13:44	0.2	20.8	1.7	41.0	0.3	9.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.2	36.4	0.1	9.2	0.0
4/19/2016 13:45	0.2	20.8	1.4	42.0	0.3	5.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.8	37.4	0.1	5.4	0.0
4/19/2016 13:46	0.2	20.8	1.6	38.0	0.3	7.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.0	33.3	0.1	8.0	0.0
4/19/2016 13:47	0.2	20.7	3.3	59.0	0.5	17.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	2.7	54.8	0.3	17.4	0.0
4/19/2016 13:48	0.3	20.7	4.8	99.0	0.9	24.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	4.2	95.8	0.7	24.8	0.0
4/19/2016 13:49	0.3	20.8	3.4	105.5	1.0	12.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.8	102.5	0.8	12.1	0.0
4/19/2016 13:50	0.2	20.8	2.7	62.0	0.5	12.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.2	57.9	0.3	12.5	0.0
4/19/2016 13:51	0.3	20.7	3.9	80.5	0.7	24.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	3.3	76.8	0.5	24.2	0.0
4/19/2016 13:52	0.4	20.6	6.4	133.5	1.2	30.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	5.7	131.1	1.0	30.3	0.0
4/19/2016 13:53	0.4	20.6	5.9	142.0	1.4	31.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	5.3	139.9	1.2	31.4	0.0
4/19/2016 13:54	0.4	20.6	6.6	142.0	1.4	28.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	5.9	139.9	1.2	29.2	0.0
4/19/2016 13:55	0.3	20.7	3.8	107.0	0.9	23.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	3.2	104.0	0.7	24.1	0.0
4/19/2016 13:56	0.3	20.7	3.9	96.0	0.8	16.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	3.3	92.7	0.6	17.1	0.0
4/19/2016 13:57	0.3	20.7	4.8	86.0	0.8	25.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	4.1	82.5	0.6	26.0	0.0
4/19/2016 13:58	0.3	20.6	6.2	138.5	1.2	34.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	5.5	136.3	1.0	34.6	0.0
4/19/2016 13:59	0.4	20.6	8.3	180.0	1.5	35.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	7.5	178.8	1.3	35.9	0.0
4/19/2016 14:00	0.4	20.6	6.3	164.5	1.4	29.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	5.6	162.9	1.2	30.1	0.0
4/19/2016 14:01	0.3	20.7	5.0	126.5	1.1	27.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	4.3	124.0	0.9	27.2	0.0
4/19/2016 14:02	0.3	20.6	6.4	134.5	1.2	32.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	5.7	132.2	1.0	32.6	0.0
4/19/2016 14:03	0.3	20.6	6.4	147.5	1.3	33.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	5.7	145.5	1.1	33.7	0.0
4/19/2016 14:04	0.4	20.6	6.8	153.5	1.3	28.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	6.1	151.6	1.1	29.0	0.0
4/19/2016 14:05	0.3	20.7	4.4	122.5	1.1	18.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	3.8	119.9	0.9	18.2	0.0
4/19/2016 14:06	0.2	20.8	3.1	78.0	0.7	15.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.5	74.3	0.5	15.2	0.0
4/19/2016 14:07	0.3	20.7	4.3	94.0	0.8	18.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	3.7	90.7	0.5	18.5	0.0
4/19/2016 14:08	0.2	20.7	3.3	85.5	0.6	12.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.7	82.0	0.4	12.3	0.0
4/19/2016 14:09	0.2	20.8	2.4	65.5	0.5	10.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.9	61.5	0.3	10.6	0.0
4/19/2016 14:10	0.2	20.8	1.8	51.5	0.3	8.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.3	47.1	0.1	8.1	0.0
4/19/2016 14:11	0.2	20.8	2.1	56.0	0.3	8.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.5	51.7	0.1	8.7	0.0
4/19/2016 14:12	0.3	20.7	4.4	84.5	0.6	22.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	3.8	80.9	0.4	22.8	0.0
4/19/2016 14:13	0.2	20.7	3.0	100.5	0.7	12.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.4	97.3	0.5	12.2	0.0
4/19/2016 14:14	0.2	20.8	3.1	77.0	0.5	14.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.5	73.3	0.3	15.0	0.0
4/19/2016 14:15	0.2	20.8	2.1	71.5	0.5	7.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.5	67.6	0.3	7.9	0.0
4/19/2016 14:16	0.2	20.8	1.8	49.5	0.3	6.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.2	45.1	0.1	6.6	0.0
4/19/2016 14:17	0.2	20.8	1.6	46.0	0.3	6.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.0	41.5	0.1	6.0	0.0
4/19/2016 14:18	0.2	20.8	1.2	40.0	0.2	4.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	0.7	35.3	0.0	4.3	0.0
4/19/2016 14:19	0.2	20.8	2.2	42.5	0.3	12.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	1.6	37.9	0.1	12.8	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/19/2016 14:20	0.3	20.7	3.4	85.5	0.5	11.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.8	82.0	0.3	11.3	0.0
4/19/2016 14:21	0.2	20.8	1.7	54.5	0.3	6.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.2	50.2	0.1	6.5	0.0
4/19/2016 14:22	0.2	20.8	1.5	44.0	0.3	6.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.0	39.4	0.1	6.5	0.0
4/19/2016 14:23	0.2	20.8	1.6	49.5	0.3	7.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.1	45.1	0.1	7.4	0.0
4/19/2016 14:24	0.2	20.7	2.7	58.0	0.3	10.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	2.1	53.8	0.1	10.3	0.0
4/19/2016 14:25	0.3	20.7	3.5	77.5	0.5	17.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.9	73.8	0.3	17.9	0.0
4/19/2016 14:26	0.3	20.7	4.2	109.5	0.7	14.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	3.6	106.6	0.5	14.6	0.0
4/19/2016 14:27	0.2	20.8	2.0	66.5	0.4	8.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.8	1.4	62.5	0.2	8.0	0.0
4/19/2016 14:28	0.2	20.8	2.1	56.5	0.3	8.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	1.6	52.3	0.1	8.8	0.0
4/19/2016 14:29	0.2	20.8	2.1	57.0	0.3	9.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	1.6	52.8	0.1	9.1	0.0
4/19/2016 14:30	0.2	20.8	2.1	56.5	0.3	8.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	1.6	52.3	0.1	8.4	0.0
4/19/2016 14:31	0.2	20.8	2.0	55.0	0.3	9.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	1.4	50.7	0.1	9.5	0.0
4/19/2016 14:32	0.2	20.6	4.7	81.5	0.5	24.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	4.0	77.9	0.3	25.1	0.0
4/19/2016 14:33	0.3	20.6	5.2	120.5	0.7	22.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	4.5	117.8	0.5	23.1	0.0
4/19/2016 14:34	0.2	20.7	3.2	97.5	0.6	11.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.6	94.3	0.4	11.9	0.0
4/19/2016 14:35	0.2	20.8	2.0	56.5	0.4	7.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	1.4	52.3	0.2	7.6	0.0
4/19/2016 14:36	0.2	20.8	1.7	46.5	0.3	6.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	1.1	42.0	0.1	6.0	0.0
4/19/2016 14:37	0.2	20.7	2.7	54.0	0.3	10.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	2.1	49.7	0.1	10.9	0.0
4/19/2016 14:38	0.2	20.7	2.3	62.0	0.3	11.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	1.8	57.9	0.1	11.2	0.0
4/19/2016 14:39	0.2	20.7	2.7	68.5	0.4	9.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	2.2	64.5	0.2	10.0	0.0
4/19/2016 14:40	0.2	20.7	2.5	57.5	0.3	13.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	1.9	53.3	0.1	13.5	0.0
4/19/2016 14:41	0.3	20.6	4.2	88.5	0.5	19.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	3.6	85.0	0.3	19.9	0.0
4/19/2016 14:42	0.3	20.6	6.3	118.5	0.8	27.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.5	5.6	115.8	0.5	27.5	0.0
4/19/2016 14:43	0.3	20.6	6.0	125.5	0.8	28.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.5	5.4	122.9	0.6	29.0	0.0
4/19/2016 14:44	0.4	20.4	10.7	147.5	1.1	27.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.4	9.9	145.5	0.9	27.3	0.0
4/19/2016 14:45	0.4	20.5	10.4	137.0	1.3	19.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.4	9.6	134.7	1.1	19.6	0.0
4/19/2016 14:46	0.2	20.7	3.6	84.5	0.8	9.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	3.0	80.9	0.6	9.3	0.0
4/19/2016 14:47	0.2	20.7	2.7	54.5	0.4	6.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	2.2	50.2	0.2	7.0	0.0
4/19/2016 14:48	0.2	20.7	3.2	53.5	0.3	8.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	2.6	49.2	0.1	8.6	0.0
4/19/2016 14:49	0.2	20.7	2.5	54.0	0.3	7.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.0	20.7	2.0	49.7	0.1	7.3	0.0
4/19/2016 14:50	0.3	20.6	5.6	82.0	0.5	21.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.5	5.0	78.4	0.3	21.5	0.0
4/19/2016 14:51	0.4	20.5	7.4	138.0	0.8	28.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	6.7	135.8	0.5	28.8	0.0
4/19/2016 14:52	0.4	20.5	7.9	158.5	1.0	29.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.4	7.1	156.8	0.7	29.3	0.0
4/19/2016 14:53	0.3	20.5	7.5	149.0	0.9	24.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	6.8	147.0	0.7	24.4	0.0
4/19/2016 14:54	0.3	20.5	6.5	127.0	0.8	24.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.5	5.8	124.5	0.6	24.4	0.0
4/19/2016 14:55	0.3	20.6	5.5	119.5	0.7	23.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.5	4.8	116.8	0.5	23.2	0.0
4/19/2016 14:56	0.3	20.5	6.6	138.0	0.6	25.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.5	5.9	135.8	0.4	25.9	0.0
4/19/2016 14:57	0.2	20.6	4.1	110.5	0.5	17.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	3.5	107.6	0.3	18.1	0.0
4/19/2016 14:58	0.3	20.5	6.4	130.0	0.5	25.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.5	5.7	127.6	0.3	25.4	0.0
4/19/2016 14:59	0.3	20.6	4.7	119.5	0.5	19.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	4.1	116.8	0.3	20.0	0.0
4/19/2016 15:00	0.3	20.6	3.7	93.5	0.4	15.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	3.1	90.2	0.2	15.6	0.0
4/19/2016 15:01	0.3	20.6	4.2	103.0	0.4	21.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	3.6	99.9	0.2	21.5	0.0
4/19/2016 15:02	0.3	20.6	5.1	135.5	0.4	28.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.5	4.5	133.2	0.2	28.4	0.0
4/19/2016 15:03	0.3	20.6	5.4	151.5	0.5	25.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.5	4.8	149.6	0.3	26.0	0.0
4/19/2016 15:04	0.3	20.6	3.7	121.5	0.4	16.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	3.1	118.9	0.2	16.4	0.0
4/19/2016 15:05	0.3	20.6	4.6	114.0	0.3	25.4	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.5	3.9	111.2	0.1	25.6	0.0
4/19/2016 15:06	0.3	20.6	4.3	135.0	0.3	22.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	3.7	132.7	0.1	23.1	0.0
4/19/2016 15:07	0.3	20.5	5.7	157.0	0.4	31.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	5.1	155.2	0.2	31.6	0.0
4/19/2016 15:08	0.3	20.6	3.9	153.0	0.4	17.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	3.3	151.1	0.2	17.9	0.0
4/19/2016 15:09	0.3	20.6	3.1	102.0	0.3	12.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	2.5	98.9	0.1	12.8	0.0
4/19/2016 15:10	0.2	20.6	2.8	86.5	0.2	19.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	2.3	83.0	0.0	19.2	0.0
4/19/2016 15:11	0.4	20.5	5.3	152.5	0.3	30.3	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	4.6	150.6	0.1	30.6	0.0
4/19/2016 15:12	0.4	20.6	5.2	173.5	0.4	28.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	4.5	172.1	0.2	28.9	0.0
4/19/2016 15:13	0.3	20.6	4.6	142.0	0.3	27.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.5	4.0	139.9	0.1	28.1	0.0
4/19/2016 15:14	0.4	20.5	5.2	161.0	0.3	32.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	4.6	159.3	0.1	33.0	0.0
4/19/2016 15:15	0.4	20.6	4.8	158.5	0.3	30.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	4.1	156.8	0.1	31.1	0.0
4/19/2016 15:16	0.3	20.6	4.5	140.5	0.3	28.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	3.9	138.3	0.1	28.5	0.0
4/19/2016 15:17	0.3	20.6	4.4	137.0	0.3	30.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	3.8	134.7	0.1	30.8	0.0
4/19/2016 15:18	0.4	20.6	4.6	147.5	0.2	32.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.9	145.5	0.0	32.5	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/19/2016 15:19	0.4	20.6	4.5	149.5	0.2	29.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.9	147.5	0.0	30.2	0.0
4/19/2016 15:20	0.3	20.6	4.0	129.0	0.2	27.1	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.4	126.5	0.0	27.3	0.0
4/19/2016 15:21	0.3	20.6	4.1	132.0	0.2	29.8	0.1	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.5	129.6	0.0	30.1	0.1
4/19/2016 15:22	0.3	20.6	3.9	126.5	0.2	27.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.3	124.0	0.0	28.2	0.0
4/19/2016 15:23	0.3	20.7	2.9	111.5	0.2	19.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	2.4	108.6	0.0	19.4	0.0
4/19/2016 15:24	0.3	20.7	2.5	101.5	0.1	18.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	2.0	98.4	-0.1	18.9	0.0
4/19/2016 15:25	0.3	20.6	3.5	119.0	0.2	26.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.9	116.3	0.0	27.2	0.0
4/19/2016 15:26	0.4	20.6	4.1	145.5	0.2	33.0	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.5	143.4	0.0	33.4	0.0
4/19/2016 15:27	0.4	20.6	4.5	163.0	0.2	31.6	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.9	161.4	0.0	31.9	0.0
4/19/2016 15:28	0.3	20.6	3.8	140.5	0.2	27.2	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.2	138.3	0.0	27.4	0.0
4/19/2016 15:29	0.3	20.6	3.7	130.0	0.2	27.7	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.1	127.6	0.0	28.0	0.0
4/19/2016 15:30	0.4	20.6	4.0	124.0	0.2	30.5	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	3.4	121.4	0.0	30.8	0.0
4/19/2016 15:31	0.4	20.6	4.0	139.0	0.2	31.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	3.4	136.8	0.0	32.1	0.0
4/19/2016 15:32	0.4	20.6	3.9	148.5	0.2	28.9	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.3	146.5	0.0	29.2	0.0
4/19/2016 15:33	0.3	20.7	2.1	99.5	0.1	11.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	1.5	96.3	-0.1	11.9	0.0
4/19/2016 15:34	0.4	20.6	3.7	96.0	0.1	31.8	0.0	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	3.1	92.7	-0.1	32.1	0.0
4/19/2016 15:35	0.4	20.6	3.5	129.0	0.2	27.6	0.1	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.9	126.5	0.0	27.8	0.1
4/19/2016 15:36	0.4	20.6	3.3	121.0	0.1	29.7	0.1	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.7	118.3	-0.1	30.0	0.1
4/19/2016 15:37	0.4	20.6	3.7	127.0	0.2	31.1	0.1	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.1	124.5	0.0	31.4	0.1
4/19/2016 15:38	0.4	20.6	3.4	113.0	0.1	27.7	0.1	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.8	110.1	-0.1	28.0	0.1
4/19/2016 15:39	0.4	20.6	3.3	102.0	0.2	25.5	0.1	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.7	98.9	0.0	25.8	0.1
4/19/2016 15:40	0.4	20.6	3.9	110.0	0.2	30.1	0.2	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.3	107.1	0.0	30.4	0.2
4/19/2016 15:41	0.4	20.6	3.5	119.0	0.1	27.6	0.2	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.9	116.3	-0.1	27.8	0.2
4/19/2016 15:42	0.4	20.6	4.1	120.0	0.2	31.8	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.5	117.3	0.0	32.1	0.3
4/19/2016 15:43	0.4	20.6	3.8	117.0	0.2	33.1	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.2	114.2	0.0	33.4	0.3
4/19/2016 15:44	0.4	20.6	3.2	106.5	0.1	22.4	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.6	103.5	-0.1	22.6	0.3
4/19/2016 15:45	0.4	20.6	3.0	93.5	0.1	24.7	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.4	90.2	-0.1	24.9	0.3
4/19/2016 15:46	0.4	20.6	3.2	105.5	0.2	24.6	0.3	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.6	102.5	0.0	24.8	0.3
4/19/2016 15:47	0.4	20.6	3.3	103.5	0.1	27.6	0.4	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.7	100.4	-0.1	27.8	0.4
4/19/2016 15:48	0.4	20.5	4.1	139.5	0.2	32.8	0.4	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.5	3.5	137.3	0.0	33.1	0.4
4/19/2016 15:49	0.4	20.6	3.6	124.0	0.2	25.2	0.4	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	3.0	121.4	0.0	25.4	0.4
4/19/2016 15:50	0.3	20.6	2.8	94.0	0.1	18.8	0.4	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	2.3	90.7	-0.1	19.0	0.4
4/19/2016 15:51	0.3	20.7	2.7	69.5	0.1	20.4	0.4	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	2.1	65.6	-0.1	20.6	0.4
4/19/2016 15:52	0.3	20.6	2.8	97.5	0.1	22.7	0.5	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.3	94.3	-0.1	22.9	0.5
4/19/2016 15:53	0.4	20.6	3.2	100.0	0.1	26.0	0.5	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.6	96.8	-0.1	26.3	0.5
4/19/2016 15:54	0.4	20.6	3.1	111.5	0.1	26.7	0.5	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.5	108.6	-0.1	27.0	0.5
4/19/2016 15:55	0.3	20.6	2.6	93.0	0.1	25.8	0.5	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	2.1	89.7	-0.1	26.1	0.5
4/19/2016 15:56	0.3	20.6	2.4	92.0	0.1	24.7	0.5	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	1.9	88.6	-0.1	25.0	0.5
4/19/2016 15:57	0.3	20.6	2.5	87.5	0.1	26.9	0.6	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	2.0	84.0	-0.1	27.1	0.6
4/19/2016 15:58	0.3	20.6	2.9	96.5	0.1	26.5	0.6	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	2.4	93.2	-0.1	26.7	0.6
4/19/2016 15:59	0.3	20.6	2.6	92.5	0.1	23.6	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	2.0	89.1	-0.1	23.9	0.7
4/19/2016 16:00	0.3	20.6	2.6	86.0	0.1	26.3	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.6	2.1	82.5	-0.1	26.6	0.7
4/19/2016 16:01	0.3	20.7	1.9	87.0	0.1	22.7	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	1.3	83.5	-0.1	22.9	0.7
4/19/2016 16:02	0.3	20.7	1.6	65.0	0.1	22.3	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	1.1	61.0	-0.1	22.5	0.7
4/19/2016 16:03	0.3	20.7	1.2	59.0	0.1	26.8	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	0.7	54.8	-0.1	27.0	0.7
4/19/2016 16:04	0.3	20.7	1.1	72.5	0.1	25.6	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	0.6	68.6	-0.1	25.8	0.7
4/19/2016 16:05	0.4	20.6	1.9	90.5	0.1	36.6	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.2	20.6	1.4	87.1	-0.1	36.9	0.7
4/19/2016 16:06	0.3	20.7	0.9	78.5	0.1	20.7	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	0.4	74.8	-0.1	20.9	0.7
4/19/2016 16:07	0.3	20.7	1.1	106.5	0.1	26.4	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.1	20.7	0.6	103.5	-0.1	26.7	0.7
4/19/2016 16:08	0.6	19.8	5.9	149.0	0.5	26.2	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	0.5	19.8	5.3	147.0	0.3	26.5	0.7
4/19/2016 16:09	2.4	18.5	24.1	217.5	7.6	15.5	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	2.3	18.4	22.9	217.2	7.4	15.6	0.7
4/19/2016 16:10	1.6	19.3	20.8	159.0	9.6	13.5	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	1.5	19.3	19.7	157.3	9.4	13.6	0.7
4/19/2016 16:11	1.3	19.5	19.6	140.5	8.3	14.3	0.7	Day 2 Testing	0.2	2.6	2.5	0.1	11.0	11.0	0.5	26.4	25.1	5.5	255.8	256.4	0.2	15.0	14.8	0.0	14.3	14.4	1.026	1.1	19.5	18.5	138.3	8.0	14.5	0.7
	0.3	**20.6**	**3.1**	**70.7**	**0.6**	**14.4**	**0.0**	**Day 2 Average**																				**0.1**	**20.6**	**2.5**	**66.8**	**0.4**	**14.5**	**0.0**
4/19/2016 16:12	1.2	19.7	20.2	162.0	7.6	15.4	0.7																												
4/19/2016 16:13	1.2	19.7	20.4	186.0	6.8	16.6	0.7																												
4/19/2016 16:14	2.4	16.1	11.0	162.0	5.3	6.4	0.7																												
4/19/2016 16:15	10.8	**11.1**	2.7	38.0	**0.4**	0.9	0.7	**10.98 O2, Zero SO2 Bias Check**																											
4/19/2016 16:16	10.4	8.2	7.7	22.0	0.4	1.1	0.7																												

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/19/2016 16:17	3.2	0.2	27.2	177.5	0.5	1.5	0.7																										
4/19/2016 16:18	**2.6**	**0.1**	**27.1**	**259.0**	0.7	1.4	0.7	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/19/2016 16:19	2.0	10.6	14.6	226.0	2.6	0.1	0.7																										
4/19/2016 16:20	0.2	20.9	1.1	47.5	13.1	0.1	0.7																										
4/19/2016 16:21	**0.2**	20.9	**0.9**	**11.0**	**15.1**	**0.1**	0.7	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																									
4/19/2016 16:22	0.2	12.9	0.7	11.0	14.5	6.4	0.7																										
4/19/2016 16:23	0.2	0.2	0.6	11.0	4.2	**14.2**	0.7	**14.4 C3H8 Bias Check**																									
4/19/2016 16:24	0.2	0.1	0.6	11.0	0.9	13.2	0.7																										
4/19/2016 16:25	0.2	0.1	0.5	11.0	0.5	1.9	8.3																										
4/19/2016 16:26	0.2	0.1	0.4	11.0	0.5	1.8	10.6																										
4/19/2016 16:27	0.2	0.1	0.4	10.5	0.5	1.8	**10.8**	**9.98 H2S Bias Check**																									
4/19/2016 16:28	0.2	0.1	0.4	10.5	0.4	1.9	10.9																										
4/19/2016 16:29	0.2	12.5	0.8	13.5	0.4	12.8	7.2																										
4/19/2016 16:30	0.6	20.2	15.5	126.0	3.0	58.4	5.2																										
4/20/2016 6:15	0.1	20.8	0.0	12.0	0.0	-4.9	0.2																										
4/20/2016 6:16	0.1	20.8	0.0	12.0	0.0	-5.0	0.2																										
4/20/2016 6:17	0.1	20.8	0.0	12.0	0.0	-5.0	0.2																										
4/20/2016 6:18	0.1	20.8	0.0	12.0	0.0	-5.0	0.2																										
4/20/2016 6:19	0.1	20.8	0.0	12.0	0.0	-5.0	0.2																										
4/20/2016 6:20	0.1	20.8	0.0	12.0	0.0	-5.0	0.2																										
4/20/2016 6:21	0.1	20.8	0.1	12.5	0.0	-5.0	0.2																										
4/20/2016 6:22	0.1	20.8	0.1	12.5	0.0	-5.0	0.2																										
4/20/2016 6:23	0.1	20.8	0.1	12.5	0.0	-5.0	0.2																										
4/20/2016 6:24	0.1	20.8	0.1	12.0	0.0	-4.9	0.2																										
4/20/2016 6:25	0.1	20.8	0.0	12.5	0.0	-5.0	0.2																										
4/20/2016 6:26	0.1	20.8	0.1	12.0	0.0	-5.0	0.2																										
4/20/2016 6:27	0.1	20.8	0.1	12.0	0.0	-5.0	0.2																										
4/20/2016 6:28	3.4	14.8	0.2	10.5	0.0	-6.2	0.2																										
4/20/2016 6:29	11.0	11.0	0.0	7.0	0.0	-6.3	0.2																										
4/20/2016 6:30	11.1	11.0	0.0	6.5	0.0	-6.3	0.2																										
4/20/2016 6:31	11.1	11.0	0.0	6.5	0.0	-6.3	0.2																										
4/20/2016 6:32	11.1	**11.0**	0.0	6.5	**0.0**	-6.3	0.2	**10.98 O2, Zero SO2 Bias Check**																									
4/20/2016 6:33	8.3	5.0	13.1	46.0	0.1	-6.1	0.2																										
4/20/2016 6:34	2.6	0.1	26.1	213.5	0.3	-8.1	0.2																										
4/20/2016 6:35	**2.5**	**0.0**	**26.2**	**256.5**	0.4	-8.8	0.2	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/20/2016 6:36	2.5	0.0	26.3	257.5	0.4	-8.8	0.2																										
4/20/2016 6:37	2.5	0.0	26.2	257.5	0.4	-8.8	0.2																										
4/20/2016 6:38	1.8	10.8	13.4	217.5	1.4	-8.8	0.2																										
4/20/2016 6:39	0.1	20.9	0.1	40.5	10.2	-8.8	0.2																										
4/20/2016 6:40	0.1	20.9	0.1	6.5	13.6	-8.8	0.2																										
4/20/2016 6:41	0.1	20.9	0.1	6.0	14.8	-8.8	0.2																										
4/20/2016 6:42	**0.1**	20.9	**0.1**	**6.0**	**15.2**	-8.8	0.2	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2 Bias Check**																									
4/20/2016 6:43	0.1	11.6	0.1	6.5	14.5	-8.8	0.2																										
4/20/2016 6:44	0.1	0.1	0.0	6.5	4.8	-8.8	4.3																										
4/20/2016 6:45	0.1	0.1	0.0	6.5	1.6	-8.8	9.0																										
4/20/2016 6:46	0.1	0.0	0.0	6.5	0.9	-8.8	**9.4**	**9.98 H2S Bias Check**																									
4/20/2016 6:47	0.1	0.1	0.0	6.5	0.6	-8.8	7.2																										
4/20/2016 6:48	0.1	7.4	0.1	7.0	0.5	-8.8	0.3																										
4/20/2016 6:49	0.1	20.7	0.1	9.5	0.5	-8.8	0.2																										
4/20/2016 6:50	0.1	20.8	0.1	10.5	0.5	-8.8	0.2																										
4/20/2016 6:51	0.1	20.8	0.1	10.5	0.4	-8.8	0.2																										
4/20/2016 6:52	0.1	20.8	0.1	10.5	0.3	-8.8	0.2																										
4/20/2016 6:53	0.1	20.8	0.1	10.5	0.3	-8.8	0.2																										
4/20/2016 6:54	0.1	20.8	0.0	10.5	0.2	-8.8	0.2																										
4/20/2016 6:55	0.1	20.8	0.0	10.5	0.2	-8.8	0.2																										
4/20/2016 6:56	0.1	20.8	0.0	10.5	0.2	-8.8	0.2																										
4/20/2016 6:57	0.1	20.8	0.0	10.5	0.1	-8.8	0.2																										
4/20/2016 6:58	0.1	20.8	0.0	10.5	0.1	-8.8	0.2																										
4/20/2016 6:59	0.1	20.8	0.0	10.5	0.1	-4.6	0.2																										

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	Uncorrected Data								Correction Variables																	Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cmu, CO_2	Co, O_2	Cm, O_2	Cmu, O_2	Co, NO_x	Cm, NO_x	Cmu, NO_x	Co, CO	Cm, CO	Cmu, CO	Co, SO_2	Cm, SO_2	Cmu, SO_2	Co, TOC	Cm, TOC	Cmu, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/20/2016 7:00	0.1	20.8	0.0	10.5	0.1	-2.3	0.2																									
4/20/2016 7:01	0.1	20.8	0.0	10.5	0.1	-2.4	0.2																									
4/20/2016 7:02	0.1	20.8	0.0	10.5	0.1	-2.4	0.2																									
4/20/2016 7:03	0.1	20.8	0.1	10.5	0.1	-2.5	0.2																									
4/20/2016 7:04	0.1	20.8	0.1	10.5	0.1	-2.5	0.2																									
4/20/2016 7:05	0.1	20.8	0.0	10.5	0.1	-2.4	0.2																									
4/20/2016 7:06	0.1	20.8	0.0	10.5	0.1	-2.3	0.2																									
4/20/2016 7:07	0.1	19.8	0.1	10.5	0.1	1.3	0.2																									
4/20/2016 7:08	5.0	9.4	0.0	8.5	0.1	-0.1	0.2																									
4/20/2016 7:09	11.1	11.0	0.0	6.5	0.1	-0.1	0.2																									
4/20/2016 7:10	11.2	11.0	0.0	6.5	0.1	-0.1	0.2																									
4/20/2016 7:11	11.3	11.0	0.0	6.0	0.1	**-0.1**	0.2	**Zero TOC Bias Check**																								
4/20/2016 7:12	11.0	9.9	0.2	6.5	0.1	-0.1	0.2																									
4/20/2016 7:13	1.9	1.9	0.0	7.0	0.1	10.9	0.2																									
4/20/2016 7:14	8.6	9.5	0.1	6.5	0.1	5.0	0.2																									
4/20/2016 7:15	1.6	0.3	0.0	7.0	0.1	15.0	0.2																									
4/20/2016 7:16	0.2	0.0	0.0	6.5	0.1	14.9	0.2																									
4/20/2016 7:17	0.2	0.0	0.0	6.5	0.1	14.9	0.2																									
4/20/2016 7:18	0.2	0.0	0.0	6.5	0.1	14.9	0.2																									
4/20/2016 7:19	0.2	0.0	0.0	6.5	0.1	14.8	0.2																									
4/20/2016 7:20	0.2	0.0	0.0	6.5	0.1	14.8	0.2																									
4/20/2016 7:21	0.2	0.0	0.0	6.5	0.1	14.9	0.2																									
4/20/2016 7:22	0.2	0.0	0.0	6.5	0.1	14.9	0.2																									
4/20/2016 7:23	0.2	0.0	0.0	6.5	0.1	**14.9**	0.2	**14.4 C3H8 Bias Check**																								
4/20/2016 7:24	0.2	0.1	0.0	6.5	0.0	14.0	0.2																									
4/20/2016 7:25	0.2	17.6	0.1	8.0	0.1	0.8	0.2																									
4/20/2016 7:26	0.2	20.8	0.1	9.5	0.1	0.6	0.2																									
4/20/2016 7:27	0.2	20.7	0.3	22.0	0.1	19.4	0.2																									
4/20/2016 7:28	0.3	20.7	0.7	63.5	0.1	31.4	0.2																									
4/20/2016 7:29	0.3	20.7	0.7	70.5	0.1	26.6	0.2																									
4/20/2016 7:30	0.3	20.7	0.6	61.0	0.1	16.2	0.2																									
4/20/2016 7:31	0.2	20.8	0.4	35.5	0.1	8.8	0.2																									
4/20/2016 7:32	0.2	20.8	0.2	23.0	0.1	2.8	0.2																									
4/20/2016 7:33	0.2	20.8	0.2	14.5	0.1	2.1	0.2																									
4/20/2016 7:34	0.2	20.8	0.1	14.5	0.1	2.0	0.2																									
4/20/2016 7:35	0.2	20.8	0.1	15.5	0.1	2.0	0.2																									
4/20/2016 7:36	0.2	20.8	0.1	15.5	0.1	1.8	0.2																									
4/20/2016 7:37	0.2	20.8	0.2	17.5	0.1	2.6	0.2																									
4/20/2016 7:38	0.2	20.8	0.1	16.0	0.1	1.4	0.2																									
4/20/2016 7:39	0.2	20.8	0.1	15.0	0.1	1.3	0.2																									
4/20/2016 7:40	0.2	20.8	0.1	16.0	0.1	1.2	0.2																									
4/20/2016 7:41	0.2	20.8	0.1	13.0	0.1	1.3	0.2																									
4/20/2016 7:42	0.2	20.8	0.1	12.5	0.1	1.1	0.2																									
4/20/2016 7:43	0.2	20.8	0.1	13.0	0.1	1.1	0.2																									
4/20/2016 7:44	0.2	20.8	0.1	12.5	0.1	1.1	0.2																									
4/20/2016 7:45	0.2	20.8	0.2	14.0	0.1	1.1	0.2																									
4/20/2016 7:46	0.2	20.8	0.2	14.0	0.1	1.0	0.2																									
4/20/2016 7:47	0.2	20.8	0.1	13.0	0.1	1.7	0.2																									
4/20/2016 7:48	0.2	20.7	0.7	29.0	0.1	16.4	0.2																									
4/20/2016 7:49	0.2	20.7	1.2	59.5	0.1	19.0	0.2																									
4/20/2016 7:50	0.2	20.7	1.4	68.0	0.1	19.5	0.2																									
4/20/2016 7:51	0.3	20.7	1.4	67.5	0.1	18.7	0.2																									
4/20/2016 7:52	0.3	20.7	1.3	61.5	0.1	16.2	0.2																									
4/20/2016 7:53	0.2	20.7	1.1	50.0	0.1	12.5	0.2																									
4/20/2016 7:54	0.3	20.7	1.3	54.0	0.1	17.5	0.2																									
4/20/2016 7:55	0.2	20.7	1.3	60.5	0.1	13.8	0.2																									
4/20/2016 7:56	0.3	20.7	1.6	62.5	0.1	20.9	0.2																									
4/20/2016 7:57	0.3	20.7	2.0	83.0	0.1	23.1	0.2																									
4/20/2016 7:58	0.3	20.7	2.1	90.0	0.1	24.8	0.2																									

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/20/2016 7:59	0.3	20.7	2.1	87.5	0.1	24.4	0.2																											
4/20/2016 8:00	0.2	20.7	2.2	85.5	0.1	24.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.9	79.8	0.0	24.0	0.2
4/20/2016 8:01	0.2	20.7	2.2	88.5	0.1	25.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.9	82.8	0.0	25.0	0.2
4/20/2016 8:02	0.2	20.7	2.1	91.5	0.1	26.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.8	85.9	0.0	25.4	0.2
4/20/2016 8:03	0.2	20.7	1.8	91.0	0.1	25.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.5	85.4	0.0	25.2	0.2
4/20/2016 8:04	0.2	20.7	1.3	88.0	0.1	21.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.0	82.3	0.0	21.4	0.2
4/20/2016 8:05	0.2	20.7	1.0	84.5	0.1	24.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.7	78.8	0.0	23.7	0.2
4/20/2016 8:06	0.2	20.7	0.7	92.5	0.1	26.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.4	86.9	0.0	25.3	0.2
4/20/2016 8:07	0.2	20.7	0.4	92.5	0.1	24.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.2	86.9	0.0	23.7	0.2
4/20/2016 8:08	0.2	20.7	0.2	97.0	0.1	24.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	91.5	0.0	23.9	0.2
4/20/2016 8:09	0.2	20.7	0.1	99.0	0.1	25.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	93.5	0.0	25.1	0.2
4/20/2016 8:10	0.2	20.7	0.1	83.0	0.1	21.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	77.2	0.0	21.4	0.2
4/20/2016 8:11	0.2	20.7	0.3	77.0	0.1	16.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.1	71.1	0.0	15.7	0.2
4/20/2016 8:12	0.2	20.8	0.4	38.5	0.1	3.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.2	31.9	0.0	3.5	0.2
4/20/2016 8:13	0.2	20.8	0.2	9.5	0.1	2.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.0	2.3	0.0	2.2	0.2
4/20/2016 8:14	0.1	20.8	0.1	5.0	0.1	1.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	-2.3	-0.1	1.2	0.2
4/20/2016 8:15	0.1	20.8	0.1	4.5	0.1	0.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-2.8	-0.1	0.9	0.2
4/20/2016 8:16	0.1	20.8	0.1	4.5	0.1	0.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-2.8	-0.1	0.7	0.2
4/20/2016 8:17	0.1	20.7	0.4	7.5	0.1	11.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	0.2	0.3	-0.1	10.7	0.2
4/20/2016 8:18	0.2	20.8	1.6	55.5	0.1	25.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.3	49.2	0.0	24.9	0.2
4/20/2016 8:19	0.2	20.8	1.5	79.0	0.1	28.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.9	1.2	73.1	0.0	28.0	0.2
4/20/2016 8:20	0.2	20.8	1.6	82.5	0.1	28.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.9	1.3	76.7	0.0	27.8	0.2
4/20/2016 8:21	0.2	20.8	1.6	78.5	0.1	26.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.9	1.3	72.6	0.0	25.7	0.2
4/20/2016 8:22	0.2	20.8	1.6	74.0	0.1	26.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.3	68.1	0.0	26.0	0.2
4/20/2016 8:23	0.2	20.8	1.8	75.0	0.1	29.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.5	69.1	0.0	28.7	0.2
4/20/2016 8:24	0.2	20.8	1.8	87.5	0.1	28.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.5	81.8	0.0	27.7	0.2
4/20/2016 8:25	0.2	20.8	1.5	70.0	0.1	23.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.2	64.0	0.0	23.2	0.2
4/20/2016 8:26	0.2	20.8	1.6	73.5	0.1	26.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.3	67.5	0.0	25.7	0.2
4/20/2016 8:27	0.2	20.8	1.7	82.0	0.1	27.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.4	76.2	0.0	26.3	0.2
4/20/2016 8:28	0.1	20.8	1.7	81.0	0.1	25.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.4	75.2	0.0	24.9	0.2
4/20/2016 8:29	0.1	20.8	1.6	78.5	0.1	25.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	1.3	72.6	0.0	24.8	0.2
4/20/2016 8:30	0.1	20.8	1.5	75.0	0.1	23.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	1.2	69.1	0.0	22.7	0.2
4/20/2016 8:31	0.1	20.7	1.5	71.5	0.1	24.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	1.2	65.5	0.0	23.5	0.2
4/20/2016 8:32	0.1	20.7	1.6	79.5	0.1	29.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	1.3	73.7	0.0	28.7	0.2
4/20/2016 8:33	0.1	20.8	1.5	81.5	0.1	24.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	1.2	75.7	0.0	24.1	0.2
4/20/2016 8:34	0.1	20.7	1.6	82.0	0.1	27.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	1.3	76.2	0.0	26.7	0.2
4/20/2016 8:35	0.1	20.7	1.7	81.5	0.1	22.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	1.4	75.7	0.0	22.1	0.2
4/20/2016 8:36	0.1	20.7	1.6	86.5	0.1	25.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	1.3	80.8	0.0	24.9	0.2
4/20/2016 8:37	0.1	20.7	1.2	76.5	0.1	20.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	1.0	70.6	0.0	19.6	0.2
4/20/2016 8:38	0.1	20.7	0.9	82.0	0.1	29.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	0.7	76.2	0.0	28.4	0.2
4/20/2016 8:39	0.1	20.7	0.9	96.0	0.1	27.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	0.6	90.5	0.0	27.0	0.2
4/20/2016 8:40	0.1	20.7	0.6	90.5	0.1	24.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	0.3	84.9	0.0	23.8	0.2
4/20/2016 8:41	0.1	20.7	0.2	86.5	0.1	26.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	80.8	0.0	25.4	0.2
4/20/2016 8:42	0.1	20.8	0.1	87.0	0.1	26.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	81.3	0.0	26.0	0.2
4/20/2016 8:43	0.1	20.8	0.1	81.0	0.1	27.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	75.2	0.0	26.9	0.2
4/20/2016 8:44	0.1	20.8	0.1	71.0	0.1	26.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	65.0	0.0	25.6	0.2
4/20/2016 8:45	0.1	20.7	0.1	58.5	0.1	22.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	52.2	0.0	21.7	0.2
4/20/2016 8:46	0.1	20.7	0.1	49.5	0.1	23.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	43.1	0.0	23.2	0.2
4/20/2016 8:47	0.1	20.7	0.1	45.5	0.1	24.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	39.0	-0.1	24.2	0.2
4/20/2016 8:48	0.1	20.7	0.1	42.5	0.1	26.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	35.9	-0.1	26.0	0.2
4/20/2016 8:49	0.1	20.7	0.1	36.0	0.1	26.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	29.3	-0.1	25.8	0.2
4/20/2016 8:50	0.1	20.7	0.1	28.0	0.1	26.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	21.2	0.0	26.1	0.2
4/20/2016 8:51	0.1	20.7	0.1	19.5	0.1	21.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	12.5	-0.1	21.1	0.2
4/20/2016 8:52	0.1	20.7	0.1	9.5	0.1	21.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	2.3	-0.1	21.2	0.2
4/20/2016 8:53	0.1	20.7	0.1	4.0	0.1	19.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-3.3	-0.1	18.6	0.2
4/20/2016 8:54	0.1	20.7	0.1	1.0	0.1	18.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.4	-0.1	18.1	0.2
4/20/2016 8:55	0.1	20.7	0.1	0.5	0.1	18.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	18.5	0.2
4/20/2016 8:56	0.1	20.8	0.1	0.0	0.1	19.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	19.3	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/20/2016 8:57	0.1	20.7	0.1	0.0	0.1	19.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	18.7	0.2
4/20/2016 8:58	0.1	20.7	0.1	0.0	0.1	20.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	20.2	0.2
4/20/2016 8:59	0.1	20.7	0.1	0.0	0.1	19.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	18.6	0.2
4/20/2016 9:00	0.1	20.7	0.1	0.0	0.1	19.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	19.4	0.2
4/20/2016 9:01	0.1	20.7	0.1	0.0	0.1	18.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	18.2	0.2
4/20/2016 9:02	0.1	20.7	0.1	0.0	0.1	19.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	18.6	0.2
4/20/2016 9:03	0.1	20.7	0.1	0.0	0.1	20.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	19.6	0.2
4/20/2016 9:04	0.0	20.7	0.1	0.0	0.1	18.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	17.6	0.2
4/20/2016 9:05	0.1	20.7	0.1	0.0	0.1	18.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	18.1	0.2
4/20/2016 9:06	0.1	20.7	0.1	0.0	0.1	20.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	20.3	0.2
4/20/2016 9:07	0.1	20.7	0.1	0.0	0.1	23.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	22.9	0.2
4/20/2016 9:08	0.1	20.7	0.1	0.0	0.1	16.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	15.6	0.2
4/20/2016 9:09	0.1	20.7	0.1	1.0	0.1	15.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.4	-0.1	15.5	0.2
4/20/2016 9:10	0.1	20.7	0.1	0.5	0.1	18.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	18.1	0.2
4/20/2016 9:11	0.1	20.7	0.1	0.5	0.1	20.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	19.6	0.2
4/20/2016 9:12	0.1	20.7	0.1	0.5	0.0	17.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	17.3	0.2
4/20/2016 9:13	0.1	20.7	0.1	0.5	0.1	13.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	13.5	0.2
4/20/2016 9:14	0.1	20.7	0.1	0.0	0.0	14.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	14.0	0.2
4/20/2016 9:15	0.1	20.7	0.1	0.5	0.0	15.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	15.4	0.2
4/20/2016 9:16	0.1	20.7	0.1	0.0	0.1	15.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	15.1	0.2
4/20/2016 9:17	0.1	20.7	0.1	0.5	0.0	14.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	13.8	0.2
4/20/2016 9:18	0.1	20.7	0.1	0.5	0.0	13.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	13.0	0.2
4/20/2016 9:19	0.1	20.7	0.1	0.5	0.1	13.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	13.0	0.2
4/20/2016 9:20	0.1	20.7	0.1	0.5	0.0	14.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	14.4	0.2
4/20/2016 9:21	0.1	20.7	0.1	0.5	0.0	16.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	16.4	0.2
4/20/2016 9:22	0.1	20.7	0.1	0.0	0.0	19.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-7.4	-0.1	18.8	0.2
4/20/2016 9:23	0.1	20.7	0.1	0.5	0.0	17.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-6.9	-0.1	17.2	0.2
4/20/2016 9:24	0.2	20.7	0.1	0.0	0.0	13.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-7.4	-0.1	13.5	0.2
4/20/2016 9:25	0.2	20.7	0.1	0.0	0.0	16.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-7.4	-0.1	15.9	0.2
4/20/2016 9:26	0.2	20.7	0.1	0.5	0.0	17.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-6.9	-0.1	17.5	0.2
4/20/2016 9:27	0.2	20.7	0.1	0.0	0.0	18.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-7.4	-0.1	17.6	0.2
4/20/2016 9:28	0.2	20.7	0.2	0.0	0.0	14.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	-7.4	-0.1	14.0	0.2
4/20/2016 9:29	0.2	20.7	0.1	0.0	0.0	11.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	-7.4	-0.1	11.2	0.2
4/20/2016 9:30	0.2	20.7	0.1	0.0	0.0	12.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	-7.4	-0.1	12.3	0.2
4/20/2016 9:31	0.2	20.7	0.2	0.5	0.1	12.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	-6.9	-0.1	12.3	0.2
4/20/2016 9:32	0.2	20.7	0.1	0.5	0.0	11.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-6.9	-0.1	11.2	0.2
4/20/2016 9:33	0.2	20.7	0.1	0.0	0.0	13.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-7.4	-0.1	13.3	0.2
4/20/2016 9:34	0.2	20.7	0.1	0.0	0.0	15.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-7.4	-0.1	14.7	0.2
4/20/2016 9:35	0.1	20.7	0.1	0.5	0.0	16.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-6.9	-0.1	16.4	0.2
4/20/2016 9:36	0.1	20.7	0.1	0.5	0.0	14.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-6.9	-0.1	14.3	0.2
4/20/2016 9:37	0.1	20.8	0.1	0.5	0.0	19.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-6.9	-0.1	19.0	0.2
4/20/2016 9:38	0.1	20.8	0.0	0.0	0.0	16.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	15.9	0.2
4/20/2016 9:39	0.1	20.8	0.1	0.5	0.0	14.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	14.4	0.2
4/20/2016 9:40	0.1	20.8	0.1	0.5	0.0	18.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	18.3	0.2
4/20/2016 9:41	0.1	20.8	0.1	0.5	0.0	19.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	18.6	0.2
4/20/2016 9:42	0.1	20.8	0.1	0.5	0.0	18.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	17.5	0.2
4/20/2016 9:43	0.1	20.8	0.1	0.5	0.0	16.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	15.7	0.2
4/20/2016 9:44	0.1	20.8	0.1	0.5	0.0	17.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	16.9	0.2
4/20/2016 9:45	0.1	20.8	0.1	0.5	0.0	19.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	18.5	0.2
4/20/2016 9:46	0.1	20.8	0.1	0.0	0.0	20.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.9	-0.2	-7.4	-0.1	19.8	0.2
4/20/2016 9:47	0.1	20.8	0.1	0.5	0.1	17.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	17.3	0.2
4/20/2016 9:48	0.1	20.8	0.1	0.5	0.0	14.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	13.8	0.2
4/20/2016 9:49	0.1	20.8	0.1	0.5	0.0	16.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	15.8	0.2
4/20/2016 9:50	0.1	20.8	0.1	0.5	0.1	17.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	16.7	0.2
4/20/2016 9:51	0.1	20.7	0.1	2.5	0.1	17.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-4.8	0.0	16.7	0.2
4/20/2016 9:52	0.1	20.7	0.1	1.0	0.1	16.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.4	-0.1	15.6	0.2
4/20/2016 9:53	0.1	20.8	0.1	1.5	0.1	16.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-5.9	-0.1	16.2	0.2
4/20/2016 9:54	0.1	20.8	0.1	3.0	0.1	19.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-4.3	-0.1	19.1	0.2
4/20/2016 9:55	0.1	20.8	0.1	0.5	0.0	23.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	22.7	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/20/2016 9:56	0.1	20.7	0.1	0.5	0.0	21.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	20.8	0.2
4/20/2016 9:57	0.1	20.7	0.1	0.5	0.0	17.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	16.9	0.2
4/20/2016 9:58	0.1	20.7	0.1	0.5	0.0	17.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	16.8	0.2
4/20/2016 9:59	0.1	20.8	0.1	0.5	0.0	17.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	16.7	0.2
4/20/2016 10:00	0.1	20.7	0.1	0.5	0.0	16.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	15.7	0.2
4/20/2016 10:01	0.1	20.8	0.1	0.5	0.0	16.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	16.4	0.2
4/20/2016 10:02	0.1	20.8	0.1	0.5	0.0	17.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	17.4	0.2
4/20/2016 10:03	0.0	20.8	0.1	0.5	0.0	18.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	18.1	0.2
4/20/2016 10:04	0.0	20.7	0.1	0.5	0.0	17.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	17.1	0.2
4/20/2016 10:05	0.1	20.7	0.1	0.5	0.0	17.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	16.6	0.2
4/20/2016 10:06	0.1	20.7	0.1	0.5	0.0	15.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-6.9	-0.1	15.5	0.2
4/20/2016 10:07	0.1	20.7	0.1	0.0	0.0	13.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-7.4	-0.1	13.1	0.2
4/20/2016 10:08	0.0	20.7	0.1	0.5	0.0	11.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	10.9	0.2
4/20/2016 10:09	0.0	20.7	0.1	0.0	0.0	12.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	12.5	0.2
4/20/2016 10:10	0.0	20.7	0.1	0.5	0.0	13.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	13.2	0.2
4/20/2016 10:11	0.0	20.7	0.1	0.5	0.0	12.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-6.9	-0.1	12.5	0.2
4/20/2016 10:12	0.0	20.7	0.1	0.0	0.0	9.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-7.4	-0.1	8.8	0.2
4/20/2016 10:13	0.0	20.7	0.1	0.0	0.0	8.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-7.4	-0.1	8.6	0.2
4/20/2016 10:14	0.0	20.7	0.2	0.5	0.0	9.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-6.9	-0.1	8.7	0.2
4/20/2016 10:15	0.0	20.7	0.2	1.0	0.0	10.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-6.4	-0.1	10.5	0.2
4/20/2016 10:16	0.0	20.7	0.2	0.5	0.0	10.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-6.9	-0.1	9.7	0.2
4/20/2016 10:17	0.0	20.7	0.1	0.0	0.0	9.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-7.4	-0.1	9.4	0.2
4/20/2016 10:18	0.0	20.7	0.1	0.0	0.0	8.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-7.4	-0.1	8.7	0.2
4/20/2016 10:19	0.0	20.7	0.1	0.0	0.0	9.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-7.4	-0.1	8.7	0.2
4/20/2016 10:20	0.0	20.7	0.1	0.5	0.0	8.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	8.4	0.2
4/20/2016 10:21	0.0	20.7	0.1	0.0	0.0	11.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	10.8	0.2
4/20/2016 10:22	0.0	20.7	0.1	0.0	0.0	10.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	10.1	0.2
4/20/2016 10:23	0.0	20.7	0.1	0.0	0.0	9.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	9.2	0.2
4/20/2016 10:24	0.0	20.7	0.1	0.0	0.0	10.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	10.6	0.2
4/20/2016 10:25	0.0	20.7	0.1	0.0	0.0	10.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	10.0	0.2
4/20/2016 10:26	0.0	20.7	0.1	0.5	0.0	12.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	-0.1	20.8	-0.2	-6.9	-0.1	11.7	0.2
4/20/2016 10:27	0.0	20.7	0.1	0.5	0.0	10.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-6.9	-0.1	10.4	0.2
4/20/2016 10:28	0.0	20.7	0.1	0.0	0.0	10.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	-0.1	20.8	-0.1	-7.4	-0.1	10.3	0.2
4/20/2016 10:29	0.0	20.7	0.1	0.0	0.0	9.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	-0.1	20.8	-0.2	-7.4	-0.1	9.5	0.2
4/20/2016 10:30	0.0	20.7	0.1	0.0	0.0	9.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	-0.1	20.8	-0.2	-7.4	-0.1	9.6	0.2
4/20/2016 10:31	0.0	20.7	0.1	0.5	0.0	11.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	-0.1	20.8	-0.1	-6.9	-0.1	11.1	0.2
4/20/2016 10:32	0.0	20.7	0.2	0.5	0.0	9.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	-0.1	20.8	-0.1	-6.9	-0.1	9.1	0.2
4/20/2016 10:33	0.0	20.7	0.1	0.5	0.0	10.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-6.9	-0.1	10.4	0.2
4/20/2016 10:34	0.1	20.7	0.1	0.5	0.0	10.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-6.9	-0.1	9.9	0.2
4/20/2016 10:35	0.1	20.7	0.1	0.5	0.0	10.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-6.9	-0.1	10.5	0.2
4/20/2016 10:36	0.1	20.7	0.1	0.0	0.1	9.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-7.4	-0.1	9.4	0.2
4/20/2016 10:37	0.1	20.7	0.1	0.0	0.0	9.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-7.4	-0.1	9.5	0.2
4/20/2016 10:38	0.1	20.7	0.1	0.0	0.0	8.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-7.4	-0.1	8.6	0.2
4/20/2016 10:39	0.1	20.7	0.1	6.0	0.0	10.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-1.3	-0.1	10.6	0.2
4/20/2016 10:40	0.1	20.7	0.2	33.0	0.0	5.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.7	0.0	26.3	-0.1	5.2	0.2
4/20/2016 10:41	0.1	20.7	0.3	22.5	0.0	4.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	0.0	15.5	-0.1	4.5	0.2
4/20/2016 10:42	0.1	20.7	0.2	16.5	0.0	3.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	0.0	9.4	-0.1	3.0	0.2
4/20/2016 10:43	0.1	20.8	0.1	6.0	0.0	2.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-1.3	-0.1	2.1	0.2
4/20/2016 10:44	0.1	20.8	0.3	5.0	0.0	2.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	0.0	-2.3	-0.1	2.3	0.2
4/20/2016 10:45	0.1	20.8	0.2	5.5	0.0	2.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	0.0	-1.8	-0.1	1.9	0.2
4/20/2016 10:46	0.1	20.7	0.1	5.0	0.0	1.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-2.3	-0.1	1.7	0.2
4/20/2016 10:47	0.1	20.7	0.1	5.0	0.0	1.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.2	-2.3	-0.1	1.6	0.2
4/20/2016 10:48	0.1	20.8	0.1	5.0	0.0	2.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-2.3	-0.1	2.7	0.2
4/20/2016 10:49	0.1	20.7	0.2	4.5	0.1	2.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	-0.1	-2.8	-0.1	1.9	0.2
4/20/2016 10:50	0.1	20.7	0.3	8.0	0.0	6.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	20.8	0.0	0.8	-0.1	6.5	0.2
4/20/2016 10:51	0.1	20.8	0.6	24.0	0.1	9.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.3	17.1	-0.1	9.3	0.2
4/20/2016 10:52	0.1	20.8	0.4	23.0	0.0	8.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.9	0.1	16.1	-0.1	8.4	0.2
4/20/2016 10:53	0.1	20.8	0.4	20.5	0.0	13.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.9	0.2	13.5	-0.1	13.0	0.2
4/20/2016 10:54	0.2	20.8	0.5	28.0	0.1	15.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.9	0.2	21.2	-0.1	15.2	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/20/2016 10:55	0.2	20.8	0.7	30.0	0.0	14.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.9	0.5	23.2	-0.1	14.6	0.2
4/20/2016 10:56	0.2	20.8	1.0	29.0	0.1	15.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.9	0.7	22.2	-0.1	15.4	0.2
4/20/2016 10:57	0.2	20.8	0.5	30.0	0.1	19.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.9	0.3	23.2	-0.1	18.7	0.2
4/20/2016 10:58	0.2	20.8	0.6	36.0	0.1	25.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.9	0.3	29.3	-0.1	25.1	0.2
4/20/2016 10:59	0.2	20.8	0.9	56.5	0.0	38.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.6	50.2	-0.1	37.1	0.2
4/20/2016 11:00	0.2	20.8	0.9	74.5	0.1	31.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	0.7	68.6	-0.1	31.2	0.2
4/20/2016 11:01	0.3	20.7	1.4	52.5	0.1	11.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.1	46.1	0.0	11.5	0.2
4/20/2016 11:02	0.4	20.6	2.3	29.0	0.1	10.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	2.0	22.2	0.0	10.4	0.2
4/20/2016 11:03	0.4	20.6	2.7	32.5	0.2	9.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	2.4	25.7	0.1	9.6	0.2
4/20/2016 11:04	0.4	20.6	3.0	29.5	0.2	7.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	2.7	22.7	0.1	7.3	0.2
4/20/2016 11:05	0.5	20.5	5.9	27.5	0.3	7.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.5	5.5	20.6	0.2	7.3	0.2
4/20/2016 11:06	0.5	20.6	5.9	35.0	0.5	36.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.6	5.5	28.3	0.4	35.2	0.2
4/20/2016 11:07	0.4	20.6	3.8	119.0	0.4	62.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.7	3.5	113.9	0.3	61.3	0.2
4/20/2016 11:08	0.4	20.6	3.7	117.5	0.3	32.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	3.3	112.4	0.2	31.9	0.2
4/20/2016 11:09	0.5	20.4	5.2	73.0	0.4	14.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.5	4.8	67.0	0.3	14.4	0.2
4/20/2016 11:10	0.7	20.3	7.7	54.0	0.6	12.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.6	20.3	7.2	47.7	0.5	12.2	0.2
4/20/2016 11:11	0.5	20.5	6.0	49.5	0.7	12.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.5	5.6	43.1	0.5	12.0	0.2
4/20/2016 11:12	0.5	20.5	5.7	42.5	0.6	12.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.6	5.3	35.9	0.5	12.4	0.2
4/20/2016 11:13	0.4	20.6	5.8	36.5	0.5	10.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.6	5.4	29.8	0.4	10.5	0.2
4/20/2016 11:14	0.4	20.6	4.5	34.0	0.5	11.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	4.1	27.3	0.4	11.1	0.2
4/20/2016 11:15	0.4	20.6	4.2	36.0	0.4	22.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	3.8	29.3	0.3	21.4	0.2
4/20/2016 11:16	0.5	20.3	4.5	110.5	0.6	43.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.4	4.1	105.3	0.5	42.6	0.2
4/20/2016 11:17	1.4	19.5	13.9	98.5	4.4	9.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.4	19.5	13.3	93.0	4.2	9.3	0.2
4/20/2016 11:18	1.6	19.4	16.1	65.5	7.9	9.1	1.8	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.6	19.5	15.5	59.4	7.8	8.9	1.9
4/20/2016 11:19	1.0	20.1	9.4	58.5	5.7	8.5	4.7	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.9	20.1	8.9	52.2	5.6	8.3	5.0
4/20/2016 11:20	0.8	20.2	8.2	48.5	3.9	8.9	2.5	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.8	20.3	7.8	42.1	3.7	8.6	2.7
4/20/2016 11:21	0.8	20.2	9.1	53.0	3.0	10.3	1.0	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.7	20.3	8.6	46.6	2.9	10.1	1.1
4/20/2016 11:22	0.7	20.3	7.6	52.0	2.3	11.8	0.3	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.6	20.4	7.1	45.6	2.2	11.5	0.3
4/20/2016 11:23	0.7	20.3	8.3	56.0	2.1	11.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.6	20.4	7.9	49.7	2.0	11.5	0.2
4/20/2016 11:24	0.6	20.5	6.2	56.0	1.7	12.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.6	5.8	49.7	1.6	12.4	0.2
4/20/2016 11:25	0.5	20.5	5.8	55.5	1.4	14.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.6	5.4	49.2	1.3	14.2	0.2
4/20/2016 11:26	0.5	20.5	6.2	61.5	1.3	15.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.6	5.8	55.3	1.2	15.3	0.2
4/20/2016 11:27	0.5	20.6	5.3	66.0	1.1	16.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.6	4.9	59.9	1.0	16.2	0.2
4/20/2016 11:28	0.5	20.6	4.8	64.0	1.0	17.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.7	4.4	57.9	0.9	16.9	0.2
4/20/2016 11:29	0.5	20.6	5.5	74.0	1.1	20.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.6	5.1	68.1	1.0	19.9	0.2
4/20/2016 11:30	0.4	20.6	4.1	67.5	0.9	17.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.7	3.8	61.4	0.7	17.4	0.2
4/20/2016 11:31	0.4	20.6	4.2	62.5	0.8	19.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	3.8	56.3	0.6	18.7	0.2
4/20/2016 11:32	0.4	20.7	3.6	63.5	0.7	20.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	3.2	57.3	0.6	19.8	0.2
4/20/2016 11:33	0.4	20.7	3.8	70.0	0.6	24.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	3.5	64.0	0.5	24.2	0.2
4/20/2016 11:34	0.4	20.7	3.8	75.5	0.6	22.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	3.4	69.6	0.5	21.4	0.2
4/20/2016 11:35	0.4	20.7	3.2	61.0	0.5	20.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.9	54.8	0.4	19.8	0.2
4/20/2016 11:36	0.4	20.7	3.1	62.0	0.5	23.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.8	55.8	0.4	23.0	0.2
4/20/2016 11:37	0.4	20.7	3.2	66.0	0.5	24.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	2.9	59.9	0.4	23.6	0.2
4/20/2016 11:38	0.4	20.7	2.9	62.0	0.4	25.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.6	55.8	0.3	25.0	0.2
4/20/2016 11:39	0.4	20.7	2.9	63.0	0.4	25.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.6	56.8	0.3	24.9	0.2
4/20/2016 11:40	0.4	20.7	2.9	60.5	0.4	23.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.6	54.3	0.3	23.2	0.2
4/20/2016 11:41	0.4	20.7	2.9	59.0	0.4	23.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.6	52.8	0.3	22.5	0.2
4/20/2016 11:42	0.3	20.7	2.8	54.5	0.4	20.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.5	48.2	0.3	20.0	0.2
4/20/2016 11:43	0.4	20.5	6.9	72.0	0.5	36.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.5	6.5	66.0	0.4	35.9	0.2
4/20/2016 11:44	0.6	20.5	7.4	141.5	1.2	29.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.5	6.9	136.9	1.1	28.8	0.2
4/20/2016 11:45	0.4	20.6	4.4	97.0	0.8	27.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	4.0	91.5	0.7	26.8	0.2
4/20/2016 11:46	0.3	20.7	3.3	68.0	0.5	26.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	2.9	61.9	0.4	25.3	0.2
4/20/2016 11:47	0.4	20.7	3.7	73.0	0.5	33.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	3.3	67.0	0.4	32.9	0.2
4/20/2016 11:48	0.3	20.7	2.9	75.0	0.4	27.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.6	69.1	0.3	26.8	0.2
4/20/2016 11:49	0.3	20.7	2.8	63.5	0.4	29.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	2.5	57.3	0.3	29.2	0.2
4/20/2016 11:50	0.4	20.6	3.8	75.0	0.4	42.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	3.5	69.1	0.3	41.6	0.2
4/20/2016 11:51	0.4	20.6	4.7	117.0	0.6	51.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.7	4.3	111.9	0.5	50.7	0.2
4/20/2016 11:52	0.4	20.7	2.8	99.5	0.5	28.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.5	94.0	0.3	27.9	0.2
4/20/2016 11:53	0.3	20.7	3.3	61.5	0.4	36.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	3.0	55.3	0.3	35.6	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/20/2016 11:54	0.4	20.7	2.5	78.5	0.4	26.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.2	72.6	0.3	25.9	0.2
4/20/2016 11:55	0.3	20.7	2.3	57.0	0.3	27.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	2.0	50.7	0.2	27.2	0.2
4/20/2016 11:56	0.4	20.6	3.8	70.5	0.3	61.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	3.5	64.5	0.2	59.8	0.2
4/20/2016 11:57	0.6	20.4	8.5	193.0	0.8	86.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.5	8.1	189.4	0.7	84.2	0.2
4/20/2016 11:58	0.6	20.5	7.4	235.0	1.0	62.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.6	6.9	232.2	0.8	60.8	0.2
4/20/2016 11:59	0.4	20.7	3.6	121.0	0.5	48.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	3.3	116.0	0.4	47.1	0.2
4/20/2016 12:00	0.4	20.7	2.7	86.0	0.4	39.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.4	80.3	0.3	38.7	0.2
4/20/2016 12:01	0.3	20.7	2.6	73.5	0.3	39.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	2.3	67.5	0.2	38.8	0.2
4/20/2016 12:02	0.3	20.7	3.0	73.0	0.3	42.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.7	67.0	0.2	41.4	0.2
4/20/2016 12:03	0.4	20.6	5.3	114.5	0.4	78.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	4.9	109.3	0.3	76.8	0.2
4/20/2016 12:04	0.5	20.6	4.4	175.5	0.5	41.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.7	4.0	171.5	0.4	40.5	0.2
4/20/2016 12:05	0.3	20.7	2.7	90.0	0.3	28.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	2.4	84.4	0.2	28.0	0.2
4/20/2016 12:06	0.4	20.6	4.5	118.0	0.4	42.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	4.1	112.9	0.3	41.7	0.2
4/20/2016 12:07	0.3	20.7	2.7	103.0	0.3	24.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.8	2.4	97.6	0.2	24.0	0.2
4/20/2016 12:08	0.3	20.7	2.5	69.0	0.3	22.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	2.2	63.0	0.2	21.5	0.2
4/20/2016 12:09	0.3	20.7	2.2	62.0	0.3	21.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.9	55.8	0.1	20.8	0.2
4/20/2016 12:10	0.3	20.7	2.5	70.5	0.3	28.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	2.2	64.5	0.1	28.2	0.2
4/20/2016 12:11	0.3	20.7	2.3	78.5	0.3	26.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	2.0	72.6	0.1	25.8	0.2
4/20/2016 12:12	0.3	20.7	2.3	73.0	0.3	24.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	2.0	67.0	0.1	24.2	0.2
4/20/2016 12:13	0.3	20.7	1.9	63.5	0.2	19.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.6	57.3	0.1	19.2	0.2
4/20/2016 12:14	0.3	20.7	2.2	62.5	0.2	22.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.9	56.3	0.1	22.0	0.2
4/20/2016 12:15	0.3	20.7	2.2	70.0	0.3	24.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.9	64.0	0.1	24.0	0.2
4/20/2016 12:16	0.3	20.6	2.9	93.0	0.3	29.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	2.6	87.4	0.2	28.8	0.2
4/20/2016 12:17	0.2	20.7	2.2	75.5	0.3	23.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.9	69.6	0.2	22.9	0.2
4/20/2016 12:18	0.3	20.6	3.0	91.5	0.3	34.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	2.7	85.9	0.2	33.6	0.2
4/20/2016 12:19	0.3	20.6	3.6	132.5	0.3	35.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	3.2	127.7	0.2	34.4	0.2
4/20/2016 12:20	0.2	20.6	2.6	100.0	0.3	37.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	2.3	94.6	0.2	36.9	0.2
4/20/2016 12:21	0.4	20.5	5.3	169.5	0.4	50.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	4.9	165.4	0.3	49.2	0.2
4/20/2016 12:22	0.3	20.6	4.0	164.5	0.4	42.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	3.6	160.3	0.3	41.8	0.2
4/20/2016 12:23	0.2	20.7	3.2	134.5	0.4	32.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	2.9	129.7	0.3	31.8	0.2
4/20/2016 12:24	0.2	20.7	3.7	126.5	0.3	41.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.7	3.4	121.6	0.2	40.6	0.2
4/20/2016 12:25	0.2	20.7	3.9	160.0	0.3	43.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.7	3.5	155.7	0.2	42.4	0.2
4/20/2016 12:26	0.2	20.7	2.6	123.0	0.3	30.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	2.3	118.0	0.2	30.1	0.2
4/20/2016 12:27	0.2	20.7	3.4	119.5	0.3	40.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	3.0	114.4	0.2	39.5	0.2
4/20/2016 12:28	0.2	20.7	2.3	105.5	0.3	21.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	2.0	100.2	0.1	20.9	0.2
4/20/2016 12:29	0.2	20.7	1.7	68.0	0.2	19.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.4	61.9	0.1	19.1	0.2
4/20/2016 12:30	0.2	20.7	1.5	83.0	0.2	20.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.2	77.2	0.1	19.7	0.2
4/20/2016 12:31	0.2	20.7	0.9	72.0	0.2	18.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.7	66.0	0.1	17.9	0.2
4/20/2016 12:32	0.2	20.7	1.0	108.5	0.2	31.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.8	103.2	0.1	30.3	0.2
4/20/2016 12:33	0.2	20.7	1.0	133.0	0.2	27.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.7	128.2	0.1	27.0	0.2
4/20/2016 12:34	0.2	20.7	0.8	117.0	0.2	21.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.6	111.9	0.1	21.3	0.2
4/20/2016 12:35	0.2	20.7	0.5	100.5	0.2	22.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.2	95.1	0.1	22.0	0.2
4/20/2016 12:36	0.2	20.7	0.3	94.5	0.2	16.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.0	88.9	0.1	15.9	0.2
4/20/2016 12:37	0.2	20.7	0.2	71.5	0.2	21.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	65.5	0.1	20.5	0.2
4/20/2016 12:38	0.2	20.7	0.3	81.5	0.2	17.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.0	75.7	0.1	16.7	0.2
4/20/2016 12:39	0.2	20.7	0.3	59.0	0.2	13.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.0	52.8	0.1	12.6	0.2
4/20/2016 12:40	0.2	20.7	0.2	43.5	0.2	11.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.0	37.0	0.1	10.8	0.2
4/20/2016 12:41	0.2	20.7	0.2	34.0	0.2	13.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	27.3	0.1	12.7	0.2
4/20/2016 12:42	0.2	20.7	0.1	40.0	0.2	18.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	33.4	0.1	18.4	0.2
4/20/2016 12:43	0.2	20.7	0.2	42.0	0.2	10.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.0	35.4	0.1	10.4	0.2
4/20/2016 12:44	0.2	20.7	0.2	21.5	0.1	9.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	14.5	0.0	9.7	0.2
4/20/2016 12:45	0.2	20.7	0.1	8.0	0.1	11.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	0.8	0.0	10.7	0.2
4/20/2016 12:46	0.2	20.7	0.2	3.5	0.1	8.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	-3.8	0.0	7.9	0.2
4/20/2016 12:47	0.2	20.7	0.3	0.5	0.1	11.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.1	-6.9	0.0	10.7	0.2
4/20/2016 12:48	0.2	20.7	0.2	0.5	0.1	8.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	-6.9	0.0	7.9	0.2
4/20/2016 12:49	0.2	20.7	0.1	0.5	0.1	6.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	-6.9	0.0	6.7	0.2
4/20/2016 12:50	0.2	20.7	0.1	0.5	0.1	8.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-6.9	0.0	8.4	0.2
4/20/2016 12:51	0.2	20.7	0.1	0.5	0.1	9.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.2	-6.9	0.0	9.3	0.2
4/20/2016 12:52	0.2	20.7	0.1	0.5	0.1	10.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	-0.1	-6.9	0.0	9.9	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/20/2016 12:53	0.2	20.7	0.2	3.0	0.1	9.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.0	-4.3	0.0	9.0	0.2
4/20/2016 12:54	0.2	20.8	0.3	15.5	0.1	4.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.1	8.4	-0.1	4.5	0.2
4/20/2016 12:55	0.2	20.7	0.8	14.5	0.1	9.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.5	7.4	0.0	8.8	0.2
4/20/2016 12:56	0.2	20.7	1.0	31.0	0.1	8.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.8	24.2	0.0	8.3	0.2
4/20/2016 12:57	0.2	20.7	0.9	26.5	0.1	8.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.6	19.6	0.0	8.0	0.2
4/20/2016 12:58	0.2	20.7	1.0	27.0	0.1	8.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.8	20.1	0.0	8.7	0.2
4/20/2016 12:59	0.3	20.6	3.2	64.5	0.2	31.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.9	58.4	0.1	31.1	0.2
4/20/2016 13:00	0.3	20.6	2.1	101.5	0.2	17.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.8	96.1	0.1	17.4	0.2
4/20/2016 13:01	0.3	20.6	1.6	61.0	0.2	13.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.3	54.8	0.1	13.4	0.2
4/20/2016 13:02	0.2	20.6	1.7	51.5	0.1	18.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.4	45.1	0.0	17.9	0.2
4/20/2016 13:03	0.3	20.6	1.7	70.5	0.2	17.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.4	64.5	0.1	16.8	0.2
4/20/2016 13:04	0.2	20.6	1.6	64.5	0.1	23.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.3	58.4	0.0	23.0	0.2
4/20/2016 13:05	0.2	20.7	2.2	101.5	0.2	30.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.9	96.1	0.1	30.1	0.2
4/20/2016 13:06	0.2	20.7	2.2	128.0	0.2	26.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.9	123.1	0.1	25.8	0.2
4/20/2016 13:07	0.2	20.5	1.4	117.0	0.2	22.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.5	1.1	111.9	0.1	22.3	0.2
4/20/2016 13:08	0.2	20.5	1.1	112.5	0.1	22.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.5	0.9	107.3	0.0	21.8	0.2
4/20/2016 13:09	0.2	20.5	0.6	119.5	0.1	23.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.5	0.3	114.4	0.0	22.8	0.2
4/20/2016 13:10	0.2	20.3	2.1	81.0	0.2	34.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.4	1.8	75.2	0.1	33.5	0.2
4/20/2016 13:11	0.2	20.4	2.6	97.0	0.2	33.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.4	2.3	91.5	0.1	32.8	0.2
4/20/2016 13:12	0.3	20.5	2.4	93.5	0.2	43.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	2.1	87.9	0.1	42.8	0.2
4/20/2016 13:13	0.3	20.6	2.4	110.0	0.2	46.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.1	104.8	0.1	45.4	0.2
4/20/2016 13:14	0.3	20.6	2.8	120.0	0.1	50.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.5	114.9	0.0	49.4	0.2
4/20/2016 13:15	0.3	20.5	2.6	115.5	0.2	32.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.3	110.4	0.1	32.1	0.2
4/20/2016 13:16	0.3	20.6	2.4	93.5	0.1	55.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.1	87.9	0.0	54.4	0.2
4/20/2016 13:17	0.2	15.1	2.1	109.5	0.2	44.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	15.1	1.8	104.2	0.1	43.2	0.2
4/20/2016 13:18	0.1	0.7	0.8	30.0	0.1	20.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.0	0.7	0.6	23.2	0.0	20.4	0.2
4/20/2016 13:19	0.2	13.9	2.2	55.5	0.1	37.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	13.9	1.9	49.2	0.0	37.0	0.2
4/20/2016 13:20	0.3	20.4	2.7	109.0	0.1	45.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.4	2.4	103.7	0.0	43.9	0.2
4/20/2016 13:21	0.3	20.5	2.6	116.5	0.2	37.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.3	111.4	0.1	36.6	0.2
4/20/2016 13:22	0.3	20.6	2.6	101.5	0.2	39.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.3	96.1	0.1	39.0	0.2
4/20/2016 13:23	0.3	20.5	2.8	107.5	0.2	40.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.5	102.2	0.1	39.9	0.2
4/20/2016 13:24	0.3	20.5	2.7	106.5	0.2	39.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.4	101.2	0.1	38.0	0.2
4/20/2016 13:25	0.3	20.5	2.5	100.5	0.2	42.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.2	95.1	0.1	41.6	0.2
4/20/2016 13:26	0.3	20.5	2.6	110.0	0.2	39.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	2.3	104.8	0.1	38.4	0.2
4/20/2016 13:27	0.2	20.5	2.6	103.0	0.2	43.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	2.3	97.6	0.1	42.6	0.2
4/20/2016 13:28	0.3	20.4	2.5	103.5	0.2	31.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	2.2	98.1	0.1	30.5	0.2
4/20/2016 13:29	0.2	20.4	2.3	81.0	0.2	34.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.5	2.0	75.2	0.1	34.0	0.2
4/20/2016 13:30	0.2	20.4	2.7	103.5	0.2	44.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	2.4	98.1	0.1	43.5	0.2
4/20/2016 13:31	0.2	20.4	2.6	116.0	0.2	39.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	2.3	110.9	0.1	38.0	0.2
4/20/2016 13:32	0.2	20.4	2.6	115.0	0.2	42.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.4	2.3	109.8	0.1	41.7	0.2
4/20/2016 13:33	0.2	20.4	2.3	110.0	0.2	35.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	2.0	104.8	0.1	35.1	0.2
4/20/2016 13:34	0.2	20.4	2.4	108.0	0.2	41.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	2.1	102.7	0.1	40.6	0.2
4/20/2016 13:35	0.2	20.5	2.5	118.5	0.2	47.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.5	2.2	113.4	0.1	46.5	0.2
4/20/2016 13:36	0.2	20.5	3.1	140.5	0.2	49.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.6	2.8	135.8	0.1	48.4	0.2
4/20/2016 13:37	0.2	20.6	2.9	144.0	0.2	45.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.6	2.6	139.4	0.1	44.2	0.2
4/20/2016 13:38	0.2	20.5	2.0	99.0	0.2	33.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.5	1.7	93.5	0.1	32.3	0.2
4/20/2016 13:39	0.2	20.5	2.2	90.0	0.2	47.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.6	1.9	84.4	0.1	46.5	0.2
4/20/2016 13:40	0.2	20.5	2.3	108.0	0.2	49.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.6	2.0	102.7	0.1	48.3	0.2
4/20/2016 13:41	0.3	20.5	3.2	130.0	0.2	51.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	2.9	125.1	0.1	50.5	0.2
4/20/2016 13:42	0.2	20.6	2.0	99.5	0.2	42.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.6	1.7	94.0	0.1	41.1	0.2
4/20/2016 13:43	0.2	20.5	2.5	109.0	0.2	46.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.6	2.2	103.7	0.1	45.8	0.2
4/20/2016 13:44	0.2	20.6	1.8	89.5	0.1	37.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.6	1.5	83.9	0.0	36.8	0.2
4/20/2016 13:45	0.2	20.6	1.8	86.5	0.1	44.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.6	1.5	80.8	0.0	43.3	0.2
4/20/2016 13:46	0.2	20.6	1.8	91.5	0.1	44.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.6	1.5	85.9	0.0	43.6	0.2
4/20/2016 13:47	0.2	20.6	2.1	108.0	0.1	55.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.8	102.7	0.0	54.5	0.2
4/20/2016 13:48	0.3	20.6	2.1	116.5	0.1	51.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.8	111.4	0.0	50.2	0.2
4/20/2016 13:49	0.3	20.5	2.8	134.5	0.1	67.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.5	129.7	0.0	65.6	0.2
4/20/2016 13:50	0.3	20.5	2.2	139.5	0.1	36.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.9	134.8	0.0	35.6	0.2
4/20/2016 13:51	0.3	20.6	1.8	87.0	0.1	49.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.5	81.3	0.0	48.4	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/20/2016 13:52	0.3	20.6	2.0	112.5	0.1	52.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.7	107.3	0.0	50.9	0.2
4/20/2016 13:53	0.3	20.6	2.4	126.5	0.1	58.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.1	121.6	0.0	57.3	0.2
4/20/2016 13:54	0.3	20.5	2.7	132.0	0.1	65.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.4	127.2	0.0	63.7	0.2
4/20/2016 13:55	0.4	20.5	3.5	167.0	0.1	58.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.5	3.1	162.9	0.0	57.5	0.2
4/20/2016 13:56	0.3	20.5	2.4	127.0	0.1	37.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.1	122.1	0.0	37.0	0.2
4/20/2016 13:57	0.3	20.6	1.8	86.5	0.1	36.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.5	80.8	0.0	35.4	0.2
4/20/2016 13:58	0.3	20.6	1.9	91.0	0.1	44.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.6	85.4	0.0	42.9	0.2
4/20/2016 13:59	0.4	20.6	2.7	122.5	0.1	68.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.4	117.5	0.0	66.8	0.2
4/20/2016 14:00	0.4	20.5	3.4	171.0	0.1	63.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.5	3.1	166.9	0.0	62.1	0.2
4/20/2016 14:01	0.4	20.5	3.1	153.0	0.1	56.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.8	148.6	0.0	55.6	0.2
4/20/2016 14:02	0.4	20.5	2.7	139.0	0.1	44.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.4	134.3	0.0	43.4	0.2
4/20/2016 14:03	0.4	20.6	2.7	116.0	0.1	57.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.4	110.9	0.0	55.8	0.2
4/20/2016 14:04	0.4	20.5	3.0	151.5	0.1	61.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.7	147.1	0.0	59.9	0.2
4/20/2016 14:05	0.4	20.5	3.1	153.0	0.1	56.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.8	148.6	0.0	55.3	0.2
4/20/2016 14:06	0.4	20.6	2.3	122.0	0.1	30.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.0	117.0	0.0	30.2	0.2
4/20/2016 14:07	0.4	20.6	2.2	92.0	0.1	58.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	1.9	86.4	0.0	57.0	0.2
4/20/2016 14:08	0.4	20.6	2.4	131.5	0.1	47.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.1	126.7	0.0	46.2	0.2
4/20/2016 14:09	0.4	20.6	2.5	127.0	0.1	52.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.2	122.1	0.0	51.6	0.2
4/20/2016 14:10	0.4	20.6	2.4	122.0	0.1	52.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.1	117.0	0.0	51.4	0.2
4/20/2016 14:11	0.4	20.6	2.2	131.0	0.1	36.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	1.9	126.2	0.0	35.3	0.2
4/20/2016 14:12	0.4	20.6	1.9	90.5	0.1	38.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	1.6	84.9	0.0	37.2	0.2
4/20/2016 14:13	0.4	20.6	1.8	94.5	0.1	37.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	1.5	88.9	0.0	36.2	0.2
4/20/2016 14:14	0.4	20.6	1.8	91.0	0.1	41.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	1.5	85.4	0.0	40.9	0.2
4/20/2016 14:15	0.4	20.6	2.3	112.5	0.1	48.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.0	107.3	0.0	47.7	0.2
4/20/2016 14:16	0.4	20.6	2.1	114.0	0.1	43.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	1.8	108.8	0.0	42.1	0.2
4/20/2016 14:17	0.4	20.6	2.2	107.5	0.1	46.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	1.9	102.2	0.0	45.4	0.2
4/20/2016 14:18	0.4	20.6	2.3	113.5	0.1	40.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.0	108.3	0.0	39.8	0.2
4/20/2016 14:19	0.4	20.6	2.1	100.0	0.1	42.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	1.8	94.6	0.0	41.8	0.2
4/20/2016 14:20	0.4	20.6	1.9	94.5	0.1	36.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	1.6	88.9	0.0	35.6	0.2
4/20/2016 14:21	0.4	20.6	2.1	98.0	0.1	41.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	1.8	92.5	0.0	40.4	0.2
4/20/2016 14:22	0.3	20.6	1.9	97.5	0.1	32.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	1.6	92.0	0.0	32.1	0.2
4/20/2016 14:23	0.3	20.6	1.9	85.5	0.1	39.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.6	79.8	0.0	38.2	0.2
4/20/2016 14:24	0.3	20.6	1.8	94.0	0.1	34.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	1.5	88.4	0.0	33.8	0.2
4/20/2016 14:25	0.3	20.6	1.6	83.0	0.1	30.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.3	77.2	0.0	29.3	0.2
4/20/2016 14:26	0.3	20.6	1.9	83.5	0.1	40.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.6	77.7	0.0	39.7	0.2
4/20/2016 14:27	0.4	20.6	2.1	105.5	0.1	41.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	1.8	100.2	0.0	40.8	0.2
4/20/2016 14:28	0.3	20.6	1.9	103.5	0.1	39.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	1.6	98.1	0.0	38.0	0.2
4/20/2016 14:29	0.3	20.6	2.2	106.5	0.1	43.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.9	101.2	0.0	42.3	0.2
4/20/2016 14:30	0.3	20.6	1.9	99.5	0.1	32.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.6	94.0	0.0	31.7	0.2
4/20/2016 14:31	0.3	20.6	2.0	88.0	0.1	41.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.7	82.3	0.0	40.2	0.2
4/20/2016 14:32	0.3	20.6	1.9	98.0	0.1	36.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.6	92.5	0.0	35.1	0.2
4/20/2016 14:33	0.3	20.6	2.0	99.0	0.1	36.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.7	93.5	0.0	35.3	0.2
4/20/2016 14:34	0.3	20.6	1.8	86.0	0.1	35.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.5	80.3	0.0	34.5	0.2
4/20/2016 14:35	0.3	20.6	2.0	88.0	0.1	39.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.7	82.3	0.0	38.1	0.2
4/20/2016 14:36	0.3	20.6	2.0	99.5	0.1	40.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.7	94.0	0.0	39.3	0.2
4/20/2016 14:37	0.3	20.6	2.2	104.5	0.1	42.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.9	99.1	0.0	41.5	0.2
4/20/2016 14:38	0.3	20.6	1.9	96.5	0.1	34.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.6	91.0	0.0	33.9	0.2
4/20/2016 14:39	0.3	20.6	1.9	90.5	0.1	43.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.6	84.9	0.0	42.1	0.2
4/20/2016 14:40	0.3	20.6	2.4	113.0	0.1	38.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.1	107.8	0.0	37.6	0.2
4/20/2016 14:41	0.3	20.6	1.9	95.0	0.1	34.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.6	89.5	0.0	33.8	0.2
4/20/2016 14:42	0.3	20.6	1.6	76.5	0.1	40.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.3	70.6	0.0	39.0	0.2
4/20/2016 14:43	0.3	20.6	2.5	119.5	0.1	51.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.2	114.4	0.0	50.6	0.2
4/20/2016 14:44	0.3	20.6	2.2	122.5	0.1	50.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.9	117.5	0.0	49.1	0.2
4/20/2016 14:45	0.3	20.6	2.9	126.0	0.1	50.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.6	121.1	0.0	49.0	0.2
4/20/2016 14:46	0.4	20.6	3.0	121.0	0.1	47.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.7	116.0	0.0	45.9	0.2
4/20/2016 14:47	0.4	20.5	3.2	126.0	0.1	47.6	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.9	121.1	0.0	46.4	0.2
4/20/2016 14:48	0.4	20.5	3.5	132.0	0.1	56.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	3.2	127.2	0.0	55.1	0.2
4/20/2016 14:49	0.4	20.5	3.2	139.5	0.1	46.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.9	134.8	0.0	45.2	0.2
4/20/2016 14:50	0.3	20.6	2.9	116.0	0.1	42.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	2.6	110.9	0.0	41.4	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/20/2016 14:51	0.3	20.6	2.2	98.5	0.1	35.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.9	93.0	0.0	34.9	0.2
4/20/2016 14:52	0.3	20.6	2.0	95.0	0.1	44.4	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.7	89.5	0.0	43.4	0.2
4/20/2016 14:53	0.3	20.6	2.3	116.0	0.1	46.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.0	110.9	0.0	45.4	0.2
4/20/2016 14:54	0.3	20.6	1.9	104.0	0.1	35.0	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.6	98.6	0.0	34.1	0.2
4/20/2016 14:55	0.3	20.6	1.7	82.0	0.1	33.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.4	76.2	0.0	33.0	0.2
4/20/2016 14:56	0.2	20.6	1.8	85.5	0.1	40.3	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.5	79.8	0.0	39.4	0.2
4/20/2016 14:57	0.3	20.6	2.3	112.0	0.1	47.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.0	106.8	0.0	46.4	0.2
4/20/2016 14:58	0.3	20.6	2.8	133.5	0.1	56.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.5	128.7	0.0	54.8	0.2
4/20/2016 14:59	0.3	20.5	2.8	151.5	0.1	42.1	0.0	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.5	147.1	0.0	41.1	0.1
4/20/2016 15:00	0.3	20.6	2.4	118.5	0.1	52.0	0.0	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.1	113.4	0.0	50.7	0.1
4/20/2016 15:01	0.3	20.6	2.6	136.5	0.1	49.2	0.0	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	2.3	131.8	0.0	48.1	0.1
4/20/2016 15:02	0.3	19.4	2.0	117.5	0.1	32.4	0.1	System Check																											
4/20/2016 15:03	0.6	4.1	0.8	41.0	0.1	13.1	0.1	System Check																											
4/20/2016 15:04	8.7	9.9	0.6	12.0	0.1	6.1	0.2	System Check																											
4/20/2016 15:05	11.0	10.9	0.6	10.5	0.1	3.8	0.2	System Check																											
4/20/2016 15:06	3.3	1.6	0.6	11.5	0.1	14.2	0.2	System Check																											
4/20/2016 15:07	0.2	0.1	0.5	10.5	0.2	14.6	0.2	System Check																											
4/20/2016 15:08	0.2	10.8	1.4	36.0	0.2	41.1	0.2	System Check																											
4/20/2016 15:09	0.3	20.6	2.2	113.5	0.1	45.8	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	1.9	108.3	0.0	44.7	
4/20/2016 15:10	0.3	20.7	2.1	112.5	0.1	45.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.8	107.3	0.0	44.0	0.2
4/20/2016 15:11	0.3	20.7	2.0	121.5	0.1	42.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.7	116.5	0.0	41.9	0.2
4/20/2016 15:12	0.3	20.7	2.0	108.5	0.1	45.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.7	103.2	0.0	44.6	0.2
4/20/2016 15:13	0.3	20.7	1.8	104.5	0.1	42.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.5	99.1	0.0	41.9	0.2
4/20/2016 15:14	0.3	20.7	2.1	107.0	0.1	45.7	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.8	101.7	0.0	44.6	0.2
4/20/2016 15:15	0.3	20.7	2.2	118.0	0.1	49.2	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.9	112.9	0.0	48.1	0.2
4/20/2016 15:16	0.3	20.7	1.7	103.0	0.1	34.3	0.6	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.4	97.6	0.0	33.5	0.6
4/20/2016 15:17	0.3	20.7	1.7	81.0	0.1	40.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.4	75.2	0.0	39.9	0.2
4/20/2016 15:18	0.3	20.7	1.8	97.0	0.1	38.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.5	91.5	0.0	38.0	0.2
4/20/2016 15:19	0.3	20.7	1.8	93.0	0.1	48.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.5	87.4	0.0	47.8	0.2
4/20/2016 15:20	0.3	20.7	1.6	98.5	0.1	33.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.3	93.0	0.0	32.3	0.2
4/20/2016 15:21	0.3	20.7	1.4	78.5	0.1	30.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.1	72.6	0.0	29.7	0.2
4/20/2016 15:22	0.3	20.7	1.6	76.5	0.1	40.9	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.3	70.6	0.0	39.9	0.2
4/20/2016 15:23	0.3	20.7	1.8	97.5	0.1	43.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.5	92.0	0.0	42.5	0.2
4/20/2016 15:24	0.3	20.7	1.9	110.0	0.1	41.5	0.3	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.6	104.8	0.0	40.5	0.3
4/20/2016 15:25	0.3	20.7	1.5	89.5	0.1	39.1	0.3	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.2	83.9	0.0	38.1	0.3
4/20/2016 15:26	0.3	20.7	1.5	84.5	0.1	38.2	0.3	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.2	78.8	0.0	37.3	0.3
4/20/2016 15:27	0.3	20.7	1.9	95.0	0.1	43.5	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.6	89.5	0.0	42.4	0.2
4/20/2016 15:28	0.3	20.7	1.9	110.0	0.1	52.1	0.2	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.6	104.8	0.0	50.9	0.2
4/20/2016 15:29	0.3	20.7	2.3	119.5	0.1	60.1	0.3	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	2.0	114.4	0.0	58.7	0.3
4/20/2016 15:30	0.3	20.7	2.3	126.5	0.1	45.7	0.3	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	2.0	121.6	0.0	44.6	0.3
4/20/2016 15:31	0.3	20.7	1.9	102.5	0.1	41.6	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.6	97.1	0.0	40.6	0.4
4/20/2016 15:32	0.3	20.7	1.8	97.0	0.1	42.9	0.3	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.5	91.5	0.0	41.8	0.3
4/20/2016 15:33	0.3	20.7	1.8	96.5	0.1	43.3	0.3	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.5	91.0	0.0	42.3	0.3
4/20/2016 15:34	0.3	20.7	1.7	95.0	0.1	41.5	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.4	89.5	0.0	40.5	0.4
4/20/2016 15:35	0.3	20.7	2.1	105.5	0.1	55.1	0.3	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	1.8	100.2	0.0	53.8	0.3
4/20/2016 15:36	0.3	20.7	2.5	129.0	0.1	47.9	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	2.2	124.1	0.0	46.8	0.4
4/20/2016 15:37	0.3	20.7	2.0	107.5	0.1	37.2	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.7	102.2	0.0	36.3	0.4
4/20/2016 15:38	0.3	20.7	2.0	92.5	0.1	50.4	0.3	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.7	86.9	0.0	49.2	0.3
4/20/2016 15:39	0.3	20.7	2.3	125.5	0.1	43.6	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	2.0	120.6	0.0	42.6	0.4
4/20/2016 15:40	0.2	20.7	1.5	81.5	0.1	32.1	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.2	75.7	0.0	31.3	0.4
4/20/2016 15:41	0.2	20.7	1.3	75.5	0.1	33.5	0.3	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.0	69.6	0.0	32.7	0.3
4/20/2016 15:42	0.2	20.7	1.3	78.0	0.1	38.1	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.0	72.1	0.0	37.2	0.4
4/20/2016 15:43	0.2	20.7	1.2	81.5	0.1	39.5	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.0	75.7	0.0	38.5	0.4
4/20/2016 15:44	0.2	20.7	1.4	86.0	0.1	35.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.1	80.3	0.0	34.4	0.4
4/20/2016 15:45	0.2	20.7	1.4	79.0	0.1	37.8	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.1	73.1	0.0	36.9	0.4
4/20/2016 15:46	0.2	20.7	1.7	93.0	0.1	39.2	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.4	87.4	0.0	38.3	0.4
4/20/2016 15:47	0.2	20.7	1.5	87.0	0.1	35.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.2	81.3	0.0	34.5	0.4
4/20/2016 15:48	0.2	20.7	1.3	81.0	0.1	35.1	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.0	75.2	0.0	34.3	0.4
4/20/2016 15:49	0.2	20.7	1.6	91.0	0.1	43.8	0.5	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.3	85.4	0.0	42.8	0.5

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/20/2016 15:50	0.2	20.7	1.3	89.5	0.1	26.9	0.5	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.0	83.9	0.0	26.3	0.5
4/20/2016 15:51	0.2	20.7	1.1	54.0	0.1	32.0	0.5	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.8	47.7	0.0	31.3	0.5
4/20/2016 15:52	0.2	20.7	1.3	82.5	0.1	36.9	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.0	76.7	0.0	36.0	0.4
4/20/2016 15:53	0.2	20.7	1.6	99.5	0.1	37.2	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.8	1.3	94.0	0.0	36.3	0.4
4/20/2016 15:54	0.2	20.7	1.4	87.5	0.1	32.5	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.1	81.8	0.0	31.7	0.4
4/20/2016 15:55	0.2	20.7	1.6	87.5	0.1	30.6	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.3	81.8	0.0	29.8	0.4
4/20/2016 15:56	0.2	20.7	1.5	75.0	0.1	34.8	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.2	69.1	0.0	34.0	0.4
4/20/2016 15:57	0.2	20.7	1.8	92.5	0.1	37.7	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.5	86.9	0.0	36.8	0.4
4/20/2016 15:58	0.2	20.7	1.5	89.5	0.1	33.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.2	83.9	0.0	32.5	0.4
4/20/2016 15:59	0.2	20.7	1.4	82.0	0.1	28.9	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.1	76.2	0.0	28.2	0.4
4/20/2016 16:00	0.2	20.7	1.5	80.5	0.1	40.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.2	74.7	0.0	39.4	0.4
4/20/2016 16:01	0.2	20.7	1.6	99.5	0.1	35.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.3	94.0	0.0	34.5	0.4
4/20/2016 16:02	0.2	20.7	1.5	92.5	0.1	36.8	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.2	86.9	0.0	35.9	0.4
4/20/2016 16:03	0.2	20.7	1.5	90.5	0.1	37.8	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.2	84.9	0.0	36.9	0.4
4/20/2016 16:04	0.2	20.7	1.5	93.0	0.1	32.5	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.2	87.4	0.0	31.7	0.4
4/20/2016 16:05	0.2	20.7	1.4	83.5	0.1	33.4	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.1	77.7	0.0	32.6	0.4
4/20/2016 16:06	0.2	20.7	1.3	85.0	0.1	34.8	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.0	79.3	0.0	34.0	0.4
4/20/2016 16:07	0.2	20.7	1.2	76.5	0.1	30.7	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.0	70.6	0.0	29.9	0.4
4/20/2016 16:08	0.2	20.7	1.5	85.5	0.1	31.6	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.2	79.8	0.0	30.8	0.4
4/20/2016 16:09	0.2	20.7	1.2	78.5	0.1	34.2	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.0	72.6	0.0	33.4	0.4
4/20/2016 16:10	0.2	20.7	1.2	80.5	0.1	31.9	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.9	74.7	0.0	31.2	0.4
4/20/2016 16:11	0.2	20.7	1.0	73.0	0.1	30.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	0.8	67.0	0.0	29.6	0.4
4/20/2016 16:12	0.4	20.3	3.3	106.0	0.1	29.1	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.4	3.0	100.7	0.0	28.4	0.4
4/20/2016 16:13	1.2	19.5	9.9	135.0	0.2	21.2	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.2	19.6	9.4	130.2	0.1	20.7	0.4
4/20/2016 16:14	1.5	19.4	11.2	98.5	0.6	27.0	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.5	19.4	10.7	93.0	0.5	26.3	0.4
4/20/2016 16:15	1.1	19.9	8.9	94.0	1.3	46.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.0	19.9	8.5	88.4	1.2	45.2	0.4
4/20/2016 16:16	1.0	19.6	11.0	269.0	1.6	64.2	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.0	19.6	10.5	266.8	1.5	62.7	0.4
4/20/2016 16:17	2.3	18.4	25.8	348.0	6.6	27.5	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	2.3	18.4	24.9	347.4	6.5	26.9	0.4
4/20/2016 16:18	1.7	19.4	17.7	161.0	8.2	19.5	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.7	19.4	17.0	156.7	8.0	19.0	0.4
4/20/2016 16:19	1.4	19.3	19.7	107.5	6.2	19.6	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.4	19.4	19.0	102.2	6.1	19.1	0.4
4/20/2016 16:20	1.2	19.7	15.2	130.0	5.2	20.6	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.2	19.7	14.6	125.1	5.1	20.1	0.4
4/20/2016 16:21	0.9	20.1	9.7	143.0	3.7	19.8	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.8	20.1	9.2	138.4	3.6	19.3	0.4
4/20/2016 16:22	0.4	20.7	3.5	81.0	1.9	11.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.7	3.2	75.2	1.8	11.0	0.4
4/20/2016 16:23	0.2	20.7	2.4	19.0	0.9	10.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	2.1	12.0	0.7	10.0	0.4
4/20/2016 16:24	0.2	20.8	2.0	14.5	0.5	9.5	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.1	20.8	1.7	7.4	0.4	9.3	0.4
4/20/2016 16:25	0.8	19.7	11.1	77.5	2.0	24.8	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.7	19.7	10.6	71.6	1.8	24.2	0.4
4/20/2016 16:26	1.6	19.4	13.7	190.0	8.6	26.4	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.6	19.4	13.1	186.3	8.5	25.8	0.4
4/20/2016 16:27	1.4	19.4	12.2	204.5	7.8	38.1	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.3	19.5	11.7	201.1	7.6	37.2	0.4
4/20/2016 16:28	1.1	20.1	8.2	276.0	6.1	45.4	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	1.0	20.1	7.8	274.0	6.0	44.3	0.4
4/20/2016 16:29	0.3	20.7	4.0	133.0	2.3	40.6	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.7	3.6	128.2	2.1	39.6	0.4
4/20/2016 16:30	0.4	20.6	4.8	118.5	1.5	41.0	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	4.4	113.4	1.4	40.0	0.4
4/20/2016 16:31	0.4	20.5	5.2	132.0	1.4	42.4	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.6	4.9	127.2	1.3	41.4	0.4
4/20/2016 16:32	0.5	20.3	8.2	190.0	2.0	71.5	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.3	7.7	186.3	1.9	69.8	0.4
4/20/2016 16:33	0.8	20.0	13.0	355.5	3.1	98.4	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.7	20.1	12.5	355.0	3.0	96.1	0.4
4/20/2016 16:34	0.9	19.9	14.5	447.0	3.6	93.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.8	20.0	13.9	448.3	3.5	91.1	0.4
4/20/2016 16:35	0.7	20.2	11.1	407.0	2.8	76.7	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.6	20.3	10.6	407.5	2.7	74.9	0.4
4/20/2016 16:36	0.7	20.1	13.2	355.5	2.5	92.8	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.6	20.2	12.6	355.0	2.4	90.6	0.4
4/20/2016 16:37	0.8	20.0	15.7	461.0	2.9	97.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.7	20.0	15.0	462.6	2.8	95.0	0.4
4/20/2016 16:38	0.8	20.1	14.6	477.0	2.7	102.0	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.7	20.1	14.0	478.9	2.5	99.6	0.4
4/20/2016 16:39	0.6	20.2	12.3	395.5	2.0	98.5	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.3	11.8	395.8	1.9	96.2	0.4
4/20/2016 16:40	0.6	20.2	12.5	407.0	2.0	101.6	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.2	11.9	407.5	1.9	99.2	0.4
4/20/2016 16:41	0.6	20.2	12.6	389.5	2.0	99.6	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.5	20.2	12.0	389.7	1.8	97.3	0.4
4/20/2016 16:42	0.5	20.3	10.6	304.0	1.6	89.2	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.4	10.1	302.5	1.5	87.1	0.4
4/20/2016 16:43	0.5	20.3	10.5	284.5	1.5	95.9	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.3	10.0	282.7	1.4	93.7	0.4
4/20/2016 16:44	0.4	20.3	9.6	279.5	1.3	95.9	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.4	20.4	9.1	277.6	1.2	93.6	0.4
4/20/2016 16:45	0.4	20.4	8.4	265.5	1.1	92.8	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.5	8.0	263.3	1.0	90.6	0.4
4/20/2016 16:46	0.3	20.5	7.4	231.0	0.9	94.3	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	6.9	228.1	0.8	92.0	0.4
4/20/2016 16:47	0.4	20.4	8.0	265.5	0.9	101.4	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.5	7.5	263.3	0.8	99.0	0.4
4/20/2016 16:48	0.4	20.4	6.8	276.5	0.9	99.4	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.5	6.4	274.5	0.8	97.0	0.4

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	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/20/2016 16:49	0.3	20.5	7.1	251.5	0.9	97.4	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.3	20.5	6.7	249.0	0.7	95.1	0.4
4/20/2016 16:50	0.3	20.5	6.5	249.5	0.8	96.2	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	6.1	247.0	0.7	93.9	0.4
4/20/2016 16:51	0.3	20.5	5.7	236.5	0.7	95.9	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.6	5.3	233.7	0.6	93.6	0.4
4/20/2016 16:52	0.3	20.5	5.7	229.0	0.7	92.9	0.4	Day 3 Testing	0.1	2.5	2.5	0.1	11.0	11.0	0.2	26.0	25.1	7.3	258.8	256.4	0.1	14.9	14.8	0.0	14.8	14.4	1.062	0.2	20.5	5.3	226.1	0.6	90.7	0.4
	0.3	**20.6**	**2.4**	**78.4**	**0.4**	**30.6**	**0.2**	**Day 3 Average**																				**0.2**	**20.6**	**2.1**	**72.6**	**0.3**	**29.9**	**0.3**
4/20/2016 16:53	1.8	16.5	4.3	202.5	0.7	38.8	0.4																												
4/20/2016 16:54	10.4	11.0	1.6	52.5	0.4	6.6	0.4																												
4/20/2016 16:55	10.9	11.0	1.3	10.0	0.3	4.9	0.4																												
4/20/2016 16:56	10.9	11.0	1.0	9.0	0.2	4.0	0.4																												
4/20/2016 16:57	11.0	**11.0**	0.9	9.0	**0.2**	3.5	0.4	**10.98 O2, Zero SO2 Bias Check**																											
4/20/2016 16:58	9.8	7.8	9.4	28.0	0.2	4.1	0.4																												
4/20/2016 16:59	2.9	0.2	25.7	189.5	0.4	4.4	0.4																												
4/20/2016 17:00	2.5	0.1	25.8	257.5	0.7	4.1	0.4																												
4/20/2016 17:01	2.5	0.1	25.8	260.5	0.8	3.8	0.4																												
4/20/2016 17:02	**2.5**	**0.1**	**25.7**	**261.0**	0.8	3.5	0.4	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																											
4/20/2016 17:03	2.2	5.7	17.6	243.0	1.2	1.8	0.4																												
4/20/2016 17:04	0.3	20.5	0.6	70.5	9.5	0.5	0.4																												
4/20/2016 17:05	0.1	20.8	0.5	9.5	13.5	0.3	0.4																												
4/20/2016 17:06	0.1	20.8	0.4	8.5	14.3	0.2	0.4																												
4/20/2016 17:07	**0.1**	20.8	**0.4**	**8.5**	**14.6**	**0.1**	0.4	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC, Bias Check**																											
4/20/2016 17:08	0.1	16.6	0.4	8.5	14.5	7.4	0.4																												
4/20/2016 17:09	0.1	0.5	0.3	8.5	5.7	15.1	0.4																												
4/20/2016 17:10	0.1	0.1	0.3	8.5	1.2	15.0	0.4																												
4/20/2016 17:11	0.1	0.1	0.3	8.5	0.7	14.9	0.4																												
4/20/2016 17:12	0.1	0.1	0.2	8.5	0.6	**14.7**	0.4	**14.4 C3H8 Bias Check**																											
4/20/2016 17:13	0.1	3.3	0.3	8.5	0.5	9.9	0.4																												
4/20/2016 17:14	0.1	20.0	0.4	11.0	0.3	0.1	0.4																												
4/20/2016 17:15	0.1	20.7	0.4	12.5	0.3	0.1	0.4																												
4/20/2016 17:16	0.1	20.7	0.4	15.5	0.3	0.1	0.4	**9.98 H2S Bias Check**																											
4/20/2016 17:17	0.1	20.7	0.4	15.5	0.3	0.1	0.4																												
4/20/2016 17:18	0.1	20.7	0.4	17.5	0.3	0.1	0.4																												
4/20/2016 17:19	0.1	20.7	0.4	20.5	0.3	0.1	0.4																												
4/20/2016 17:20	0.1	20.7	0.4	8.5	0.3	0.1	0.4																												
4/20/2016 17:21	0.1	20.7	0.3	8.5	0.3	0.1	0.4																												
4/20/2016 17:22	0.1	13.3	0.3	8.5	0.3	0.1	2.6																												
4/20/2016 17:23	0.1	0.1	0.3	8.5	0.3	0.1	9.2																												
4/20/2016 17:24	0.1	0.1	0.3	8.5	0.3	0.1	**9.4**	**9.98 H2S Bias Check**																											
4/20/2016 17:25	0.1	0.1	0.3	8.5	0.3	0.1	8.2																												
4/20/2016 17:26	0.1	8.5	0.3	8.5	0.3	0.1	0.4																												
4/20/2016 17:27	0.2	20.7	0.3	21.5	0.2	0.1	0.4																												
4/20/2016 17:28	0.2	20.7	0.4	25.5	0.2	0.1	0.4																												
4/20/2016 17:29	0.2	20.7	0.4	25.5	0.2	0.1	0.4																												
4/21/2016 6:15	0.0	20.7	0.1	11.0	0.0	-4.4	-0.2																												
4/21/2016 6:16	0.0	20.7	0.1	11.5	0.0	-4.5	-0.3																												
4/21/2016 6:17	0.0	20.7	0.1	11.0	0.0	-4.5	-0.2																												
4/21/2016 6:18	0.0	20.7	0.1	10.5	0.0	-4.5	-0.2																												
4/21/2016 6:19	0.0	20.7	0.1	10.5	0.0	-4.5	-0.3																												
4/21/2016 6:20	0.0	20.7	0.1	10.5	0.0	-4.5	-0.2																												
4/21/2016 6:21	0.0	20.7	0.1	10.5	0.0	-4.5	-0.2																												
4/21/2016 6:22	0.0	20.7	0.1	10.5	0.0	-4.5	-0.2																												
4/21/2016 6:23	0.0	20.7	0.1	10.5	0.0	-4.5	-0.3																												
4/21/2016 6:24	0.0	20.7	0.1	11.0	0.0	-4.4	-0.2																												
4/21/2016 6:25	0.0	20.7	0.1	11.5	0.0	-4.5	-0.2																												
4/21/2016 6:26	0.0	20.7	0.1	11.0	0.0	-4.6	-0.2																												
4/21/2016 6:27	0.0	20.7	0.1	10.5	0.0	-4.6	-0.2																												
4/21/2016 6:28	2.6	15.8	0.1	9.5	0.0	-4.7	-0.3																												
4/21/2016 6:29	10.7	11.0	0.0	7.0	0.0	-5.0	-0.3																												
4/21/2016 6:30	11.0	**10.9**	0.0	6.5	**0.0**	-5.1	-0.3																												
4/21/2016 6:31	11.0	10.9	0.0	6.5	0.0	-5.1	-0.3	**10.98 O2, Zero SO2 Bias Check**																											

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/21/2016 6:32	11.0	10.9	0.0	6.5	0.0	-5.0	-0.3																										
4/21/2016 6:33	8.9	6.4	12.0	40.0	0.1	-4.7	-0.3																										
4/21/2016 6:34	2.6	0.1	25.7	205.5	0.3	-4.6	-0.3																										
4/21/2016 6:35	2.5	0.0	25.8	256.0	0.4	-4.6	-0.3																										
4/21/2016 6:36	**2.4**	**0.0**	**25.8**	**257.5**	0.5	-4.6	-0.3	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/21/2016 6:37	2.4	0.0	25.8	257.5	0.5	-4.6	-0.3																										
4/21/2016 6:38	2.0	8.1	14.2	224.5	0.9	-5.1	-0.3																										
4/21/2016 6:39	0.1	20.6	0.2	48.5	8.3	-5.4	-0.3																										
4/21/2016 6:40	0.0	20.8	0.1	6.5	12.5	-5.4	-0.3																										
4/21/2016 6:41	0.0	20.8	0.1	6.5	14.0	-5.4	-0.3																										
4/21/2016 6:42	**0.0**	20.8	**0.1**	**6.5**	**14.6**	-5.4	-0.3	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2 Bias Check**																									
4/21/2016 6:43	0.0	14.1	0.1	6.5	14.3	3.1	-0.3																										
4/21/2016 6:44	0.0	0.2	0.0	6.5	5.7	8.3	-0.3																										
4/21/2016 6:45	0.0	0.0	0.0	6.5	2.1	8.3	-0.3																										
4/21/2016 6:46	0.0	0.0	0.0	6.5	1.2	8.3	-0.3																										
4/21/2016 6:47	0.0	0.0	0.0	6.5	0.8	8.3	-0.3																										
4/21/2016 6:48	0.0	5.3	0.1	7.0	0.6	1.4	-0.3																										
4/21/2016 6:49	0.0	20.3	0.1	8.5	0.6	-4.4	-0.3																										
4/21/2016 6:50	0.0	20.7	0.1	9.0	0.5	-4.5	0.0																										
4/21/2016 6:51	0.0	20.7	0.1	9.0	0.4	-4.5	-0.1																										
4/21/2016 6:52	0.0	20.7	0.1	9.0	0.3	-4.5	-0.1																										
4/21/2016 6:53	0.0	20.7	0.1	9.0	0.3	-4.5	-0.1																										
4/21/2016 6:54	0.0	20.7	0.1	9.0	0.3	-4.5	-0.2																										
4/21/2016 6:55	0.0	20.7	0.1	9.0	0.2	-4.5	-0.2																										
4/21/2016 6:56	0.0	20.7	0.0	9.0	0.2	-4.5	-0.2																										
4/21/2016 6:57	0.0	20.7	0.0	9.0	0.2	-4.4	-0.2																										
4/21/2016 6:58	0.0	20.7	0.0	9.5	0.1	-4.2	-0.3																										
4/21/2016 6:59	0.0	20.7	0.0	9.5	0.1	-4.2	-0.2																										
4/21/2016 7:00	0.0	20.7	0.0	9.5	0.1	-4.3	-0.3																										
4/21/2016 7:01	0.0	20.7	0.0	9.5	0.1	-4.3	-0.3																										
4/21/2016 7:02	0.0	20.7	0.0	9.5	0.1	-4.3	-0.3																										
4/21/2016 7:03	0.0	20.7	0.0	9.5	0.1	-4.2	-0.3																										
4/21/2016 7:04	0.0	20.7	0.0	9.5	0.1	-4.2	-0.3																										
4/21/2016 7:05	0.0	20.7	0.1	9.5	0.1	-4.2	-0.3																										
4/21/2016 7:06	0.1	20.7	0.1	9.5	0.1	-4.0	-0.3																										
4/21/2016 7:07	0.4	18.5	0.0	9.0	0.1	-2.1	-0.6																										
4/21/2016 7:08	9.2	11.1	0.0	7.5	0.1	-3.4	-0.5																										
4/21/2016 7:09	11.0	10.9	0.0	6.5	0.1	-3.5	-0.4																										
4/21/2016 7:10	11.1	10.9	0.0	6.5	0.1	-3.5	-0.4																										
4/21/2016 7:11	11.1	10.9	0.0	6.5	0.1	-3.5	-0.4																										
4/21/2016 7:12	11.1	10.9	0.0	6.5	0.1	-3.5	-0.4																										
4/21/2016 7:13	11.1	10.9	0.0	6.5	0.0	-2.5	-0.4																										
4/21/2016 7:14	11.2	10.9	0.0	6.5	0.0	**0.3**	-0.4	**Zero TOC Bias Check**																									
4/21/2016 7:15	11.2	10.9	0.1	6.5	0.0	3.1	-0.4																										
4/21/2016 7:16	4.2	2.2	0.3	8.5	0.1	22.8	-1.0																										
4/21/2016 7:17	0.2	0.0	0.0	7.0	0.1	22.9	-0.4																										
4/21/2016 7:18	0.2	0.0	0.0	6.5	0.1	20.6	-0.4																										
4/21/2016 7:19	1.4	3.6	0.0	6.5	0.1	5.2	-0.9																										
4/21/2016 7:20	10.4	10.7	0.1	6.5	0.0	2.4	-0.5																										
4/21/2016 7:21	3.6	1.9	0.3	8.5	0.1	**15.1**	-0.9	**14.4 C3H8 Bias Check**																									
4/21/2016 7:22	0.3	0.0	0.1	7.0	0.1	15.2	-0.3																										
4/21/2016 7:23	0.3	0.1	0.0	7.0	0.1	5.2	1.7																										
4/21/2016 7:24	0.2	0.0	0.0	6.5	0.1	0.6	8.0																										
4/21/2016 7:25	0.2	0.0	0.0	6.5	0.1	0.5	8.5																										
4/21/2016 7:26	0.2	0.0	0.0	6.5	0.1	0.5	8.5																										
4/21/2016 7:27	0.2	0.0	0.0	6.0	0.1	0.5	8.5																										
4/21/2016 7:28	0.2	0.0	0.0	6.0	0.1	0.5	**8.6**	**9.98 H2S Bias Check**																									
4/21/2016 7:29	0.2	6.3	0.0	7.0	0.1	1.4	6.8																										
4/21/2016 7:30	0.3	20.1	1.2	50.0	0.6	65.2	0.9																										

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/21/2016 7:31	0.3	20.6	1.9	144.5	0.6	65.9	0.6																										
4/21/2016 7:32	0.3	20.6	1.4	107.0	0.4	27.7	0.3																										
4/21/2016 7:33	0.3	20.6	1.2	53.0	0.3	20.7	0.1																										
4/21/2016 7:34	0.3	20.6	1.2	48.5	0.3	22.4	0.0																										
4/21/2016 7:35	0.3	20.6	1.3	54.5	0.2	20.3	0.1																										
4/21/2016 7:36	0.2	20.6	1.3	50.5	0.2	21.6	0.0																										
4/21/2016 7:37	0.2	20.6	1.2	51.5	0.2	22.2	0.1																										
4/21/2016 7:38	0.2	20.6	1.3	58.5	0.2	25.0	0.1																										
4/21/2016 7:39	0.2	20.6	1.2	56.0	0.1	37.2	0.2																										
4/21/2016 7:40	0.2	20.6	1.6	84.5	0.1	32.9	0.1																										
4/21/2016 7:41	0.3	20.6	1.9	87.0	0.1	38.0	0.0																										
4/21/2016 7:42	0.3	20.6	1.5	73.5	0.1	23.5	-0.1																										
4/21/2016 7:43	0.2	20.6	1.6	63.0	0.1	34.4	-0.1																										
4/21/2016 7:44	0.2	20.6	1.6	78.5	0.1	35.3	0.1																										
4/21/2016 7:45	0.3	20.6	2.3	103.0	0.1	47.5	0.0																										
4/21/2016 7:46	0.3	20.6	2.0	94.0	0.1	26.9	-0.1																										
4/21/2016 7:47	0.3	20.6	2.2	64.0	0.1	24.7	-0.1																										
4/21/2016 7:48	0.3	20.6	2.4	63.0	0.1	22.8	-0.1																										
4/21/2016 7:49	0.3	20.6	2.4	64.5	0.1	27.7	-0.1																										
4/21/2016 7:50	0.3	20.6	2.5	71.5	0.1	43.0	0.0																										
4/21/2016 7:51	0.3	20.6	2.7	113.0	0.2	61.2	0.2																										
4/21/2016 7:52	0.3	20.6	3.1	118.5	0.2	45.9	0.1																										
4/21/2016 7:53	0.3	20.6	2.6	94.5	0.2	38.6	0.1																										
4/21/2016 7:54	0.3	20.6	2.4	95.5	0.1	53.6	0.0																										
4/21/2016 7:55	0.3	20.6	2.6	140.0	0.2	84.7	0.2																										
4/21/2016 7:56	0.3	20.6	2.8	178.5	0.2	76.0	0.3																										
4/21/2016 7:57	0.3	20.6	2.2	119.5	0.1	46.5	0.0																										
4/21/2016 7:58	0.3	20.6	3.0	88.0	0.1	45.4	0.0																										
4/21/2016 7:59	0.3	20.6	2.7	108.0	0.2	64.7	0.1																										
4/21/2016 8:00	0.3	20.6	2.4	114.5	0.2	53.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.7	2.2	109.8	0.1	51.8	0.0
4/21/2016 8:01	0.3	20.6	2.0	78.0	0.1	29.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.8	72.5	0.0	28.3	0.0
4/21/2016 8:02	0.3	20.6	2.8	74.5	0.1	29.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.6	69.0	0.0	28.3	0.0
4/21/2016 8:03	0.3	20.6	3.3	86.0	0.1	32.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.1	80.7	0.0	31.2	0.0
4/21/2016 8:04	0.3	20.6	3.5	98.5	0.1	31.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.3	93.5	0.0	30.3	0.0
4/21/2016 8:05	0.3	20.6	3.9	107.5	0.1	37.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.7	102.7	0.0	36.4	0.0
4/21/2016 8:06	0.3	20.6	3.9	111.0	0.1	38.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.7	106.2	0.0	37.5	0.0
4/21/2016 8:07	0.3	20.6	3.6	111.0	0.1	38.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.4	106.2	0.0	37.0	0.0
4/21/2016 8:08	0.2	20.6	3.1	110.5	0.1	44.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.9	105.7	0.0	43.7	0.0
4/21/2016 8:09	0.2	20.6	3.3	119.5	0.1	39.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.1	114.9	0.0	38.3	0.0
4/21/2016 8:10	0.2	20.6	2.2	88.0	0.1	33.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.0	82.7	0.0	32.9	0.0
4/21/2016 8:11	0.2	20.6	2.6	101.5	0.1	46.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.4	96.5	0.0	45.6	0.0
4/21/2016 8:12	0.2	20.6	2.6	117.5	0.1	49.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.4	112.9	0.0	48.5	0.0
4/21/2016 8:13	0.2	20.6	2.4	114.0	0.1	47.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.2	109.3	0.0	46.3	0.0
4/21/2016 8:14	0.2	20.6	2.5	109.0	0.1	46.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.3	104.2	0.0	44.8	0.0
4/21/2016 8:15	0.2	20.6	3.0	111.5	0.1	53.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.8	106.7	0.0	52.1	0.0
4/21/2016 8:16	0.2	20.6	2.9	119.5	0.1	43.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.7	114.9	0.0	42.1	0.0
4/21/2016 8:17	0.2	20.6	2.7	98.0	0.1	43.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.5	93.0	0.0	42.3	0.0
4/21/2016 8:18	0.2	20.6	2.7	97.5	0.1	41.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.5	92.4	0.0	40.4	0.0
4/21/2016 8:19	0.2	20.6	2.7	93.5	0.1	37.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.5	88.4	0.0	36.0	0.0
4/21/2016 8:20	0.2	20.6	2.6	93.0	0.1	38.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.4	87.9	0.0	37.6	0.0
4/21/2016 8:21	0.2	20.6	2.2	87.0	0.1	29.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.0	81.7	0.0	28.9	0.0
4/21/2016 8:22	0.2	20.6	2.2	80.0	0.1	31.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.0	74.6	0.0	30.5	0.0
4/21/2016 8:23	0.2	20.6	1.8	78.5	0.1	32.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.6	73.0	0.0	31.9	0.0
4/21/2016 8:24	0.2	20.6	2.1	82.5	0.1	34.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.9	77.1	0.0	33.5	0.0
4/21/2016 8:25	0.2	20.6	1.8	87.0	0.1	39.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.6	81.7	0.0	38.1	0.0
4/21/2016 8:26	0.2	20.6	1.9	90.5	0.1	35.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.7	85.3	0.0	34.9	0.0
4/21/2016 8:27	0.2	20.6	1.7	85.5	0.1	37.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.5	80.2	0.0	36.6	0.0
4/21/2016 8:28	0.2	20.6	1.7	88.0	0.1	37.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.5	82.7	0.0	36.2	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/21/2016 8:29	0.2	20.6	2.0	85.0	0.1	40.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.8	79.7	0.0	39.3	0.0
4/21/2016 8:30	0.2	20.6	2.2	96.0	0.1	41.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	2.0	90.9	0.0	40.2	0.0
4/21/2016 8:31	0.2	20.6	2.1	94.0	0.1	39.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.9	88.9	0.0	38.3	0.0
4/21/2016 8:32	0.2	20.6	2.0	86.5	0.1	37.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.8	81.2	0.0	36.6	0.0
4/21/2016 8:33	0.2	20.6	2.1	85.5	0.1	34.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.9	80.2	0.0	33.5	0.0
4/21/2016 8:34	0.2	20.6	1.9	76.5	0.1	31.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.7	71.0	0.0	30.6	0.0
4/21/2016 8:35	0.2	20.5	1.8	74.5	0.1	32.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.6	69.0	0.0	31.1	0.0
4/21/2016 8:36	0.2	20.6	1.9	70.5	0.1	33.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.7	64.9	0.0	32.1	0.0
4/21/2016 8:37	0.3	20.5	1.9	73.0	0.1	33.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.6	1.7	67.4	0.0	33.0	0.0
4/21/2016 8:38	0.3	20.5	1.7	70.0	0.1	31.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.5	64.4	0.0	30.8	0.0
4/21/2016 8:39	0.3	20.5	1.8	69.5	0.1	31.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.6	63.8	0.0	30.8	0.0
4/21/2016 8:40	0.3	20.5	1.8	70.5	0.1	35.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.6	64.9	0.0	34.6	0.0
4/21/2016 8:41	0.3	20.5	1.8	76.0	0.1	32.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.6	70.5	0.0	31.7	0.0
4/21/2016 8:42	0.3	20.5	1.6	68.0	0.1	30.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.4	62.3	0.0	29.5	0.0
4/21/2016 8:43	0.3	20.5	1.5	64.0	0.1	26.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.3	58.2	0.0	26.0	0.0
4/21/2016 8:44	0.3	20.5	1.7	63.0	0.1	31.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.5	57.2	0.0	31.0	0.0
4/21/2016 8:45	0.3	20.5	1.7	72.0	0.1	30.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.5	66.4	0.0	29.8	0.0
4/21/2016 8:46	0.3	20.5	1.5	66.0	0.1	26.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.3	60.3	0.0	26.1	0.0
4/21/2016 8:47	0.3	20.5	1.4	61.0	0.1	27.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.3	55.2	0.0	26.4	0.0
4/21/2016 8:48	0.3	20.5	1.5	65.5	0.1	30.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.3	59.8	0.0	30.0	0.0
4/21/2016 8:49	0.3	20.5	1.4	70.0	0.1	32.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.3	64.4	0.0	31.6	0.0
4/21/2016 8:50	0.3	20.5	1.5	73.5	0.1	33.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.3	67.9	0.0	33.0	0.0
4/21/2016 8:51	0.3	20.5	1.5	75.5	0.1	31.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.3	70.0	0.0	30.6	0.0
4/21/2016 8:52	0.3	20.5	1.3	69.5	0.1	29.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.2	63.8	0.0	28.4	0.0
4/21/2016 8:53	0.3	20.5	1.2	65.5	0.1	27.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.1	59.8	0.0	26.2	0.0
4/21/2016 8:54	0.2	20.6	1.2	59.0	0.1	25.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.0	53.1	0.0	24.5	0.0
4/21/2016 8:55	0.2	20.6	1.2	56.5	0.1	24.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.0	50.6	0.0	23.5	0.0
4/21/2016 8:56	0.2	20.5	1.1	55.0	0.1	25.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.0	49.0	0.0	24.6	0.0
4/21/2016 8:57	0.2	20.5	1.2	59.0	0.1	26.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.0	53.1	0.0	25.6	0.0
4/21/2016 8:58	0.2	20.6	1.1	57.0	0.1	25.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.0	51.1	0.0	24.2	0.0
4/21/2016 8:59	0.2	20.5	1.2	63.5	0.1	27.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.1	57.7	0.0	26.3	0.0
4/21/2016 9:00	0.2	20.5	1.2	67.0	0.1	30.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.1	61.3	0.0	29.2	0.0
4/21/2016 9:01	0.2	20.5	1.2	76.0	0.1	28.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.0	70.5	0.0	27.9	0.0
4/21/2016 9:02	0.2	20.5	1.3	79.5	0.1	27.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.1	74.1	0.0	26.3	0.0
4/21/2016 9:03	0.2	20.5	1.1	67.5	0.1	25.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.9	61.8	0.0	24.5	0.0
4/21/2016 9:04	0.2	20.5	1.0	64.0	0.1	26.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.9	58.2	0.0	25.5	0.0
4/21/2016 9:05	0.2	20.5	1.1	65.5	0.1	26.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.0	59.8	0.0	26.1	0.0
4/21/2016 9:06	0.2	20.6	0.9	59.0	0.1	22.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.8	53.1	0.0	22.0	0.0
4/21/2016 9:07	0.2	20.5	0.9	49.5	0.1	20.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.7	43.4	0.0	19.9	0.0
4/21/2016 9:08	0.2	20.5	0.7	44.0	0.1	15.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.6	0.6	37.8	0.0	15.2	0.0
4/21/2016 9:09	0.2	20.5	0.9	34.5	0.1	21.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.7	28.1	0.0	21.1	0.0
4/21/2016 9:10	0.2	20.5	0.9	41.5	0.1	19.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.7	35.2	0.0	19.2	0.0
4/21/2016 9:11	0.2	20.5	0.9	37.5	0.1	20.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.7	31.2	0.0	19.4	0.0
4/21/2016 9:12	0.2	20.6	0.7	35.0	0.1	11.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.5	28.6	0.0	11.5	0.0
4/21/2016 9:13	0.2	20.6	0.8	22.5	0.1	20.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.7	15.8	0.0	19.7	0.0
4/21/2016 9:14	0.2	20.6	0.9	44.5	0.1	20.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	0.8	38.3	0.0	20.3	0.0
4/21/2016 9:15	0.2	20.6	1.0	48.0	0.1	23.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	0.9	41.9	0.0	22.4	0.0
4/21/2016 9:16	0.2	20.6	1.0	48.5	0.1	21.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	0.9	42.4	0.0	20.6	0.0
4/21/2016 9:17	0.2	20.6	1.2	50.0	0.1	27.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.0	43.9	0.0	27.0	0.0
4/21/2016 9:18	0.2	20.6	1.1	53.0	0.1	24.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	0.9	47.0	0.0	23.7	0.0
4/21/2016 9:19	0.2	20.6	1.2	52.5	0.1	25.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.1	46.5	0.0	25.1	0.0
4/21/2016 9:20	0.2	20.6	1.4	55.0	0.1	26.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.2	49.0	0.0	25.8	0.0
4/21/2016 9:21	0.2	20.6	1.5	60.0	0.1	25.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.3	54.1	0.0	24.6	0.0
4/21/2016 9:22	0.2	20.6	1.1	49.0	0.1	21.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	0.9	42.9	0.0	20.9	0.0
4/21/2016 9:23	0.2	20.6	1.2	50.0	0.1	27.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.0	43.9	0.0	26.3	0.0
4/21/2016 9:24	0.2	20.6	1.0	55.0	0.1	21.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	0.9	49.0	0.0	21.2	0.0
4/21/2016 9:25	0.2	20.6	1.1	48.0	0.1	28.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.0	41.9	0.0	27.3	0.0
4/21/2016 9:26	0.2	20.6	1.4	64.0	0.1	32.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.3	58.2	0.0	31.5	0.0
4/21/2016 9:27	0.2	20.6	1.1	60.5	0.1	24.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.0	54.7	0.0	23.6	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/21/2016 9:28	0.2	20.6	1.3	58.0	0.1	32.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.2	52.1	0.0	31.4	0.0
4/21/2016 9:29	0.2	20.6	1.2	63.5	0.1	26.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.1	57.7	0.0	26.0	0.0
4/21/2016 9:30	0.2	20.6	1.6	64.0	0.1	37.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.4	58.2	0.0	36.8	0.0
4/21/2016 9:31	0.2	20.6	1.7	78.5	0.1	32.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.5	73.0	0.0	31.9	0.0
4/21/2016 9:32	0.2	20.6	1.4	70.0	0.1	26.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.3	64.4	0.0	25.5	0.0
4/21/2016 9:33	0.2	20.6	1.1	54.5	0.1	20.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	0.9	48.5	0.0	19.6	0.0
4/21/2016 9:34	0.2	20.6	1.2	54.5	0.1	31.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.1	48.5	0.0	31.0	0.0
4/21/2016 9:35	0.2	20.6	1.8	78.0	0.1	37.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.6	72.5	0.0	36.7	0.0
4/21/2016 9:36	0.2	20.5	2.0	82.5	0.1	32.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.8	77.1	0.0	31.5	0.0
4/21/2016 9:37	0.2	20.5	2.1	84.5	0.1	35.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.9	79.2	0.0	34.4	0.0
4/21/2016 9:38	0.2	20.6	1.6	80.0	0.1	35.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.4	74.6	0.0	34.4	0.0
4/21/2016 9:39	0.2	20.5	1.7	85.5	0.1	34.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.5	80.2	0.0	33.5	0.0
4/21/2016 9:40	0.2	20.6	1.7	82.0	0.1	31.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.5	76.6	0.0	30.5	0.0
4/21/2016 9:41	0.2	20.5	1.6	80.0	0.1	32.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.4	74.6	0.0	31.6	0.0
4/21/2016 9:42	0.2	20.5	1.7	82.5	0.1	32.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.5	77.1	0.0	31.7	0.0
4/21/2016 9:43	0.2	20.5	1.6	82.5	0.1	30.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.4	77.1	0.0	29.5	0.0
4/21/2016 9:44	0.2	20.6	1.5	76.5	0.1	33.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.3	71.0	0.0	32.2	0.0
4/21/2016 9:45	0.2	20.5	1.6	82.0	0.1	36.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.4	76.6	0.0	35.8	0.0
4/21/2016 9:46	0.2	20.5	1.6	83.0	0.1	32.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.4	77.6	0.0	31.2	0.0
4/21/2016 9:47	0.2	20.6	1.1	66.5	0.1	24.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.0	60.8	0.0	24.1	0.0
4/21/2016 9:48	0.2	20.5	1.3	66.0	0.1	29.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.2	60.3	0.0	28.2	0.0
4/21/2016 9:49	0.2	20.5	1.3	72.5	0.1	28.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.1	66.9	0.0	27.4	0.0
4/21/2016 9:50	0.2	20.5	1.3	75.5	0.1	30.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.2	70.0	0.0	29.8	0.0
4/21/2016 9:51	0.2	20.5	1.2	71.5	0.1	27.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.1	65.9	0.0	26.5	0.0
4/21/2016 9:52	0.2	20.5	1.3	75.0	0.1	31.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.2	69.5	0.0	30.3	0.0
4/21/2016 9:53	0.2	20.6	1.7	87.5	0.1	37.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.5	82.2	0.0	36.6	0.0
4/21/2016 9:54	0.2	20.6	1.4	101.5	0.1	33.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.3	96.5	0.0	32.8	0.0
4/21/2016 9:55	0.2	20.6	0.8	75.5	0.1	12.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.7	70.0	0.0	12.0	0.0
4/21/2016 9:56	0.2	20.6	0.4	25.5	0.1	13.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.2	18.9	0.0	12.5	0.0
4/21/2016 9:57	0.2	20.6	2.2	50.0	0.1	38.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	2.0	43.9	0.0	37.8	0.0
4/21/2016 9:58	0.2	20.6	1.9	85.0	0.1	36.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.7	79.7	0.0	35.0	0.0
4/21/2016 9:59	0.2	20.6	2.2	92.0	0.1	41.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.0	86.8	0.0	40.7	0.0
4/21/2016 10:00	0.2	20.6	1.9	96.5	0.1	36.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	1.7	91.4	0.0	35.6	0.0
4/21/2016 10:01	0.2	20.6	1.7	84.5	0.1	36.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.5	79.2	0.0	35.6	0.0
4/21/2016 10:02	0.2	20.6	1.5	82.5	0.1	34.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.3	77.1	0.0	33.6	0.0
4/21/2016 10:03	0.2	20.6	1.3	73.5	0.1	31.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.2	67.9	0.0	31.0	0.0
4/21/2016 10:04	0.2	20.7	1.2	66.5	0.1	32.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.1	60.8	0.0	31.7	0.0
4/21/2016 10:05	0.2	20.6	1.3	72.0	0.1	40.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.2	66.4	0.0	39.7	0.0
4/21/2016 10:06	0.2	20.6	1.4	84.0	0.1	37.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.3	78.7	0.0	36.3	0.0
4/21/2016 10:07	0.1	20.6	1.3	75.0	0.1	35.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.1	69.5	0.0	34.3	0.0
4/21/2016 10:08	0.1	20.6	1.3	73.5	0.1	34.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.2	67.9	0.0	33.9	0.0
4/21/2016 10:09	0.1	20.7	1.0	66.5	0.1	28.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.9	60.8	0.0	27.9	0.0
4/21/2016 10:10	0.1	20.7	1.0	55.0	0.1	30.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.9	49.0	0.0	29.3	0.0
4/21/2016 10:11	0.1	20.6	1.1	61.5	0.1	30.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.9	55.7	0.0	30.1	0.0
4/21/2016 10:12	0.1	20.7	1.0	56.5	0.1	26.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.8	50.6	0.0	25.3	0.0
4/21/2016 10:13	0.1	20.7	0.9	53.0	0.1	27.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.8	47.0	0.0	27.0	0.0
4/21/2016 10:14	0.1	20.7	1.0	53.0	0.1	31.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.8	47.0	0.0	30.8	0.0
4/21/2016 10:15	0.1	20.7	1.0	61.0	0.1	30.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.9	55.2	0.0	29.8	0.0
4/21/2016 10:16	0.1	20.6	1.0	61.5	0.1	30.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.8	55.7	0.0	29.5	0.0
4/21/2016 10:17	0.1	20.7	1.0	60.0	0.1	34.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.8	54.1	0.0	33.3	0.0
4/21/2016 10:18	0.1	20.6	1.1	62.0	0.1	31.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.9	56.2	0.0	30.3	0.0
4/21/2016 10:19	0.1	20.7	0.9	53.5	0.1	28.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.8	47.5	0.0	27.5	0.0
4/21/2016 10:20	0.1	20.7	1.0	53.0	0.1	31.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.8	47.0	0.0	30.7	0.0
4/21/2016 10:21	0.1	20.7	1.0	58.5	0.1	33.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.8	52.6	0.0	32.3	0.0
4/21/2016 10:22	0.1	20.7	1.1	62.0	0.1	32.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.9	56.2	0.0	31.5	0.0
4/21/2016 10:23	0.1	20.7	0.9	53.5	0.1	30.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.7	47.5	0.0	29.9	0.0
4/21/2016 10:24	0.1	20.7	0.9	53.0	0.1	29.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.8	47.0	0.0	28.9	0.0
4/21/2016 10:25	0.1	20.7	0.8	51.5	0.1	28.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.7	45.5	0.0	27.8	0.0
4/21/2016 10:26	0.1	20.7	0.7	46.0	0.1	28.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.6	39.8	0.0	28.1	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/21/2016 10:27	0.1	20.7	0.9	49.5	0.1	37.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.7	43.4	0.0	36.3	0.0
4/21/2016 10:28	0.1	20.7	1.2	64.5	0.1	41.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	1.1	58.7	0.0	40.7	0.0
4/21/2016 10:29	0.1	20.6	1.3	72.5	0.1	35.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.1	66.9	0.0	34.2	0.0
4/21/2016 10:30	0.1	20.6	1.1	63.5	0.1	36.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	1.0	57.7	0.0	35.4	0.0
4/21/2016 10:31	0.1	20.6	1.1	64.0	0.1	44.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.0	58.2	0.0	43.6	0.0
4/21/2016 10:32	0.1	20.6	1.4	74.5	0.1	36.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.2	69.0	0.0	35.3	0.0
4/21/2016 10:33	0.1	20.6	1.2	66.0	0.1	37.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.0	60.3	0.0	36.3	0.0
4/21/2016 10:34	0.1	20.6	1.1	64.5	0.1	34.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.0	58.7	0.0	33.1	0.0
4/21/2016 10:35	0.1	20.6	1.0	60.5	0.1	33.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.8	54.7	0.0	32.2	0.0
4/21/2016 10:36	0.1	20.7	0.9	54.5	0.1	36.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.7	48.5	0.0	35.6	0.0
4/21/2016 10:37	0.1	20.6	1.2	63.0	0.1	41.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.1	57.2	0.0	40.5	0.0
4/21/2016 10:38	0.1	20.6	1.1	68.5	0.1	35.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.0	62.8	0.0	34.2	0.0
4/21/2016 10:39	0.1	20.6	1.0	59.5	0.1	33.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.8	53.6	0.0	32.6	0.0
4/21/2016 10:40	0.1	20.7	1.0	58.0	0.1	34.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.8	52.1	0.0	33.1	0.0
4/21/2016 10:41	0.1	20.7	0.9	58.0	0.1	28.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.7	52.1	0.0	27.3	0.0
4/21/2016 10:42	0.1	20.7	0.8	49.5	0.1	30.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.7	43.4	0.0	29.4	0.0
4/21/2016 10:43	0.2	20.7	0.8	53.5	0.1	28.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.6	47.5	0.0	28.1	0.0
4/21/2016 10:44	0.2	20.6	1.0	56.0	0.1	40.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.8	50.1	0.0	39.8	0.0
4/21/2016 10:45	0.2	20.7	1.0	65.0	0.1	28.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.8	59.2	0.0	27.4	0.0
4/21/2016 10:46	0.2	20.7	0.9	55.0	0.1	33.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.7	49.0	0.0	32.9	0.0
4/21/2016 10:47	0.2	20.7	0.7	53.5	0.1	23.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.6	47.5	0.0	22.6	0.0
4/21/2016 10:48	0.2	20.7	0.6	40.0	0.1	18.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.5	33.7	0.0	17.8	0.0
4/21/2016 10:49	0.2	20.7	0.5	31.0	0.1	22.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.4	24.5	0.0	21.8	0.0
4/21/2016 10:50	0.2	20.7	0.8	42.5	0.1	28.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.6	36.3	0.0	28.1	0.0
4/21/2016 10:51	0.2	20.7	1.0	52.5	0.1	29.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.9	46.5	0.0	28.7	0.0
4/21/2016 10:52	0.2	20.6	0.9	51.0	0.1	27.5	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.8	44.9	0.0	26.7	0.0
4/21/2016 10:53	0.2	20.6	1.1	50.0	0.1	30.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.9	43.9	0.0	29.4	0.0
4/21/2016 10:54	0.2	20.6	1.1	57.0	0.1	34.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.0	51.1	0.0	33.7	0.0
4/21/2016 10:55	0.2	20.6	1.1	62.5	0.1	32.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.0	56.7	0.0	32.0	0.0
4/21/2016 10:56	0.2	20.6	1.1	61.0	0.1	33.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.9	55.2	0.0	32.1	0.0
4/21/2016 10:57	0.2	20.7	0.9	56.0	0.1	32.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.8	50.1	0.0	31.5	0.0
4/21/2016 10:58	0.2	20.7	1.1	61.0	0.1	41.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.0	55.2	0.0	40.1	0.0
4/21/2016 10:59	0.2	20.6	1.2	68.0	0.1	38.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.0	62.3	0.0	37.4	0.0
4/21/2016 11:00	0.2	20.7	1.2	66.0	0.1	39.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.0	60.3	0.0	38.6	0.0
4/21/2016 11:01	0.2	20.6	1.3	69.5	0.1	38.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.1	63.8	0.0	37.4	0.0
4/21/2016 11:02	0.2	20.6	1.1	64.5	0.1	33.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.9	58.7	0.0	32.3	0.0
4/21/2016 11:03	0.1	20.7	1.1	60.5	0.1	38.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.0	54.7	0.0	37.0	0.0
4/21/2016 11:04	0.1	20.7	1.1	63.0	0.1	35.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.0	57.2	0.0	34.1	0.0
4/21/2016 11:05	0.1	20.7	1.1	60.5	0.1	34.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.9	54.7	0.0	33.9	0.0
4/21/2016 11:06	0.1	20.7	0.9	54.0	0.1	27.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.7	48.0	0.0	26.3	0.0
4/21/2016 11:07	0.1	20.7	0.9	47.5	0.1	31.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.7	41.4	0.0	30.5	0.0
4/21/2016 11:08	0.1	20.7	1.0	54.0	0.1	38.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	0.8	48.0	0.0	37.1	0.0
4/21/2016 11:09	2.0	17.1	0.7	56.0	0.1	13.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	2.0	17.3	0.6	50.1	0.0	12.7	0.0
4/21/2016 11:10	9.6	10.7	0.3	22.5	0.1	2.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	10.0	10.7	0.2	15.8	0.0	1.9	0.0
4/21/2016 11:11	1.8	1.4	0.2	11.0	0.1	3.8	0.0	Changing Filter																											
4/21/2016 11:12	0.1	0.1	0.1	10.0	0.1	3.6	0.0	Changing Filter																											
4/21/2016 11:13	0.1	0.1	0.1	10.0	0.2	3.6	0.0	Changing Filter																											
4/21/2016 11:14	0.1	0.1	0.1	10.0	0.2	3.5	0.0	Changing Filter																											
4/21/2016 11:15	0.1	0.1	0.1	10.0	0.2	3.4	0.0	Changing Filter																											
4/21/2016 11:16	0.0	0.1	0.1	10.0	0.2	11.6	0.0	Changing Filter																											
4/21/2016 11:17	0.5	10.8	10.3	31.5	0.1	10.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	10.8	10.0	25.0	0.0	10.0	0.0
4/21/2016 11:18	1.2	19.1	20.2	116.0	0.1	12.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	1.2	19.3	19.7	111.3	0.0	12.2	0.0
4/21/2016 11:19	1.3	19.1	25.5	188.5	0.2	20.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	1.3	19.2	24.9	185.4	0.1	19.5	0.0
4/21/2016 11:20	1.2	19.4	16.5	242.0	0.2	30.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	1.2	19.6	16.0	240.1	0.1	29.3	0.0
4/21/2016 11:21	0.8	19.9	11.0	248.0	0.1	42.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.7	20.0	10.6	246.2	0.0	41.7	0.0
4/21/2016 11:22	0.7	20.0	10.3	281.0	0.1	52.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.7	20.1	9.9	279.9	0.0	51.3	0.0
4/21/2016 11:23	0.6	20.0	10.3	288.5	0.1	61.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.6	20.2	10.0	287.6	0.0	59.7	0.0
4/21/2016 11:24	0.6	20.1	9.3	292.0	0.1	60.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.5	20.2	9.0	291.1	0.0	58.7	0.0
4/21/2016 11:25	0.5	20.2	8.8	274.0	0.1	58.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.5	20.3	8.5	272.7	0.0	56.8	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/21/2016 11:26	0.3	20.5	4.9	181.0	0.1	18.7	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	4.7	177.7	0.0	18.1	0.0
4/21/2016 11:27	0.1	20.7	2.6	40.5	0.1	7.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.9	2.4	34.2	0.0	7.5	0.0
4/21/2016 11:28	0.1	20.7	2.2	11.5	0.1	6.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.9	2.0	4.6	0.0	6.1	0.0
4/21/2016 11:29	0.1	20.7	2.1	12.0	0.1	23.0	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.9	1.9	5.1	0.0	22.3	0.0
4/21/2016 11:30	0.2	20.5	5.3	106.5	0.1	76.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.6	5.0	101.6	0.0	74.8	0.0
4/21/2016 11:31	0.3	20.4	5.7	221.0	0.1	79.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	5.4	218.6	0.0	77.1	0.0
4/21/2016 11:32	0.4	20.4	5.8	229.5	0.1	82.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.5	5.5	227.3	0.0	80.4	0.0
4/21/2016 11:33	0.3	20.5	4.9	205.0	0.1	63.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.6	4.7	202.3	0.0	61.6	0.0
4/21/2016 11:34	0.3	20.5	5.2	179.0	0.1	74.8	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.6	4.9	175.7	0.0	72.9	0.0
4/21/2016 11:35	0.3	20.4	5.5	204.5	0.1	72.2	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	5.2	201.7	0.0	70.3	0.0
4/21/2016 11:36	0.3	20.5	5.1	202.0	0.1	71.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	4.8	199.2	0.0	69.5	0.0
4/21/2016 11:37	0.3	20.5	4.7	184.5	0.1	65.3	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.6	4.5	181.3	0.0	63.7	0.0
4/21/2016 11:38	0.3	20.5	4.4	167.5	0.1	61.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	4.1	164.0	0.0	60.3	0.0
4/21/2016 11:39	0.3	20.5	4.4	161.0	0.1	66.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	4.2	157.3	0.0	64.9	0.0
4/21/2016 11:40	0.2	20.6	4.1	158.5	0.1	60.1	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.9	154.8	0.0	58.6	0.0
4/21/2016 11:41	0.2	20.5	4.3	153.0	0.1	69.6	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	4.1	149.1	0.0	67.8	0.0
4/21/2016 11:42	0.3	20.5	4.4	173.0	0.1	59.4	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	4.2	169.6	0.0	57.8	0.0
4/21/2016 11:43	0.3	20.5	4.3	159.5	0.1	63.9	0.0	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	4.1	155.8	0.0	62.3	0.0
4/21/2016 11:44	0.3	20.5	4.3	161.5	0.1	69.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	4.0	157.8	0.0	67.2	0.1
4/21/2016 11:45	0.3	20.5	4.1	160.0	0.1	60.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.9	156.3	0.0	58.6	0.1
4/21/2016 11:46	0.3	20.6	4.1	149.0	0.1	61.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.9	145.1	0.0	60.3	0.1
4/21/2016 11:47	0.3	20.6	4.0	142.0	0.1	60.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.8	137.9	0.0	58.9	0.1
4/21/2016 11:48	0.3	20.5	4.1	149.5	0.1	62.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.9	145.6	0.0	60.7	0.1
4/21/2016 11:49	0.3	20.5	3.9	145.5	0.1	63.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.7	141.5	0.0	61.4	0.1
4/21/2016 11:50	0.3	20.6	3.7	139.5	0.1	53.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.5	135.4	0.0	52.4	0.1
4/21/2016 11:51	0.3	20.6	3.7	132.0	0.1	55.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.5	127.7	0.0	54.2	0.1
4/21/2016 11:52	0.3	20.6	3.5	127.5	0.1	59.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.3	123.1	0.0	58.3	0.1
4/21/2016 11:53	0.3	20.6	3.6	136.0	0.1	59.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.4	131.8	0.0	57.8	0.1
4/21/2016 11:54	0.3	20.6	3.4	131.0	0.1	58.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.2	126.7	0.0	57.1	0.1
4/21/2016 11:55	0.3	20.6	3.2	127.0	0.1	54.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.0	122.6	0.0	53.0	0.1
4/21/2016 11:56	0.3	20.6	3.2	120.0	0.1	53.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	3.0	115.4	0.0	52.4	0.1
4/21/2016 11:57	0.3	20.6	3.0	114.5	0.1	48.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.8	109.8	0.0	46.9	0.1
4/21/2016 11:58	0.3	20.6	2.9	111.0	0.1	46.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.7	106.2	0.0	45.3	0.1
4/21/2016 11:59	0.3	20.6	2.8	106.5	0.1	45.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.6	101.6	0.0	44.0	0.1
4/21/2016 12:00	0.3	20.6	2.8	104.5	0.1	45.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.6	99.6	0.0	44.0	0.1
4/21/2016 12:01	0.3	20.6	2.7	94.0	0.1	37.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.5	88.9	0.0	36.8	0.1
4/21/2016 12:02	0.3	20.6	2.6	99.0	0.1	38.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.4	94.0	0.0	37.8	0.1
4/21/2016 12:03	0.3	20.6	2.7	103.5	0.1	42.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.5	98.6	0.0	41.3	0.1
4/21/2016 12:04	0.3	20.6	2.6	102.5	0.1	42.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.4	97.6	0.0	41.1	0.1
4/21/2016 12:05	0.3	20.6	2.6	102.0	0.1	40.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.4	97.0	0.0	39.2	0.1
4/21/2016 12:06	0.3	20.6	2.9	108.0	0.1	43.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.7	103.2	0.0	42.2	0.1
4/21/2016 12:07	0.3	20.6	2.5	107.5	0.1	47.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.3	102.7	0.0	46.5	0.1
4/21/2016 12:08	0.3	20.6	2.6	100.0	0.1	41.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.4	95.0	0.0	40.2	0.1
4/21/2016 12:09	0.3	20.6	2.5	101.5	0.1	48.1	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.3	96.5	0.0	46.9	0.1
4/21/2016 12:10	0.3	20.6	2.6	106.0	0.1	44.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.4	101.1	0.0	43.3	0.1
4/21/2016 12:11	0.3	20.6	2.4	106.5	0.1	49.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.2	101.6	0.0	48.3	0.1
4/21/2016 12:12	0.3	20.6	2.4	107.0	0.1	44.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.2	102.2	0.0	43.3	0.1
4/21/2016 12:13	0.3	20.6	2.3	104.0	0.1	45.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.1	99.1	0.0	44.7	0.1
4/21/2016 12:14	0.3	20.6	2.2	98.5	0.1	42.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.0	93.5	0.0	41.2	0.1
4/21/2016 12:15	0.3	20.6	2.3	103.0	0.1	44.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.1	98.1	0.0	43.3	0.1
4/21/2016 12:16	0.3	20.6	2.2	101.5	0.1	43.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.0	96.5	0.0	42.2	0.1
4/21/2016 12:17	0.2	20.6	2.1	91.5	0.1	38.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.9	86.3	0.0	37.2	0.1
4/21/2016 12:18	0.3	20.6	2.1	98.5	0.1	40.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.9	93.5	0.0	39.3	0.1
4/21/2016 12:19	0.2	20.6	2.2	102.0	0.1	42.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	2.0	97.0	0.0	41.7	0.1
4/21/2016 12:20	0.2	20.6	2.1	100.5	0.1	44.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.9	95.5	0.0	43.2	0.1
4/21/2016 12:21	0.2	20.6	2.1	97.5	0.1	41.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.9	92.4	0.0	40.2	0.1
4/21/2016 12:22	0.2	20.6	1.9	93.5	0.1	40.1	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.7	88.4	0.0	39.0	0.1
4/21/2016 12:23	0.2	20.6	2.0	93.5	0.1	39.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.8	88.4	0.0	38.6	0.1
4/21/2016 12:24	0.2	20.6	2.0	96.0	0.1	40.1	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.8	90.9	0.0	39.0	0.1

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/21/2016 12:25	0.2	20.6	1.9	101.0	0.1	41.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.7	96.0	0.0	40.8	0.1
4/21/2016 12:26	0.2	20.6	1.9	95.5	0.1	40.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.7	90.4	0.0	39.2	0.1
4/21/2016 12:27	0.2	20.6	1.7	84.0	0.1	36.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	78.7	0.0	35.6	0.1
4/21/2016 12:28	0.2	20.6	1.7	85.5	0.1	34.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	80.2	0.0	33.7	0.1
4/21/2016 12:29	0.2	20.6	1.6	84.0	0.1	35.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.4	78.7	0.0	34.6	0.1
4/21/2016 12:30	0.2	20.6	1.7	84.5	0.1	32.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	79.2	0.0	32.0	0.1
4/21/2016 12:31	0.2	20.6	1.9	89.0	0.1	33.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.7	83.8	0.0	32.6	0.1
4/21/2016 12:32	0.2	20.6	1.7	87.5	0.1	34.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	82.2	0.0	33.6	0.1
4/21/2016 12:33	0.2	20.6	1.5	79.5	0.1	31.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.3	74.1	0.0	30.7	0.1
4/21/2016 12:34	0.1	20.6	1.4	79.5	0.1	31.1	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.3	74.1	0.0	30.3	0.1
4/21/2016 12:35	0.1	20.6	1.5	76.0	0.1	30.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.3	70.5	0.0	29.7	0.1
4/21/2016 12:36	0.1	20.6	1.5	81.5	0.1	32.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.3	76.1	0.0	31.3	0.1
4/21/2016 12:37	0.1	20.6	1.3	79.0	0.1	32.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.2	73.5	0.0	31.1	0.1
4/21/2016 12:38	0.1	20.6	1.4	78.5	0.1	28.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	1.3	73.0	0.0	28.1	0.1
4/21/2016 12:39	0.1	20.6	1.4	79.0	0.1	30.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	1.3	73.5	0.0	29.7	0.1
4/21/2016 12:40	0.1	20.6	1.4	77.5	0.1	30.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	1.2	72.0	0.0	29.4	0.1
4/21/2016 12:41	0.1	20.6	1.5	78.0	0.1	29.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.3	72.5	0.0	28.5	0.1
4/21/2016 12:42	0.1	20.6	1.5	82.5	0.1	32.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.3	77.1	0.0	31.3	0.1
4/21/2016 12:43	0.1	20.6	1.3	78.0	0.1	30.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	1.2	72.5	0.0	29.7	0.1
4/21/2016 12:44	0.1	20.6	1.3	71.0	0.1	28.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.1	65.4	0.0	27.2	0.1
4/21/2016 12:45	0.1	20.6	1.3	71.5	0.1	28.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	1.1	65.9	0.0	27.5	0.1
4/21/2016 12:46	0.1	20.6	1.4	71.5	0.1	26.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.2	65.9	0.0	26.0	0.1
4/21/2016 12:47	0.1	20.6	1.5	76.0	0.1	28.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.3	70.5	0.0	27.2	0.1
4/21/2016 12:48	0.1	20.6	1.3	74.0	0.1	29.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.2	68.4	0.0	28.3	0.1
4/21/2016 12:49	0.1	20.6	1.3	75.0	0.1	29.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	1.2	69.5	0.0	28.4	0.1
4/21/2016 12:50	0.1	20.6	1.4	74.5	0.1	26.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.3	69.0	0.0	26.1	0.1
4/21/2016 12:51	0.1	20.6	1.6	76.5	0.1	27.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.4	71.0	0.0	26.2	0.1
4/21/2016 12:52	0.1	20.6	1.4	77.5	0.1	26.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.3	72.0	0.0	26.1	0.1
4/21/2016 12:53	0.1	20.6	1.4	75.0	0.1	26.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.2	69.5	0.0	25.7	0.1
4/21/2016 12:54	0.1	20.6	1.4	76.5	0.1	26.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.2	71.0	0.0	25.8	0.1
4/21/2016 12:55	0.1	20.6	1.5	76.0	0.1	27.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.3	70.5	0.0	27.1	0.1
4/21/2016 12:56	0.1	20.6	1.2	66.5	0.1	27.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.1	60.8	0.0	26.7	0.1
4/21/2016 12:57	0.1	20.6	1.3	65.5	0.1	24.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	1.1	59.8	0.0	23.7	0.1
4/21/2016 12:58	0.1	20.6	1.7	78.0	0.1	29.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	72.5	0.0	28.7	0.1
4/21/2016 12:59	0.1	20.6	1.7	82.0	0.1	31.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	76.6	0.0	30.8	0.1
4/21/2016 13:00	0.1	20.6	1.7	82.5	0.1	34.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	77.1	0.0	33.4	0.1
4/21/2016 13:01	0.1	20.6	1.6	80.5	0.1	34.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.4	75.1	0.0	33.4	0.1
4/21/2016 13:02	0.1	20.6	1.5	81.0	0.1	33.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.3	75.6	0.0	32.5	0.1
4/21/2016 13:03	0.1	20.6	1.5	79.0	0.1	34.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.3	73.5	0.0	33.1	0.1
4/21/2016 13:04	0.1	20.6	1.5	73.5	0.1	30.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.3	67.9	0.0	29.7	0.1
4/21/2016 13:05	0.1	20.6	1.6	77.5	0.1	32.1	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.4	72.0	0.0	31.2	0.1
4/21/2016 13:06	0.1	20.6	1.6	76.5	0.1	31.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.4	71.0	0.0	30.6	0.1
4/21/2016 13:07	0.1	20.6	1.5	71.0	0.1	29.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.3	65.4	0.0	28.5	0.1
4/21/2016 13:08	0.1	20.6	1.6	76.5	0.1	30.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.4	71.0	0.0	29.7	0.1
4/21/2016 13:09	0.1	20.6	1.7	78.0	0.1	31.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	72.5	0.0	30.9	0.1
4/21/2016 13:10	0.1	20.6	1.9	85.5	0.1	32.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.7	80.2	0.0	32.0	0.1
4/21/2016 13:11	0.1	20.6	1.7	79.0	0.1	31.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	73.5	0.0	30.8	0.1
4/21/2016 13:12	0.1	20.6	1.6	74.5	0.1	28.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.4	69.0	0.0	28.0	0.1
4/21/2016 13:13	0.1	20.6	1.7	75.0	0.1	26.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	69.5	0.0	25.9	0.1
4/21/2016 13:14	0.1	20.6	1.8	86.0	0.1	31.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.6	80.7	0.0	30.3	0.1
4/21/2016 13:15	0.1	20.6	1.7	88.5	0.1	33.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	83.3	0.0	32.5	0.1
4/21/2016 13:16	0.1	20.6	1.7	85.5	0.1	30.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	80.2	0.0	29.5	0.1
4/21/2016 13:17	0.1	20.6	2.0	92.0	0.1	31.1	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.8	86.8	0.0	30.2	0.1
4/21/2016 13:18	0.1	20.6	2.0	98.0	0.1	33.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.8	93.0	0.0	32.4	0.1
4/21/2016 13:19	0.1	20.6	1.8	88.0	0.1	31.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.6	82.7	0.0	30.5	0.1
4/21/2016 13:20	0.1	20.5	1.8	92.0	0.1	32.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.6	86.8	0.0	31.6	0.1
4/21/2016 13:21	0.1	20.6	1.6	85.0	0.1	30.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.4	79.7	0.0	29.9	0.1
4/21/2016 13:22	0.1	20.6	1.6	81.0	0.1	27.1	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.4	75.6	0.0	26.3	0.1
4/21/2016 13:23	0.1	20.6	1.7	91.5	0.1	27.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	86.3	0.0	26.5	0.1

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/21/2016 13:24	0.1	20.6	1.6	83.0	0.1	30.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.4	77.6	0.0	29.4	0.1
4/21/2016 13:25	0.2	20.5	2.0	94.5	0.1	28.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.8	89.4	0.0	27.2	0.1
4/21/2016 13:26	0.2	20.5	2.1	104.5	0.1	36.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.9	99.6	0.0	35.7	0.1
4/21/2016 13:27	0.2	20.5	1.9	102.5	0.1	38.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.7	97.6	0.0	37.1	0.1
4/21/2016 13:28	0.2	20.6	2.0	95.5	0.1	34.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.8	90.4	0.0	33.5	0.1
4/21/2016 13:29	0.2	20.5	2.0	97.5	0.1	36.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.8	92.4	0.0	35.8	0.1
4/21/2016 13:30	0.2	20.5	2.2	113.0	0.1	43.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	2.0	108.3	0.0	42.0	0.1
4/21/2016 13:31	0.2	20.5	2.1	114.0	0.1	44.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.9	109.3	0.0	43.2	0.1
4/21/2016 13:32	0.2	20.4	1.9	112.0	0.1	44.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.5	1.7	107.3	0.0	43.1	0.1
4/21/2016 13:33	0.1	20.5	0.7	48.0	0.1	28.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.5	41.9	0.0	27.4	0.1
4/21/2016 13:34	0.1	20.6	0.5	13.5	0.1	5.0	0.1	Changing Filter																											
4/21/2016 13:35	0.1	20.6	0.4	12.5	0.1	3.6	0.1	Changing Filter																											
4/21/2016 13:36	0.1	20.6	0.4	12.0	0.1	2.8	0.1	Changing Filter																											
4/21/2016 13:37	0.1	20.6	0.4	12.0	0.1	2.1	0.1	Changing Filter																											
4/21/2016 13:38	0.1	20.6	0.4	11.0	0.1	1.9	0.1	Changing Filter																											
4/21/2016 13:39	0.2	20.6	0.3	12.5	0.1	1.6	0.1	Changing Filter																											
4/21/2016 13:40	0.2	20.6	0.3	11.0	0.1	0.8	0.1	Changing Filter																											
4/21/2016 13:41	0.2	20.6	0.3	10.5	0.0	0.3	0.1	Changing Filter																											
4/21/2016 13:42	0.1	20.6	0.3	11.5	0.0	0.5	0.1	Changing Filter																											
4/21/2016 13:43	0.2	20.6	0.3	10.5	0.0	0.0	0.1	Changing Filter																											
4/21/2016 13:44	0.1	20.6	0.2	8.5	0.0	0.0	0.1	Changing Filter																											
4/21/2016 13:45	0.1	20.6	0.2	5.0	0.1	0.0	0.1	Changing Filter																											
4/21/2016 13:46	0.1	20.6	0.2	5.0	0.0	0.0	0.1	Changing Filter																											
4/21/2016 13:47	0.1	20.6	0.1	5.0	0.0	0.0	0.1	Changing Filter																											
4/21/2016 13:48	0.1	20.6	0.1	5.5	0.0	0.0	0.1	Changing Filter																											
4/21/2016 13:49	0.1	20.6	0.2	5.0	0.0	0.0	0.1	Changing Filter																											
4/21/2016 13:50	0.2	20.7	0.2	6.5	0.0	0.0	0.1	Changing Filter																											
4/21/2016 13:51	0.2	20.7	0.2	8.0	0.1	0.0	0.1	Changing Filter																											
4/21/2016 13:52	0.2	20.7	0.2	8.5	0.1	0.0	0.1	Changing Filter																											
4/21/2016 13:53	0.4	20.3	3.6	64.5	0.1	0.0	0.1	Changing Filter																											
4/21/2016 13:54	1.1	19.5	8.4	363.5	0.2	37.0	0.1	Changing Filter																											
4/21/2016 13:55	1.1	19.6	8.9	482.0	0.3	66.1	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	1.1	19.7	8.6	485.2	0.3	64.4	0.1
4/21/2016 13:56	1.1	19.6	11.3	531.0	0.5	76.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	1.0	19.7	10.9	535.3	0.4	74.2	0.1
4/21/2016 13:57	1.1	19.5	13.0	638.5	0.6	95.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	1.1	19.7	12.6	645.1	0.6	93.1	0.1
4/21/2016 13:58	0.7	20.1	8.9	472.0	0.5	91.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.7	20.3	8.6	475.0	0.4	89.6	0.1
4/21/2016 13:59	0.2	20.6	4.2	124.5	0.2	45.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.8	4.0	120.0	0.1	44.6	0.1
4/21/2016 14:00	0.1	20.7	3.3	14.5	0.1	9.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	3.1	7.7	0.0	9.5	0.1
4/21/2016 14:01	0.1	20.7	2.7	11.5	0.1	7.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	2.5	4.6	0.0	6.7	0.1
4/21/2016 14:02	0.1	20.7	2.3	11.0	0.1	5.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	2.1	4.1	0.0	5.4	0.1
4/21/2016 14:03	0.1	20.7	1.9	10.5	0.1	4.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.7	3.6	0.0	4.6	0.1
4/21/2016 14:04	0.1	20.7	1.7	10.5	0.1	4.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.5	3.6	0.0	4.0	0.1
4/21/2016 14:05	0.1	20.7	1.4	11.5	0.1	3.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	1.3	4.6	0.0	3.5	0.1
4/21/2016 14:06	0.1	20.7	1.3	12.0	0.1	3.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	1.1	5.1	0.0	3.1	0.1
4/21/2016 14:07	0.1	20.7	1.1	12.0	0.1	3.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	1.0	5.1	0.0	2.8	0.1
4/21/2016 14:08	0.1	20.7	1.0	10.5	0.1	2.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.8	0.8	3.6	0.0	2.3	0.1
4/21/2016 14:09	0.3	20.3	4.2	125.0	0.1	2.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.4	4.0	120.5	0.0	2.4	0.1
4/21/2016 14:10	0.4	20.2	5.9	395.0	0.1	91.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.4	5.7	396.3	0.0	89.6	0.1
4/21/2016 14:11	0.1	20.6	2.2	487.5	0.2	96.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.8	2.0	490.8	0.1	94.4	0.1
4/21/2016 14:12	0.1	20.6	0.6	399.5	0.2	96.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.5	400.9	0.1	94.4	0.1
4/21/2016 14:13	0.1	20.6	0.5	239.0	0.2	96.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.4	237.0	0.1	94.4	0.1
4/21/2016 14:14	0.1	20.6	0.4	162.0	0.2	96.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.3	158.3	0.1	94.4	0.1
4/21/2016 14:15	0.1	20.5	0.4	130.5	0.2	96.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.2	126.2	0.1	94.4	0.1
4/21/2016 14:16	0.1	20.5	0.3	58.0	0.2	96.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.2	52.1	0.1	94.4	0.1
4/21/2016 14:17	0.1	20.5	0.3	7.0	0.2	96.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.2	0.0	0.1	94.4	0.1
4/21/2016 14:18	0.1	20.5	0.3	3.5	0.2	96.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.1	-3.6	0.1	94.3	0.1
4/21/2016 14:19	0.1	20.5	0.2	3.0	0.2	96.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.1	-4.1	0.1	94.4	0.1
4/21/2016 14:20	0.1	20.5	0.2	2.5	0.2	96.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.0	-4.6	0.1	94.4	0.1
4/21/2016 14:21	0.1	20.5	1.7	31.0	0.2	96.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	24.5	0.1	94.4	0.1
4/21/2016 14:22	0.1	20.6	1.3	24.5	0.1	24.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.1	17.9	0.0	23.9	0.1

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/21/2016 14:23	0.1	20.6	1.0	12.0	0.1	9.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.9	5.1	0.0	9.3	0.1
4/21/2016 14:24	0.1	20.6	0.8	7.0	0.1	4.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.0	20.7	0.6	0.0	0.0	4.4	0.1
4/21/2016 14:25	0.1	20.6	1.7	17.5	0.1	2.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	1.5	10.7	0.0	2.0	0.1
4/21/2016 14:26	0.3	20.3	5.7	204.0	0.2	38.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.4	5.4	201.2	0.1	37.9	0.1
4/21/2016 14:27	0.4	20.3	5.8	285.0	0.3	92.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.4	5.5	284.0	0.2	90.3	0.1
4/21/2016 14:28	0.4	20.3	6.5	291.5	0.3	91.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.4	6.2	290.6	0.2	89.2	0.1
4/21/2016 14:29	0.4	20.3	6.2	290.0	0.3	96.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.4	5.9	289.1	0.2	93.8	0.1
4/21/2016 14:30	0.3	20.3	6.0	289.5	0.3	95.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.4	5.7	288.6	0.2	93.2	0.1
4/21/2016 14:31	0.3	20.3	6.0	277.0	0.3	95.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.5	5.7	275.8	0.2	93.0	0.1
4/21/2016 14:32	0.3	20.3	6.1	285.0	0.3	96.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.4	5.9	284.0	0.2	93.6	0.1
4/21/2016 14:33	0.3	20.3	5.9	269.5	0.3	96.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.4	5.6	268.1	0.2	93.9	0.1
4/21/2016 14:34	0.4	20.3	6.3	284.5	0.3	91.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.4	6.1	283.5	0.2	88.8	0.1
4/21/2016 14:35	0.4	20.3	6.0	289.0	0.3	94.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.4	5.8	288.1	0.2	92.4	0.1
4/21/2016 14:36	0.3	20.4	5.4	262.5	0.3	90.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.5	5.2	261.0	0.2	88.5	0.1
4/21/2016 14:37	0.4	20.4	5.6	272.0	0.2	88.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	5.3	270.7	0.1	86.0	0.1
4/21/2016 14:38	0.4	20.4	5.4	287.5	0.2	91.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	5.1	286.5	0.1	89.4	0.1
4/21/2016 14:39	0.4	20.4	5.3	267.0	0.2	89.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	5.1	265.6	0.1	87.0	0.1
4/21/2016 14:40	0.4	20.5	4.8	245.5	0.2	91.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	4.5	243.6	0.1	89.2	0.1
4/21/2016 14:41	0.3	20.5	4.6	227.0	0.2	80.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	4.4	224.7	0.1	78.3	0.1
4/21/2016 14:42	0.3	20.5	4.6	228.5	0.2	83.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	4.3	226.3	0.1	80.9	0.1
4/21/2016 14:43	0.3	20.5	4.3	218.5	0.2	82.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	4.0	216.1	0.1	80.4	0.1
4/21/2016 14:44	0.4	20.5	4.5	219.5	0.2	75.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	4.3	217.1	0.1	74.0	0.1
4/21/2016 14:45	0.4	20.5	4.7	240.5	0.2	81.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	4.5	238.5	0.1	79.7	0.1
4/21/2016 14:46	0.4	20.5	5.1	262.0	0.2	84.1	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	4.8	260.5	0.1	82.0	0.1
4/21/2016 14:47	0.4	20.5	5.2	262.0	0.2	89.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.6	4.9	260.5	0.1	87.5	0.1
4/21/2016 14:48	0.4	20.5	4.8	237.0	0.2	85.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.6	4.6	234.9	0.1	83.3	0.1
4/21/2016 14:49	0.4	20.5	4.6	219.0	0.2	69.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	4.4	216.6	0.1	67.5	0.1
4/21/2016 14:50	0.4	20.5	4.6	250.5	0.2	85.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.6	4.4	248.7	0.1	83.4	0.1
4/21/2016 14:51	0.4	20.5	4.6	230.5	0.2	81.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.6	4.4	228.3	0.1	78.9	0.1
4/21/2016 14:52	0.4	20.5	4.3	220.5	0.2	78.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.6	4.1	218.1	0.1	76.3	0.1
4/21/2016 14:53	0.4	20.5	3.9	204.0	0.2	77.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.7	3.7	201.2	0.1	75.6	0.1
4/21/2016 14:54	0.4	20.5	4.0	207.0	0.2	77.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.7	3.8	204.3	0.1	75.0	0.1
4/21/2016 14:55	0.4	20.5	4.3	203.0	0.2	75.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.6	4.0	200.2	0.1	73.1	0.1
4/21/2016 14:56	0.4	20.5	3.9	199.5	0.2	73.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	3.7	196.6	0.1	71.4	0.1
4/21/2016 14:57	0.4	20.6	3.5	175.5	0.2	62.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.7	3.3	172.1	0.1	61.3	0.1
4/21/2016 14:58	0.4	20.5	3.8	186.5	0.2	69.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	3.6	183.4	0.1	68.0	0.1
4/21/2016 14:59	0.4	20.5	3.8	190.5	0.2	64.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	3.6	187.4	0.1	63.2	0.1
4/21/2016 15:00	0.4	20.6	3.4	188.5	0.1	70.1	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	3.2	185.4	0.0	68.3	0.1
4/21/2016 15:01	0.4	20.6	3.2	179.0	0.1	67.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	3.0	175.7	0.0	65.5	0.1
4/21/2016 15:02	0.4	20.6	3.0	170.5	0.1	63.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.8	167.0	0.0	62.0	0.1
4/21/2016 15:03	0.4	20.6	3.1	172.0	0.1	62.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.9	168.5	0.0	60.6	0.1
4/21/2016 15:04	0.4	20.6	3.1	180.0	0.1	65.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.9	176.7	0.0	64.1	0.1
4/21/2016 15:05	0.4	20.6	3.0	174.5	0.1	68.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.8	171.1	0.0	67.0	0.1
4/21/2016 15:06	0.4	20.6	2.8	167.5	0.1	66.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.6	164.0	0.0	64.3	0.1
4/21/2016 15:07	0.4	20.6	2.7	169.0	0.1	63.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.5	165.5	0.0	61.8	0.1
4/21/2016 15:08	0.4	20.6	2.6	165.5	0.1	61.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.4	161.9	0.0	59.6	0.1
4/21/2016 15:09	0.4	20.6	2.8	173.5	0.1	64.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.6	170.1	0.0	62.3	0.1
4/21/2016 15:10	0.4	20.6	2.4	150.5	0.1	62.1	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.2	146.6	0.0	60.5	0.1
4/21/2016 15:11	0.4	20.6	2.5	139.5	0.1	52.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.3	135.4	0.0	50.7	0.1
4/21/2016 15:12	0.4	20.6	2.4	148.5	0.1	62.2	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.2	144.5	0.0	60.6	0.1
4/21/2016 15:13	0.4	20.6	2.3	137.0	0.1	56.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.1	132.8	0.0	55.1	0.1
4/21/2016 15:14	0.4	20.6	2.4	138.0	0.1	58.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.2	133.8	0.0	56.8	0.1
4/21/2016 15:15	0.4	20.6	2.3	147.5	0.1	60.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.1	143.5	0.0	59.1	0.1
4/21/2016 15:16	0.4	20.6	2.3	155.0	0.1	60.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.1	151.2	0.0	58.9	0.1
4/21/2016 15:17	0.4	20.6	2.2	147.5	0.1	63.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.7	2.0	143.5	0.0	62.2	0.1
4/21/2016 15:18	0.4	20.6	2.2	139.0	0.1	58.9	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.4	20.8	2.0	134.8	0.0	57.4	0.1
4/21/2016 15:19	0.4	20.6	2.0	128.5	0.1	56.8	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.8	1.8	124.1	0.0	55.4	0.1
4/21/2016 15:20	0.4	20.6	1.9	124.0	0.1	55.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.8	1.7	119.5	0.0	54.2	0.1
4/21/2016 15:21	0.4	20.6	2.1	127.0	0.1	53.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.7	1.9	122.6	0.0	51.6	0.1

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/21/2016 15:22	0.4	20.6	2.1	129.5	0.1	54.5	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.7	1.9	125.1	0.0	53.1	0.1
4/21/2016 15:23	0.4	20.6	2.2	135.0	0.1	57.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.7	2.0	130.8	0.0	55.9	0.1
4/21/2016 15:24	0.4	20.6	2.3	131.5	0.1	53.6	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.7	2.1	127.2	0.0	52.2	0.1
4/21/2016 15:25	0.3	20.6	2.0	127.5	0.1	52.4	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.7	1.8	123.1	0.0	51.1	0.1
4/21/2016 15:26	0.6	20.3	3.8	278.0	0.2	69.7	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.5	20.4	3.6	276.8	0.1	67.9	0.1
4/21/2016 15:27	0.9	19.9	4.1	404.5	0.2	83.0	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.9	20.1	3.9	406.1	0.1	80.9	0.1
4/21/2016 15:28	1.7	18.8	11.1	313.5	0.2	52.3	0.1	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	1.7	18.9	10.8	313.1	0.1	50.9	0.1
4/21/2016 15:29	3.0	17.6	19.1	365.5	0.6	29.9	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	3.0	17.7	18.6	366.2	0.5	29.0	0.2
4/21/2016 15:30	2.7	17.9	31.1	527.5	1.4	50.2	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	2.7	18.0	30.4	531.7	1.3	48.9	0.2
4/21/2016 15:31	3.0	17.7	43.8	415.0	4.0	38.1	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	3.0	17.8	42.9	416.8	4.1	37.0	0.2
4/21/2016 15:32	2.5	18.1	42.3	272.0	5.8	23.2	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	2.5	18.2	41.4	270.7	5.9	22.5	0.2
4/21/2016 15:33	1.5	19.6	15.9	191.5	5.2	20.5	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	1.5	19.7	15.5	188.5	5.3	19.9	0.2
4/21/2016 15:34	0.4	20.6	5.9	101.0	2.1	21.0	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.3	20.7	5.7	96.0	2.1	20.4	0.2
4/21/2016 15:35	1.3	19.1	26.8	146.5	2.8	21.7	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	1.3	19.2	26.2	142.5	2.8	21.0	0.2
4/21/2016 15:36	2.0	18.5	33.1	220.5	5.0	17.0	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	2.0	18.6	32.3	218.1	5.2	16.4	0.2
4/21/2016 15:37	1.9	18.8	31.8	299.5	5.9	23.1	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	1.9	19.0	31.0	298.8	6.0	22.4	0.2
4/21/2016 15:38	0.7	20.3	30.5	341.5	5.5	29.3	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.7	20.4	29.8	341.7	5.6	28.5	0.2
4/21/2016 15:39	0.2	20.6	10.5	383.5	4.9	37.9	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	10.2	384.6	5.0	36.9	0.2
4/21/2016 15:40	0.2	20.6	1.9	329.0	4.3	34.3	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.7	328.9	4.4	33.3	0.2
4/21/2016 15:41	0.2	20.6	1.4	146.0	3.6	50.2	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.3	142.0	3.7	48.9	0.2
4/21/2016 15:42	0.2	20.6	1.2	16.0	2.4	56.8	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	1.0	9.2	2.4	55.3	0.2
4/21/2016 15:43	0.2	20.5	1.0	2.0	1.4	54.0	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.8	-5.1	1.3	52.6	0.2
4/21/2016 15:44	0.2	20.5	0.7	1.0	0.8	58.4	0.2	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.6	-6.1	0.7	56.9	0.2
4/21/2016 15:45	0.2	20.5	0.7	1.0	0.5	65.5	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.5	-6.1	0.5	63.8	0.4
4/21/2016 15:46	0.2	20.5	0.6	1.5	0.7	61.9	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.4	-5.6	0.6	60.3	0.4
4/21/2016 15:47	0.2	20.5	0.6	1.5	0.8	26.2	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.4	-5.6	0.8	25.4	0.4
4/21/2016 15:48	0.2	20.5	0.5	5.0	0.8	16.5	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.4	-2.0	0.7	15.9	0.4
4/21/2016 15:49	0.2	20.5	0.5	6.5	0.8	14.6	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.3	-0.5	0.7	14.1	0.4
4/21/2016 15:50	0.2	20.5	0.4	2.0	0.4	13.1	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.3	-5.1	0.3	12.7	0.4
4/21/2016 15:51	0.2	20.5	0.4	1.5	0.2	45.1	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.3	-5.6	0.1	43.9	0.4
4/21/2016 15:52	0.2	20.5	0.4	2.5	0.2	87.2	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.3	-4.6	0.1	85.0	0.4
4/21/2016 15:53	0.2	20.5	0.4	2.5	0.1	85.2	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.1	20.7	0.2	-4.6	0.0	83.1	0.4
4/21/2016 15:54	0.2	20.5	0.4	2.5	0.1	85.4	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.3	-4.6	0.0	83.2	0.4
4/21/2016 15:55	0.2	20.5	0.3	2.5	0.1	90.3	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.2	-4.6	0.0	88.0	0.4
4/21/2016 15:56	0.2	20.5	0.3	3.0	0.1	83.9	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.2	-4.1	0.0	81.8	0.4
4/21/2016 15:57	0.2	20.5	0.3	2.0	0.1	82.9	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.1	-5.1	0.0	80.8	0.4
4/21/2016 15:58	0.2	20.5	0.3	3.0	0.1	78.2	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.2	-4.1	0.0	76.3	0.4
4/21/2016 15:59	0.3	20.5	0.4	5.0	0.1	76.3	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.2	-2.0	0.0	74.4	0.4
4/21/2016 16:00	0.2	20.5	0.3	3.0	0.1	74.5	0.3	Day 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.7	25.1	7.0	258.0	256.4	0.1	14.3	14.8	0.1	14.9	14.4	1.171	0.2	20.7	0.1	-4.1	0.0	72.6	0.4
	0.3	**20.5**	**3.0**	**109.5**	**0.2**	**42.6**	**0.0**	**Day 4 Average**																				**0.3**	**20.6**	**2.8**	**104.7**	**0.1**	**41.5**	**0.0**
4/21/2016 16:01	0.3	20.5	0.2	2.0	0.1	51.0	0.3																												
4/21/2016 16:02	0.3	20.5	0.3	1.5	0.1	39.0	0.3																												
4/21/2016 16:03	0.2	20.5	0.3	2.0	0.1	81.5	0.3																												
4/21/2016 16:04	0.2	20.5	0.3	2.0	0.1	81.8	0.3																												
4/21/2016 16:05	0.2	20.5	0.4	2.0	0.1	86.2	0.3																												
4/21/2016 16:06	0.2	20.5	0.2	1.5	0.1	91.0	0.3																												
4/21/2016 16:07	0.2	20.5	0.3	2.0	0.2	88.7	0.3																												
4/21/2016 16:08	0.2	20.5	0.5	4.0	0.2	45.0	0.3																												
4/21/2016 16:09	0.2	20.6	0.6	10.5	0.2	17.2	0.3																												
4/21/2016 16:10	0.2	20.6	0.5	7.5	0.2	4.9	0.3																												
4/21/2016 16:11	0.1	20.6	0.4	6.0	0.2	0.1	0.3																												
4/21/2016 16:12	0.1	20.6	0.4	6.5	0.3	0.1	0.3																												
4/21/2016 16:13	0.1	20.6	0.4	7.0	0.3	0.1	0.3																												
4/21/2016 16:14	0.1	20.6	0.5	9.0	0.3	0.1	0.3																												
4/21/2016 16:15	2.7	16.4	0.4	10.0	0.3	0.1	0.3																												
4/21/2016 16:16	10.4	11.1	0.2	8.5	0.2	0.1	0.3																												
4/21/2016 16:17	10.9	10.9	0.2	7.5	0.2	0.1	0.3																												
4/21/2016 16:18	10.9	10.9	0.2	7.5	0.2	0.1	0.3																												
4/21/2016 16:19	10.9	**11.0**	0.2	7.5	**0.2**	0.1	0.3	**10.98 O2, Zero SO2 Bias Check**																											

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/21/2016 16:20	8.9	7.0	14.0	41.0	0.2	0.1	0.3																										
4/21/2016 16:21	2.9	0.3	25.6	186.5	0.5	0.1	0.3																										
4/21/2016 16:22	2.5	0.1	25.6	251.0	0.8	0.1	0.3																										
4/21/2016 16:23	2.5	0.1	25.6	259.0	0.8	0.1	0.3																										
4/21/2016 16:24	**2.5**	**0.1**	**25.6**	**258.5**	0.8	0.1	0.3	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/21/2016 16:25	2.0	7.2	12.5	226.0	1.7	0.1	0.3																										
4/21/2016 16:26	0.3	20.2	0.4	68.0	9.8	0.1	0.3																										
4/21/2016 16:27	0.1	20.7	0.3	9.5	12.5	0.2	0.3																										
4/21/2016 16:28	0.1	20.7	0.2	7.5	13.5	0.1	0.3																										
4/21/2016 16:29	**0.1**	20.7	**0.2**	**7.5**	**13.9**	**0.0**	0.3	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																									
4/21/2016 16:30	0.1	15.1	0.2	7.0	13.2	0.0	0.3																										
4/21/2016 16:31	0.1	0.6	0.1	7.5	4.1	9.6	0.3																										
4/21/2016 16:32	0.1	0.1	0.2	7.0	1.2	14.9	0.3																										
4/21/2016 16:33	0.1	0.1	0.1	7.0	0.8	14.8	0.3																										
4/21/2016 16:34	0.1	0.1	0.1	7.5	0.6	**14.7**	0.3	**14.4 C3H8 Bias Check**																									
4/21/2016 16:35	0.1	5.8	0.2	7.5	0.5	14.6	0.3																										
4/21/2016 16:36	0.1	0.1	0.3	10.5	0.5	8.9	3.6																										
4/21/2016 16:37	0.1	0.1	0.2	9.5	0.5	0.1	8.6																										
4/21/2016 16:38	0.1	0.1	0.4	10.5	0.5	0.1	**8.5**	**9.98 H2S Bias Check**																									
4/21/2016 16:39	0.1	0.1	0.3	11.5	0.4	0.1	1.4																										
4/21/2016 16:40	0.1	20.7	0.3	10.5	0.4	0.1	0.3																										
4/21/2016 16:41	0.1	20.7	0.2	11.5	0.4	0.1	0.3																										
4/21/2016 16:42	0.1	20.7	0.2	9.0	0.4	0.1	0.3																										
4/21/2016 16:43	0.1	20.7	0.2	9.0	0.3	0.1	0.3																										
4/21/2016 16:44	0.1	20.7	0.2	9.0	0.3	0.1	0.3																										
4/21/2016 16:45	0.1	20.7	0.3	10.0	0.3	0.1	0.3																										
4/21/2016 16:46	0.1	20.7	0.2	10.0	0.3	0.1	0.3																										
4/21/2016 16:47	0.1	20.7	0.2	10.5	0.3	0.1	0.3																										
4/21/2016 16:48	0.1	20.7	0.2	10.5	0.3	0.1	0.3																										
4/21/2016 16:49	0.1	20.7	0.2	9.5	0.3	0.1	0.3																										
4/21/2016 16:50	0.1	20.7	0.2	10.0	0.3	0.1	0.3																										
4/21/2016 16:51	0.1	20.7	0.2	10.0	0.3	0.1	0.3																										
4/21/2016 16:52	0.1	20.7	0.2	10.5	0.3	0.1	0.3																										
4/21/2016 16:53	0.1	20.7	0.2	11.0	0.3	0.1	0.3																										
4/21/2016 16:54	0.1	20.7	0.2	10.5	0.3	0.1	0.3																										
4/21/2016 16:55	0.1	20.7	0.2	9.5	0.3	0.1	0.3																										
4/21/2016 16:56	0.1	20.7	0.4	13.0	0.3	0.1	0.3																										
4/21/2016 16:57	0.1	20.7	0.3	13.5	0.2	0.1	0.3																										
4/21/2016 16:58	0.1	20.7	0.2	11.0	0.2	0.1	0.3																										
4/21/2016 16:59	0.1	20.7	0.2	11.5	0.2	0.1	0.3																										
4/22/2016 6:15	0.0	20.7	0.0	7.5	0.0	0.5	0.0																										
4/22/2016 6:16	0.0	20.7	0.0	7.5	0.0	0.5	0.0																										
4/22/2016 6:17	0.0	20.7	0.0	7.5	0.0	0.4	0.0																										
4/22/2016 6:18	0.0	20.7	0.0	7.5	0.0	0.5	0.0																										
4/22/2016 6:19	0.0	20.7	0.0	7.0	0.0	0.4	0.0																										
4/22/2016 6:20	0.0	20.7	0.0	7.0	0.0	0.5	0.0																										
4/22/2016 6:21	0.0	20.7	0.0	7.5	0.0	0.5	0.0																										
4/22/2016 6:22	0.0	20.7	0.0	7.5	0.0	0.5	0.0																										
4/22/2016 6:23	0.0	20.7	0.0	7.5	0.0	0.5	0.0																										
4/22/2016 6:24	0.0	20.7	0.0	7.5	0.0	0.5	0.0																										
4/22/2016 6:25	0.0	20.7	0.0	7.5	0.0	0.5	0.0																										
4/22/2016 6:26	0.0	20.7	0.0	7.5	0.0	0.5	0.0																										
4/22/2016 6:27	0.0	20.7	0.0	7.5	0.0	0.5	0.0																										
4/22/2016 6:28	1.9	16.9	0.1	7.5	0.0	0.7	0.0																										
4/22/2016 6:29	10.2	11.1	0.0	7.5	0.0	0.2	0.0																										
4/22/2016 6:30	10.8	10.9	0.0	7.0	0.0	0.2	0.0																										
4/22/2016 6:31	10.9	10.9	0.0	7.0	0.0	0.2	0.0																										
4/22/2016 6:32	10.9	**10.9**	0.0	7.0	**0.0**	0.2	0.0	**10.98 O2, Zero SO2 Bias Check**																									
4/22/2016 6:33	9.4	7.7	12.1	32.0	0.1	0.5	0.0																										

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TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 6:34	2.9	0.3	26.0	178.0	0.3	0.6	0.0																										
4/22/2016 6:35	2.4	0.0	26.1	249.0	0.4	0.6	0.0																										
4/22/2016 6:36	2.4	0.0	26.1	257.5	0.4	0.6	0.0																										
4/22/2016 6:37	**2.4**	**0.0**	**26.1**	**258.0**	0.4	0.6	0.0	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/22/2016 6:38	2.0	5.6	14.8	233.5	0.7	0.1	0.0																										
4/22/2016 6:39	0.2	20.0	0.2	77.5	7.2	-0.2	0.0																										
4/22/2016 6:40	0.0	20.7	0.1	10.0	12.0	-0.3	0.0																										
4/22/2016 6:41	0.0	20.7	0.1	7.0	13.8	-0.3	0.0																										
4/22/2016 6:42	**0.0**	20.7	**0.1**	**7.0**	**14.7**	**-0.2**	0.0	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																									
4/22/2016 6:43	0.0	16.5	0.1	7.0	14.5	7.1	0.0																										
4/22/2016 6:44	0.0	0.8	0.0	7.0	6.1	14.3	0.0																										
4/22/2016 6:45	0.0	0.1	0.0	7.0	2.4	14.3	0.0																										
4/22/2016 6:46	0.0	0.0	0.0	7.0	1.4	14.3	0.0																										
4/22/2016 6:47	0.0	0.0	0.0	7.0	0.9	**14.3**	0.0	**14.4 C3H8 Bias Check**																									
4/22/2016 6:48	0.0	4.4	0.1	7.0	0.7	5.5	0.0																										
4/22/2016 6:49	0.0	19.6	0.0	7.5	0.6	0.9	0.0																										
4/22/2016 6:50	0.0	20.6	0.0	8.0	0.5	0.6	0.0																										
4/22/2016 6:51	0.0	20.7	0.0	7.5	0.4	0.6	0.0																										
4/22/2016 6:52	0.0	20.7	0.0	7.5	0.3	0.6	0.0																										
4/22/2016 6:53	0.0	20.7	0.0	7.5	0.3	0.6	0.0																										
4/22/2016 6:54	0.0	20.7	0.0	7.5	0.2	1.0	0.0																										
4/22/2016 6:55	0.0	20.7	0.0	8.0	0.2	0.6	0.0																										
4/22/2016 6:56	0.0	20.7	0.0	7.5	0.2	0.6	0.0																										
4/22/2016 6:57	0.0	20.7	0.0	7.5	0.2	0.6	0.0																										
4/22/2016 6:58	0.0	20.7	0.0	7.0	0.1	0.6	0.0																										
4/22/2016 6:59	0.0	15.6	0.0	7.0	0.1	1.4	1.9																										
4/22/2016 7:00	0.0	0.6	0.0	7.0	0.1	0.7	8.8																										
4/22/2016 7:01	0.0	0.0	0.0	7.0	0.1	0.7	9.3																										
4/22/2016 7:02	0.0	0.0	0.0	6.5	0.1	0.7	**9.4**	**9.98 H2S Bias Check**																									
4/22/2016 7:03	0.0	11.4	0.0	7.0	0.1	0.8	4.3																										
4/22/2016 7:04	0.1	20.5	0.1	8.5	0.1	1.7	0.6																										
4/22/2016 7:05	0.1	20.7	0.1	8.5	0.1	0.7	0.4																										
4/22/2016 7:06	0.1	20.6	0.1	7.5	0.1	0.6	0.5																										
4/22/2016 7:07	0.1	20.7	0.1	7.0	0.1	0.6	0.0																										
4/22/2016 7:08	0.1	20.7	0.0	7.0	0.1	0.5	0.0																										
4/22/2016 7:09	0.1	20.7	0.0	7.0	0.1	0.5	0.0																										
4/22/2016 7:10	0.1	20.7	0.0	7.0	0.1	0.5	0.0																										
4/22/2016 7:11	0.2	20.7	0.0	7.0	0.1	0.5	0.0																										
4/22/2016 7:12	0.2	20.7	0.0	7.0	0.1	0.5	0.0																										
4/22/2016 7:13	0.2	20.7	0.1	7.0	0.1	0.5	0.0																										
4/22/2016 7:14	0.2	20.7	0.0	7.0	0.1	0.5	0.0																										
4/22/2016 7:15	0.2	20.7	0.0	7.0	0.1	0.5	0.0																										
4/22/2016 7:16	0.2	20.7	0.0	7.0	0.1	0.5	0.4																										
4/22/2016 7:17	0.2	20.6	0.0	7.0	0.1	0.5	0.0																										
4/22/2016 7:18	0.2	20.7	0.0	7.0	0.1	0.5	0.0																										
4/22/2016 7:19	0.2	20.7	0.1	7.0	0.1	0.5	0.0																										
4/22/2016 7:20	0.2	20.7	0.1	7.0	0.1	0.5	0.5																										
4/22/2016 7:21	0.2	20.7	0.1	7.0	0.1	0.5	0.3																										
4/22/2016 7:22	0.2	20.7	0.1	7.0	0.1	0.5	0.0																										
4/22/2016 7:23	0.2	20.7	0.1	7.0	0.1	0.5	0.0																										
4/22/2016 7:24	0.2	20.7	0.1	7.0	0.0	0.5	0.0																										
4/22/2016 7:25	0.2	20.7	0.0	7.0	0.0	0.5	0.0																										
4/22/2016 7:26	0.2	20.7	0.0	7.0	0.0	0.5	0.0																										
4/22/2016 7:27	0.2	20.7	0.0	7.0	0.0	0.5	0.0																										
4/22/2016 7:28	0.2	20.7	0.0	7.0	0.0	0.5	0.0																										
4/22/2016 7:29	0.2	20.7	0.0	7.0	0.0	0.5	0.0																										
4/22/2016 7:30	0.2	20.7	0.1	6.5	0.0	0.4	0.0																										
4/22/2016 7:31	0.2	20.7	0.0	7.0	0.0	0.4	0.0																										
4/22/2016 7:32	0.2	20.7	0.1	7.0	0.0	0.4	0.0																										

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TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 7:33	0.2	20.7	0.1	7.0	0.0	0.4	0.0																										
4/22/2016 7:34	0.2	20.7	0.1	7.0	0.0	0.4	0.0																										
4/22/2016 7:35	0.2	20.7	0.1	6.5	0.0	0.4	0.0																										
4/22/2016 7:36	0.1	20.7	0.0	7.0	0.0	0.4	0.0																										
4/22/2016 7:37	0.2	20.7	0.0	6.5	0.0	0.5	0.0																										
4/22/2016 7:38	0.2	20.7	0.0	6.5	0.1	0.5	0.0																										
4/22/2016 7:39	0.2	20.7	0.1	7.0	0.1	0.9	0.0																										
4/22/2016 7:40	0.2	20.7	0.0	7.5	0.1	0.6	0.0																										
4/22/2016 7:41	0.2	20.7	0.0	7.0	0.1	0.5	0.0																										
4/22/2016 7:42	0.2	20.7	0.0	7.0	0.1	0.4	0.0																										
4/22/2016 7:43	0.2	20.7	0.0	7.0	0.1	0.4	0.0																										
4/22/2016 7:44	0.2	20.7	0.0	7.0	0.1	0.5	0.0																										
4/22/2016 7:45	0.2	20.7	0.0	7.0	0.1	0.4	0.0																										
4/22/2016 7:46	0.2	20.7	0.0	7.0	0.1	0.8	0.0																										
4/22/2016 7:47	0.2	20.7	0.0	7.0	0.1	0.4	0.0																										
4/22/2016 7:48	0.2	20.7	0.0	7.0	0.0	0.5	0.0																										
4/22/2016 7:49	0.2	20.7	0.0	7.0	0.0	0.5	0.0																										
4/22/2016 7:50	0.2	20.7	0.0	7.0	0.0	0.9	0.0																										
4/22/2016 7:51	0.2	20.7	0.0	7.0	0.0	0.9	0.0																										
4/22/2016 7:52	0.2	20.7	0.1	7.0	0.0	0.8	0.4																										
4/22/2016 7:53	0.2	20.7	0.1	7.0	0.0	0.6	0.0																										
4/22/2016 7:54	0.2	20.7	0.0	7.0	0.0	0.5	0.0																										
4/22/2016 7:55	0.1	20.7	0.0	7.0	0.1	0.4	0.0																										
4/22/2016 7:56	0.1	20.7	0.0	7.0	0.0	0.4	0.0																										
4/22/2016 7:57	0.1	20.7	0.0	7.0	0.0	0.4	0.0																										
4/22/2016 7:58	0.1	20.7	0.0	7.0	0.1	0.4	0.0																										
4/22/2016 7:59	0.1	20.7	0.0	7.0	0.1	0.4	0.0																										
4/22/2016 8:00	0.1	20.7	0.0	6.5	0.1	0.4	0.0																										
4/22/2016 8:01	0.1	20.7	0.1	6.5	0.0	0.4	0.0																										
4/22/2016 8:02	0.1	20.7	0.2	6.5	0.1	0.4	0.0																										
4/22/2016 8:03	0.1	20.7	0.1	7.0	0.0	0.4	0.0																										
4/22/2016 8:04	0.1	20.7	0.3	7.0	0.0	0.4	0.0																										
4/22/2016 8:05	0.1	20.7	0.2	7.0	0.0	0.4	0.0																										
4/22/2016 8:06	0.1	20.7	0.1	7.0	0.0	0.4	0.0																										
4/22/2016 8:07	0.1	20.7	0.1	7.0	0.0	0.4	0.0																										
4/22/2016 8:08	0.1	20.7	0.1	7.0	0.0	0.4	0.0																										
4/22/2016 8:09	0.1	20.7	0.1	7.0	0.0	0.4	0.0																										
4/22/2016 8:10	0.1	20.7	0.1	7.0	0.0	0.5	0.0																										
4/22/2016 8:11	0.1	20.7	0.0	7.0	0.0	0.5	0.0																										
4/22/2016 8:12	0.1	20.7	0.1	7.0	0.0	0.4	0.0																										
4/22/2016 8:13	0.1	20.7	0.1	7.0	0.0	0.4	0.0																										
4/22/2016 8:14	0.1	20.7	0.1	7.0	0.0	0.5	0.0																										
4/22/2016 8:15	0.1	20.7	0.1	7.0	0.0	0.8	0.0																										
4/22/2016 8:16	0.1	20.7	0.1	7.0	0.0	0.4	0.0																										
4/22/2016 8:17	0.1	20.7	0.1	7.0	0.1	0.4	0.0																										
4/22/2016 8:18	0.1	20.7	0.1	7.0	0.0	0.4	0.0																										
4/22/2016 8:19	0.1	20.7	0.1	7.0	0.0	0.5	0.0																										
4/22/2016 8:20	0.1	20.7	0.1	7.0	0.0	0.5	0.0																										
4/22/2016 8:21	0.1	20.7	0.1	7.0	0.0	0.5	0.0																										
4/22/2016 8:22	0.1	20.7	0.1	7.0	0.0	0.5	0.0																										
4/22/2016 8:23	0.1	20.7	0.1	7.0	0.0	0.5	0.0																										
4/22/2016 8:24	0.1	20.6	0.6	14.5	0.1	7.3	0.0																										
4/22/2016 8:25	0.1	20.6	0.6	32.0	0.0	5.1	0.0																										
4/22/2016 8:26	0.1	20.6	0.8	31.5	0.0	6.1	0.0																										
4/22/2016 8:27	0.1	20.6	0.6	36.0	0.1	3.0	0.0																										
4/22/2016 8:28	0.1	20.6	0.9	33.5	0.1	8.5	0.0																										
4/22/2016 8:29	0.1	20.6	1.1	50.5	0.0	13.8	0.0																										
4/22/2016 8:30	0.1	20.6	0.8	46.0	0.1	11.8	0.0																										
4/22/2016 8:31	0.1	20.6	0.9	38.0	0.1	14.7	0.0																										

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																		Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 8:32	0.1	20.6	1.0	47.0	0.1	15.8	0.0																										
4/22/2016 8:33	0.1	20.6	1.0	52.0	0.1	16.3	0.0																										
4/22/2016 8:34	0.1	20.6	1.1	49.5	0.1	19.2	0.0																										
4/22/2016 8:35	0.1	20.6	1.0	47.5	0.1	13.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.7	40.8	0.0	13.3	0.0
4/22/2016 8:36	0.1	20.6	0.8	36.0	0.1	11.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.5	29.1	0.0	11.9	0.0
4/22/2016 8:37	0.1	20.6	0.9	36.0	0.1	16.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.6	29.1	0.0	16.2	0.0
4/22/2016 8:38	0.1	20.6	0.8	45.0	0.1	14.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.5	38.3	0.0	14.3	0.0
4/22/2016 8:39	0.1	20.6	0.8	50.5	0.1	12.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.5	43.9	0.0	12.4	0.0
4/22/2016 8:40	0.1	20.6	0.9	50.5	0.1	13.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.6	43.9	0.0	14.0	0.0
4/22/2016 8:41	0.1	20.6	1.2	62.5	0.1	13.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.8	56.1	0.0	13.3	0.0
4/22/2016 8:42	0.2	20.5	1.4	69.5	0.1	14.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.1	63.3	0.0	14.9	0.0
4/22/2016 8:43	0.2	20.5	1.8	84.5	0.1	15.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.7	1.4	78.6	0.0	16.0	0.0
4/22/2016 8:44	0.3	20.3	2.4	99.5	0.1	15.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	2.1	93.9	0.0	16.0	0.1
4/22/2016 8:45	0.4	20.2	3.1	120.0	0.1	21.3	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	2.7	114.8	0.0	21.6	0.3
4/22/2016 8:46	0.5	20.1	4.1	161.0	0.1	33.2	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.3	3.7	156.6	0.1	33.8	0.3
4/22/2016 8:47	0.8	19.7	6.8	253.0	0.5	35.8	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.8	20.0	6.3	250.5	0.4	36.5	0.3
4/22/2016 8:48	0.7	20.0	6.3	265.5	1.1	24.7	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.7	20.2	5.8	263.3	1.0	25.1	0.3
4/22/2016 8:49	0.6	20.1	6.5	199.0	1.4	30.6	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.3	6.0	195.4	1.3	31.2	0.3
4/22/2016 8:50	0.4	20.3	4.8	177.0	1.4	15.6	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	4.3	173.0	1.3	15.8	0.3
4/22/2016 8:51	0.2	20.5	3.5	102.0	0.9	23.3	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.7	3.1	96.4	0.9	23.7	0.3
4/22/2016 8:52	0.1	20.6	2.6	78.5	0.6	22.3	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	2.3	72.5	0.6	22.6	0.3
4/22/2016 8:53	0.1	20.6	2.4	62.5	0.4	20.8	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	2.0	56.1	0.4	21.1	0.3
4/22/2016 8:54	0.1	20.6	2.1	53.5	0.3	21.3	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.7	46.9	0.2	21.6	0.2
4/22/2016 8:55	0.1	20.6	2.3	73.0	0.3	22.3	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.9	66.8	0.2	22.7	0.2
4/22/2016 8:56	0.1	20.6	2.2	78.5	0.3	23.2	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.8	72.5	0.2	23.6	0.2
4/22/2016 8:57	0.1	20.6	1.9	80.0	0.3	20.0	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.6	74.0	0.2	20.3	0.3
4/22/2016 8:58	0.1	20.6	2.1	80.0	0.2	33.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.8	74.0	0.1	34.5	0.2
4/22/2016 8:59	0.1	20.6	2.0	110.0	0.2	22.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.6	104.6	0.1	23.3	0.2
4/22/2016 9:00	0.1	20.6	1.5	74.5	0.2	19.0	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.2	68.4	0.1	19.3	0.1
4/22/2016 9:01	0.1	20.6	1.6	56.5	0.2	22.1	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.2	50.0	0.1	22.4	0.2
4/22/2016 9:02	0.1	20.6	1.7	73.0	0.1	23.6	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.3	66.8	0.1	24.0	0.2
4/22/2016 9:03	0.1	20.6	1.2	64.0	0.1	15.9	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.9	57.7	0.1	16.1	0.1
4/22/2016 9:04	0.1	20.6	1.3	48.5	0.1	17.7	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.9	41.8	0.1	18.0	0.1
4/22/2016 9:05	0.1	20.6	1.3	51.5	0.1	20.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.9	44.9	0.1	21.0	0.1
4/22/2016 9:06	0.2	20.5	2.3	95.5	0.1	45.8	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	2.0	89.8	0.1	46.7	0.3
4/22/2016 9:07	0.2	20.5	3.0	163.5	0.1	40.9	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.7	2.6	159.2	0.1	41.8	0.3
4/22/2016 9:08	0.1	20.6	1.8	133.0	0.1	32.6	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.4	128.1	0.1	33.2	0.2
4/22/2016 9:09	0.1	20.6	1.9	107.5	0.1	35.0	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.5	102.0	0.1	35.7	0.2
4/22/2016 9:10	0.1	20.6	1.7	99.5	0.1	28.8	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.3	93.9	0.0	29.3	0.2
4/22/2016 9:11	0.1	20.6	1.4	73.5	0.1	26.8	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.1	67.4	0.0	27.3	0.2
4/22/2016 9:12	0.1	20.6	1.5	68.5	0.1	31.3	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.1	62.3	0.0	31.9	0.2
4/22/2016 9:13	0.1	20.6	1.6	81.0	0.1	35.2	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.2	75.0	0.0	35.9	0.2
4/22/2016 9:14	0.1	20.6	1.5	92.0	0.1	33.3	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.2	86.2	0.0	34.0	0.2
4/22/2016 9:15	0.1	20.6	1.4	84.5	0.1	28.7	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.0	78.6	0.0	29.2	0.2
4/22/2016 9:16	0.1	20.6	1.3	66.5	0.1	29.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.9	60.2	0.0	29.9	0.1
4/22/2016 9:17	0.1	20.6	1.4	77.5	0.1	35.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.1	71.4	0.0	36.6	0.2
4/22/2016 9:18	0.1	20.6	1.5	95.5	0.1	36.8	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.2	89.8	0.0	37.5	0.2
4/22/2016 9:19	0.1	20.6	1.3	88.0	0.1	29.5	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.0	82.2	0.0	30.0	0.1
4/22/2016 9:20	0.1	20.6	1.3	74.0	0.1	30.3	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.9	67.9	0.0	30.9	0.2
4/22/2016 9:21	0.1	20.6	1.3	78.0	0.1	33.2	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.0	71.9	0.0	33.8	0.2
4/22/2016 9:22	0.1	20.6	1.3	83.5	0.1	28.4	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.9	77.6	0.0	28.9	0.2
4/22/2016 9:23	0.1	20.6	1.4	78.0	0.1	37.2	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.0	71.9	0.0	37.9	0.2
4/22/2016 9:24	0.1	20.6	1.4	93.5	0.1	33.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.1	87.8	0.0	34.5	0.2
4/22/2016 9:25	0.1	20.6	1.4	91.0	0.1	33.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.1	85.2	0.0	34.6	0.2
4/22/2016 9:26	0.1	20.6	1.4	89.0	0.1	33.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.1	83.2	0.0	34.5	0.2
4/22/2016 9:27	0.1	20.6	1.4	88.0	0.1	32.0	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.0	82.2	0.0	32.6	0.3
4/22/2016 9:28	0.1	20.6	1.4	88.5	0.1	34.9	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.0	82.7	0.0	35.6	0.3
4/22/2016 9:29	0.1	20.6	1.5	95.0	0.1	35.7	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.1	89.3	0.0	36.4	0.3

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 9:30	0.1	20.6	1.4	93.5	0.1	30.5	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.1	87.8	0.0	31.1	0.2
4/22/2016 9:31	0.1	20.6	1.2	77.0	0.1	26.6	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.8	70.9	0.0	27.0	0.2
4/22/2016 9:32	0.1	20.6	1.2	69.0	0.1	29.0	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.9	62.8	0.0	29.5	0.3
4/22/2016 9:33	0.1	20.6	1.3	73.5	0.1	26.8	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.9	67.4	0.0	27.3	0.3
4/22/2016 9:34	0.1	20.6	1.2	68.5	0.1	23.6	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.8	62.3	0.0	24.0	0.3
4/22/2016 9:35	0.1	20.6	1.1	65.0	0.1	23.6	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.8	58.7	0.0	24.0	0.3
4/22/2016 9:36	0.1	20.6	1.2	68.5	0.1	27.1	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.8	62.3	0.0	27.6	0.3
4/22/2016 9:37	0.1	20.5	1.2	77.0	0.1	26.2	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.8	70.9	0.0	26.7	0.3
4/22/2016 9:38	0.1	20.6	1.2	73.5	0.1	24.6	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.8	67.4	0.0	25.0	0.2
4/22/2016 9:39	0.1	20.5	1.2	70.5	0.1	25.2	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.9	64.3	0.0	25.7	0.3
4/22/2016 9:40	0.1	20.5	1.2	76.5	0.1	26.4	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.9	70.4	0.0	26.8	0.3
4/22/2016 9:41	0.1	20.5	1.3	83.0	0.1	26.4	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.9	77.0	0.0	26.8	0.3
4/22/2016 9:42	0.1	20.5	1.3	82.5	0.1	22.8	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.9	76.5	0.0	23.2	0.3
4/22/2016 9:43	0.1	20.6	0.6	49.5	0.1	5.3	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.8	0.3	42.9	0.0	5.3	0.1
4/22/2016 9:44	0.1	20.6	0.8	26.0	0.1	24.6	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.9	0.5	18.9	0.0	25.0	0.1
4/22/2016 9:45	0.1	20.6	1.1	55.5	0.1	28.5	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.9	0.8	49.0	0.0	29.0	0.2
4/22/2016 9:46	0.1	20.6	1.1	65.5	0.1	26.3	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.9	0.8	59.2	0.0	26.8	0.2
4/22/2016 9:47	0.1	20.6	1.1	62.5	0.1	27.5	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.9	0.8	56.1	0.0	28.0	0.1
4/22/2016 9:48	0.1	20.6	1.2	61.0	0.1	27.4	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.9	0.9	54.6	0.0	27.9	0.2
4/22/2016 9:49	0.1	20.6	1.2	61.5	0.1	25.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.9	0.9	55.1	0.0	26.3	0.2
4/22/2016 9:50	0.1	20.6	1.1	57.5	0.1	21.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.9	0.8	51.0	0.0	21.3	0.1
4/22/2016 9:51	0.1	20.6	1.1	52.5	0.1	23.0	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.9	0.8	45.9	0.0	23.4	0.2
4/22/2016 9:52	0.1	20.6	0.6	41.5	0.1	10.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.9	0.3	34.7	0.0	10.4	0.0
4/22/2016 9:53	0.1	20.6	0.8	31.0	0.1	17.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.9	0.5	24.0	0.0	17.8	0.1
4/22/2016 9:54	0.1	20.6	1.0	47.5	0.1	24.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.0	20.9	0.7	40.8	0.0	25.3	0.1
4/22/2016 9:55	0.1	20.6	1.0	61.5	0.1	23.1	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.7	55.1	0.0	23.5	0.1
4/22/2016 9:56	0.1	20.6	1.0	58.0	0.1	22.8	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.7	51.5	0.0	23.1	0.1
4/22/2016 9:57	0.1	20.6	1.0	56.5	0.1	22.0	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.7	50.0	0.0	22.4	0.1
4/22/2016 9:58	0.1	20.6	0.9	54.0	0.1	22.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.6	47.5	0.0	23.3	0.2
4/22/2016 9:59	0.1	20.6	0.9	52.5	0.1	16.1	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.6	45.9	0.0	16.3	0.2
4/22/2016 10:00	0.1	20.6	0.9	45.0	0.1	23.1	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.6	38.3	0.0	23.5	0.1
4/22/2016 10:01	0.1	20.6	1.1	64.5	0.1	24.1	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.8	58.2	0.0	24.5	0.2
4/22/2016 10:02	0.1	20.6	1.1	68.5	0.1	25.1	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.8	62.3	0.0	25.5	0.2
4/22/2016 10:03	0.1	20.6	1.0	66.0	0.1	19.4	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.7	59.7	0.0	19.7	0.2
4/22/2016 10:04	0.1	20.6	0.9	52.0	0.1	16.3	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.6	45.4	0.0	16.5	0.1
4/22/2016 10:05	0.2	20.5	1.0	50.5	0.1	19.6	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.7	43.9	0.0	19.9	0.2
4/22/2016 10:06	0.2	20.5	1.1	66.0	0.1	20.5	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.8	59.7	0.0	20.8	0.2
4/22/2016 10:07	0.1	20.6	0.8	59.5	0.1	12.3	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	0.5	53.1	0.0	12.4	0.1
4/22/2016 10:08	0.1	20.6	0.3	24.0	0.1	3.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.0	16.8	0.0	3.1	0.0
4/22/2016 10:09	0.1	20.6	0.6	17.5	0.1	17.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.3	10.2	0.0	17.8	0.0
4/22/2016 10:10	0.1	20.6	0.8	43.0	0.1	20.7	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.5	36.2	0.0	21.0	0.1
4/22/2016 10:11	0.2	20.6	1.0	56.5	0.1	29.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.7	50.0	0.0	29.6	0.1
4/22/2016 10:12	0.2	20.6	1.2	79.5	0.1	26.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.8	73.5	0.0	26.6	0.1
4/22/2016 10:13	0.2	20.6	1.1	75.5	0.1	26.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.8	69.4	0.0	26.9	0.0
4/22/2016 10:14	0.1	20.6	1.0	69.0	0.1	22.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.7	62.8	0.0	22.8	0.1
4/22/2016 10:15	0.2	20.6	1.1	67.0	0.1	30.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.8	60.7	0.0	30.6	0.0
4/22/2016 10:16	0.2	20.6	1.8	91.0	0.1	26.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.4	85.2	0.0	26.9	0.1
4/22/2016 10:17	0.2	20.6	1.8	96.0	0.1	29.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.5	90.3	0.0	30.0	0.1
4/22/2016 10:18	0.2	20.6	1.1	83.5	0.1	18.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.8	77.6	0.0	18.5	0.1
4/22/2016 10:19	0.1	20.7	1.0	54.5	0.1	21.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.7	48.0	0.0	22.1	0.0
4/22/2016 10:20	0.1	20.6	1.1	63.0	0.1	30.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.8	56.6	0.0	30.5	0.0
4/22/2016 10:21	0.2	20.6	1.8	90.5	0.1	30.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	1.4	84.7	0.0	30.8	0.1
4/22/2016 10:22	0.1	20.6	1.1	82.0	0.1	18.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.8	76.0	0.0	18.6	0.0
4/22/2016 10:23	0.1	20.7	0.9	54.0	0.1	20.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.6	47.5	0.0	20.6	0.0
4/22/2016 10:24	0.1	20.6	1.1	56.0	0.1	21.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.8	49.5	0.0	22.1	0.0
4/22/2016 10:25	0.1	20.7	0.9	55.0	0.1	21.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.6	48.5	0.0	21.9	0.0
4/22/2016 10:26	0.1	20.6	1.1	60.5	0.1	29.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.8	54.1	0.0	29.8	0.0
4/22/2016 10:27	0.1	20.6	1.2	74.0	0.1	20.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.8	67.9	0.0	20.8	0.1
4/22/2016 10:28	0.1	20.7	0.8	53.0	0.1	15.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.5	46.4	0.0	15.5	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 10:29	0.1	20.7	0.7	36.0	0.1	12.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.4	29.1	0.0	12.8	0.0
4/22/2016 10:30	0.1	20.7	0.7	32.0	0.1	11.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.4	25.0	0.0	11.3	0.0
4/22/2016 10:31	0.1	20.7	0.6	31.5	0.1	11.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.3	24.5	0.0	11.1	0.0
4/22/2016 10:32	0.1	20.7	0.7	33.0	0.1	10.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.4	26.0	0.0	10.1	0.0
4/22/2016 10:33	0.1	20.6	0.9	38.5	0.1	8.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.6	31.6	0.0	8.1	0.0
4/22/2016 10:34	0.1	20.7	0.6	27.5	0.1	8.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.3	20.4	0.0	8.4	0.0
4/22/2016 10:35	0.1	20.7	0.7	21.5	0.1	6.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.4	14.3	0.0	6.5	0.0
4/22/2016 10:36	0.1	20.6	1.2	23.5	0.1	5.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.8	16.3	0.0	5.9	0.0
4/22/2016 10:37	0.2	20.6	1.6	31.5	0.1	8.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	1.2	24.5	0.0	8.7	0.0
4/22/2016 10:38	0.3	20.4	2.5	59.5	0.1	13.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.7	2.2	53.1	0.0	13.9	0.0
4/22/2016 10:39	0.3	20.4	3.3	95.5	0.1	17.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	2.9	89.8	0.0	17.8	0.0
4/22/2016 10:40	0.3	20.4	3.4	100.5	0.1	15.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	3.0	94.9	0.0	15.6	0.0
4/22/2016 10:41	0.3	20.5	3.4	86.0	0.1	17.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.7	3.0	80.1	0.0	17.8	0.0
4/22/2016 10:42	0.3	20.4	3.9	95.5	0.1	21.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	3.5	89.8	0.1	22.0	0.0
4/22/2016 10:43	0.4	20.3	4.6	116.0	0.1	23.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	4.1	110.7	0.1	23.9	0.0
4/22/2016 10:44	0.5	20.2	5.9	129.0	0.3	24.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.4	5.4	124.0	0.2	24.6	0.1
4/22/2016 10:45	0.6	20.0	9.0	149.5	0.5	26.1	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.2	8.4	144.9	0.4	26.6	0.3
4/22/2016 10:46	0.4	20.4	4.8	147.5	0.7	26.3	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	4.4	142.9	0.6	26.8	0.4
4/22/2016 10:47	0.3	20.3	5.0	131.0	0.6	26.7	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	4.5	126.0	0.5	27.1	0.3
4/22/2016 10:48	0.4	20.3	5.8	139.5	0.6	29.8	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.5	5.3	134.7	0.5	30.4	0.3
4/22/2016 10:49	0.4	20.3	6.3	161.0	0.6	33.2	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	5.8	156.6	0.5	33.9	0.3
4/22/2016 10:50	0.4	20.3	6.1	167.5	0.5	37.1	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	5.7	163.3	0.5	37.9	0.3
4/22/2016 10:51	0.4	20.2	7.9	189.0	0.6	48.1	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.4	7.3	185.2	0.5	49.1	0.4
4/22/2016 10:52	0.5	20.3	6.8	216.5	0.7	35.7	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	6.3	213.3	0.6	36.4	0.4
4/22/2016 10:53	0.3	20.3	7.0	184.0	0.6	52.6	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	6.5	180.1	0.5	53.7	0.3
4/22/2016 10:54	0.4	20.3	6.3	205.0	0.6	45.0	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.8	201.5	0.5	46.0	0.4
4/22/2016 10:55	0.4	20.3	7.4	213.5	0.6	60.1	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.5	6.9	210.2	0.5	61.4	0.4
4/22/2016 10:56	0.4	20.3	6.4	235.0	0.5	57.3	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	5.9	232.2	0.5	58.6	0.4
4/22/2016 10:57	0.3	20.4	5.4	203.0	0.5	41.1	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.7	4.9	199.5	0.4	41.9	0.4
4/22/2016 10:58	0.2	20.5	4.4	148.0	0.4	41.0	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.7	4.0	143.4	0.3	41.9	0.2
4/22/2016 10:59	0.2	20.5	4.4	130.0	0.4	36.3	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	4.0	125.0	0.3	37.0	0.1
4/22/2016 11:00	0.2	20.5	4.0	121.0	0.3	34.7	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.6	115.8	0.3	35.4	0.1
4/22/2016 11:01	0.1	20.6	2.7	102.0	0.3	33.2	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	2.4	96.4	0.2	33.9	0.1
4/22/2016 11:02	0.3	20.4	4.5	89.0	0.7	20.7	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	4.1	83.2	0.6	21.0	0.1
4/22/2016 11:03	0.4	20.3	4.7	92.0	1.2	28.9	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	4.2	86.2	1.2	29.4	0.1
4/22/2016 11:04	0.3	20.4	4.2	112.5	1.2	33.3	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	3.8	107.2	1.1	33.9	0.1
4/22/2016 11:05	0.4	20.2	5.9	150.0	1.3	30.8	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	5.5	145.4	1.3	31.4	0.1
4/22/2016 11:06	0.4	20.2	6.2	158.0	1.3	31.8	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	5.7	153.6	1.3	32.4	0.1
4/22/2016 11:07	0.5	20.1	8.7	185.5	1.3	52.7	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.3	8.1	181.6	1.2	53.8	0.1
4/22/2016 11:08	0.8	19.8	11.6	300.5	1.9	70.8	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.8	20.0	11.0	299.0	1.9	72.4	0.1
4/22/2016 11:09	0.7	20.0	11.0	378.0	2.0	79.5	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.7	20.2	10.4	378.1	1.9	81.3	0.1
4/22/2016 11:10	0.4	20.3	7.2	324.5	1.4	57.2	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	6.7	323.5	1.4	58.4	0.1
4/22/2016 11:11	0.3	20.4	6.9	237.0	1.0	68.6	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	6.4	234.2	1.0	70.1	0.1
4/22/2016 11:12	0.4	20.3	7.4	264.0	1.0	91.3	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.5	6.9	261.8	0.9	93.4	0.1
4/22/2016 11:13	0.4	20.3	8.1	334.5	1.1	93.8	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	7.5	333.7	1.0	96.0	0.1
4/22/2016 11:14	0.5	20.2	9.1	388.0	1.3	98.5	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.4	8.5	388.3	1.2	100.8	0.1
4/22/2016 11:15	0.5	20.2	9.4	394.0	1.3	101.1	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.4	8.8	394.4	1.2	103.4	0.1
4/22/2016 11:16	0.5	20.2	9.4	394.0	1.3	88.6	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.5	8.8	394.4	1.2	90.6	0.1
4/22/2016 11:17	0.3	20.4	7.1	294.0	1.0	86.9	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	6.6	292.4	0.9	88.9	0.1
4/22/2016 11:18	0.4	20.3	8.2	314.5	1.0	101.8	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	7.6	313.3	1.0	104.2	0.1
4/22/2016 11:19	0.4	20.3	8.2	338.0	1.0	102.4	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	7.6	337.3	0.9	104.8	0.1
4/22/2016 11:20	0.4	20.4	7.1	324.5	0.9	74.4	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.6	323.5	0.8	76.1	0.1
4/22/2016 11:21	0.3	20.5	5.5	204.0	0.6	52.5	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	5.0	200.5	0.6	53.6	0.1
4/22/2016 11:22	0.3	20.5	5.2	139.5	0.6	49.2	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	4.8	134.7	0.5	50.3	0.2
4/22/2016 11:23	0.3	20.5	5.1	140.5	0.5	55.7	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.7	4.6	135.7	0.5	56.9	0.2
4/22/2016 11:24	0.3	20.5	4.9	159.0	0.5	54.3	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.7	4.4	154.6	0.5	55.5	0.2
4/22/2016 11:25	0.3	20.5	4.6	156.5	0.5	58.5	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	4.1	152.1	0.4	59.8	0.2
4/22/2016 11:26	0.3	20.5	4.3	156.5	0.5	56.6	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	3.9	152.1	0.4	57.9	0.2
4/22/2016 11:27	0.3	20.5	4.3	157.0	0.4	59.6	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	3.9	152.6	0.4	60.9	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 11:28	0.3	20.5	4.3	165.0	0.5	61.7	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	3.9	160.7	0.4	63.1	0.2
4/22/2016 11:29	0.3	20.5	4.3	164.0	0.4	62.6	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	3.9	159.7	0.4	64.0	0.2
4/22/2016 11:30	0.3	20.5	4.1	161.5	0.4	57.0	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.7	157.2	0.4	58.3	0.3
4/22/2016 11:31	0.2	20.5	3.8	149.0	0.4	55.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.4	144.4	0.3	57.1	0.2
4/22/2016 11:32	0.2	20.6	3.5	143.5	0.4	58.0	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.1	138.8	0.3	59.3	0.2
4/22/2016 11:33	0.2	20.5	4.0	150.5	0.4	60.7	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.6	145.9	0.3	62.1	0.3
4/22/2016 11:34	0.2	20.5	3.9	155.5	0.4	56.2	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.5	151.0	0.3	57.4	0.2
4/22/2016 11:35	0.2	20.5	3.9	149.0	0.4	61.3	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.5	144.4	0.3	62.6	0.1
4/22/2016 11:36	0.2	20.5	4.3	167.5	0.4	61.4	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.7	3.9	163.3	0.4	62.8	0.2
4/22/2016 11:37	0.2	20.5	3.4	147.5	0.4	46.5	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.0	142.9	0.3	47.5	0.1
4/22/2016 11:38	0.2	20.5	3.8	122.5	0.4	49.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.4	117.4	0.3	50.2	0.1
4/22/2016 11:39	0.2	20.5	3.7	125.0	0.4	53.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	3.3	119.9	0.3	54.9	0.1
4/22/2016 11:40	0.2	20.5	3.9	141.0	0.4	51.3	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.7	3.5	136.2	0.3	52.4	0.1
4/22/2016 11:41	0.2	20.6	3.2	123.5	0.3	40.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	2.8	118.4	0.3	41.7	0.0
4/22/2016 11:42	0.1	20.6	3.0	100.5	0.3	45.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	2.6	94.9	0.2	46.4	0.0
4/22/2016 11:43	0.2	20.6	3.5	118.0	0.3	54.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	3.1	112.8	0.2	55.2	0.0
4/22/2016 11:44	0.2	20.5	3.6	136.5	0.3	49.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.2	131.6	0.3	50.4	0.0
4/22/2016 11:45	0.2	20.6	3.4	121.5	0.3	43.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	3.0	116.3	0.3	44.8	0.0
4/22/2016 11:46	0.2	20.5	3.8	117.5	0.3	55.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.4	112.3	0.2	56.5	0.0
4/22/2016 11:47	0.2	20.6	3.3	125.0	0.3	38.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	2.9	119.9	0.2	39.6	0.0
4/22/2016 11:48	0.2	20.6	3.0	94.0	0.3	33.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	2.6	88.3	0.2	34.5	0.0
4/22/2016 11:49	0.2	20.6	3.1	86.5	0.3	34.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.8	2.7	80.6	0.2	34.9	0.0
4/22/2016 11:50	0.2	20.6	3.6	92.0	0.3	34.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.2	86.2	0.3	34.9	0.0
4/22/2016 11:51	0.2	20.6	3.6	97.5	0.4	37.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.2	91.8	0.3	38.3	0.0
4/22/2016 11:52	0.2	20.6	3.4	100.5	0.4	39.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.0	94.9	0.3	40.2	0.0
4/22/2016 11:53	0.2	20.5	4.0	113.0	0.4	42.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.6	107.7	0.4	43.4	0.1
4/22/2016 11:54	0.2	20.6	3.4	113.0	0.4	42.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	3.0	107.7	0.3	43.2	0.0
4/22/2016 11:55	0.2	20.6	3.2	107.0	0.3	39.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	2.8	101.5	0.3	40.6	0.0
4/22/2016 11:56	0.2	20.6	2.6	95.5	0.3	21.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	2.3	89.8	0.2	22.0	0.0
4/22/2016 11:57	0.1	20.7	1.1	39.5	0.2	26.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.8	32.7	0.1	26.7	0.0
4/22/2016 11:58	0.1	20.7	0.8	12.0	0.1	14.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.5	4.6	0.1	14.6	0.0
4/22/2016 11:59	0.1	20.7	0.7	10.5	0.1	6.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.4	3.1	0.0	6.5	0.0
4/22/2016 12:00	0.1	20.7	0.6	9.5	0.1	5.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.3	2.0	0.0	5.8	0.0
4/22/2016 12:01	0.1	20.7	0.5	9.5	0.1	5.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.2	2.0	0.0	5.3	0.0
4/22/2016 12:02	0.1	20.7	0.5	10.0	0.1	5.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	21.0	0.2	2.6	0.0	5.0	0.0
4/22/2016 12:03	0.1	20.7	0.4	10.5	0.1	5.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	21.0	0.1	3.1	0.0	4.9	0.0
4/22/2016 12:04	0.1	20.7	0.5	11.5	0.1	12.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	0.2	4.1	0.0	12.7	0.0
4/22/2016 12:05	0.2	20.6	1.4	42.5	0.1	25.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.1	35.7	0.0	25.6	0.0
4/22/2016 12:06	0.2	20.6	1.9	74.0	0.1	30.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.5	67.9	0.1	30.8	0.0
4/22/2016 12:07	0.2	20.6	1.9	81.5	0.1	28.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.5	75.5	0.1	28.9	0.0
4/22/2016 12:08	0.2	20.6	2.0	77.5	0.1	31.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.6	71.4	0.1	32.5	0.0
4/22/2016 12:09	0.2	20.6	2.0	85.0	0.2	33.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.6	79.1	0.1	34.2	0.0
4/22/2016 12:10	0.2	20.6	2.1	87.0	0.2	31.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.7	81.1	0.1	32.5	0.0
4/22/2016 12:11	0.2	20.6	1.8	78.0	0.2	27.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.5	71.9	0.1	28.0	0.0
4/22/2016 12:12	0.2	20.6	1.8	69.0	0.2	29.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.4	62.8	0.1	29.8	0.0
4/22/2016 12:13	0.2	20.6	1.7	71.5	0.2	27.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.4	65.3	0.1	27.8	0.0
4/22/2016 12:14	0.2	20.6	1.8	68.5	0.1	31.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.4	62.3	0.1	32.2	0.0
4/22/2016 12:15	0.2	20.6	1.8	75.0	0.1	31.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.5	68.9	0.1	31.8	0.0
4/22/2016 12:16	0.2	20.6	1.8	75.5	0.1	31.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.5	69.4	0.1	32.4	0.0
4/22/2016 12:17	0.2	20.6	1.8	76.0	0.1	28.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.4	69.9	0.1	29.3	0.0
4/22/2016 12:18	0.1	20.6	1.6	67.5	0.1	26.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.2	61.2	0.1	27.2	0.0
4/22/2016 12:19	0.1	20.6	1.6	62.0	0.1	25.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.3	55.6	0.1	26.3	0.0
4/22/2016 12:20	0.1	20.6	1.6	65.0	0.1	28.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.3	58.7	0.1	29.3	0.0
4/22/2016 12:21	0.2	20.6	1.8	73.5	0.1	29.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.4	67.4	0.1	30.2	0.0
4/22/2016 12:22	0.1	20.6	1.5	63.5	0.1	23.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.2	57.1	0.1	23.7	0.0
4/22/2016 12:23	0.1	20.6	1.4	53.5	0.1	21.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.1	46.9	0.1	22.0	0.0
4/22/2016 12:24	0.2	20.6	1.5	55.0	0.1	26.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.2	48.5	0.1	27.0	0.0
4/22/2016 12:25	0.2	20.6	1.9	65.5	0.1	24.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.6	59.2	0.1	25.2	0.0
4/22/2016 12:26	0.2	20.6	1.4	56.0	0.1	22.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.1	49.5	0.1	23.2	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 12:27	0.2	20.6	1.8	61.5	0.1	24.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.4	55.1	0.1	24.8	0.0
4/22/2016 12:28	0.2	20.7	1.4	56.0	0.1	20.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.1	20.9	1.0	49.5	0.0	20.5	0.0
4/22/2016 12:29	0.2	20.6	1.4	51.0	0.1	23.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.0	44.4	0.0	23.7	0.0
4/22/2016 12:30	0.2	20.6	1.3	54.5	0.1	21.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.0	48.0	0.0	22.3	0.0
4/22/2016 12:31	0.2	20.7	1.2	51.0	0.1	18.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.9	44.4	0.0	18.9	0.0
4/22/2016 12:32	0.2	20.7	1.2	46.5	0.1	23.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.9	39.8	0.0	23.6	0.0
4/22/2016 12:33	0.2	20.6	1.4	53.0	0.1	22.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.0	46.4	0.0	22.6	0.0
4/22/2016 12:34	0.2	20.6	1.3	53.5	0.1	23.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.0	46.9	0.0	23.8	0.0
4/22/2016 12:35	0.2	20.6	1.4	55.0	0.1	26.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.0	48.5	0.0	26.6	0.0
4/22/2016 12:36	0.2	20.6	1.3	57.5	0.1	27.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.0	51.0	0.0	27.7	0.0
4/22/2016 12:37	0.2	20.6	1.5	65.0	0.1	29.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.1	58.7	0.0	29.8	0.0
4/22/2016 12:38	0.2	20.6	1.5	70.5	0.1	28.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.1	64.3	0.0	28.5	0.0
4/22/2016 12:39	0.2	20.6	1.4	67.5	0.1	29.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.1	61.2	0.0	30.3	0.0
4/22/2016 12:40	0.2	20.6	1.4	69.5	0.1	28.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.0	63.3	0.0	29.4	0.0
4/22/2016 12:41	0.2	20.6	1.3	64.0	0.1	23.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.9	57.7	0.0	24.3	0.0
4/22/2016 12:42	0.2	20.6	1.1	53.5	0.1	18.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.8	46.9	0.0	19.1	0.0
4/22/2016 12:43	0.2	20.7	1.0	41.5	0.1	18.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.7	34.7	0.0	18.6	0.0
4/22/2016 12:44	0.2	20.6	1.2	45.5	0.1	27.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.9	38.8	0.0	27.8	0.0
4/22/2016 12:45	0.2	20.6	1.3	62.5	0.1	24.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	1.0	56.1	0.0	25.3	0.0
4/22/2016 12:46	0.2	20.6	1.2	59.5	0.1	23.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.9	53.1	0.0	23.8	0.0
4/22/2016 12:47	0.2	20.7	1.1	50.0	0.1	18.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.8	43.4	0.0	18.8	0.0
4/22/2016 12:48	0.2	20.7	1.0	41.0	0.1	18.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.7	34.2	0.0	18.3	0.0
4/22/2016 12:49	0.2	20.7	1.0	40.0	0.1	17.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.7	33.2	0.0	17.7	0.0
4/22/2016 12:50	0.2	20.7	0.9	37.5	0.1	17.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.6	30.6	0.0	17.4	0.0
4/22/2016 12:51	0.2	20.7	1.0	38.5	0.1	20.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.7	31.6	0.0	20.4	0.0
4/22/2016 12:52	0.2	20.6	1.2	48.0	0.1	21.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.8	41.3	0.0	22.2	0.0
4/22/2016 12:53	0.2	20.7	0.8	43.0	0.1	15.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.5	36.2	0.0	15.8	0.0
4/22/2016 12:54	0.2	20.7	0.6	27.0	0.1	14.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.3	19.9	0.0	14.4	0.0
4/22/2016 12:55	0.2	20.7	0.7	28.0	0.1	20.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.4	20.9	0.0	20.4	0.0
4/22/2016 12:56	0.2	20.7	0.7	33.5	0.1	19.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.4	26.5	0.0	19.5	0.0
4/22/2016 12:57	0.2	20.7	0.7	32.0	0.1	17.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.4	25.0	0.0	17.3	0.0
4/22/2016 12:58	0.2	20.7	0.6	27.0	0.1	14.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.3	19.9	0.0	14.4	0.0
4/22/2016 12:59	0.2	20.7	0.6	24.0	0.1	13.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.3	16.8	0.0	13.8	0.0
4/22/2016 13:00	0.2	20.7	0.5	24.0	0.1	13.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.2	16.8	0.0	13.7	0.0
4/22/2016 13:01	0.2	20.7	0.7	26.0	0.1	14.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.4	18.9	0.0	14.9	0.0
4/22/2016 13:02	0.2	20.7	0.5	28.5	0.1	12.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.2	21.4	0.0	12.7	0.0
4/22/2016 13:03	0.2	20.7	0.5	25.5	0.1	11.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.2	18.4	0.0	11.3	0.0
4/22/2016 13:04	0.2	20.7	0.5	25.0	0.1	11.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.2	17.9	0.0	11.6	0.0
4/22/2016 13:05	0.2	20.7	0.5	30.0	0.1	12.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.2	23.0	0.0	12.7	0.0
4/22/2016 13:06	0.2	20.7	0.5	29.0	0.1	9.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.2	21.9	0.0	9.2	0.0
4/22/2016 13:07	0.2	20.7	0.7	20.0	0.1	9.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.4	12.8	0.0	9.4	0.0
4/22/2016 13:08	0.2	20.7	1.1	19.5	0.1	8.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.8	12.2	0.0	8.4	0.0
4/22/2016 13:09	0.2	20.7	1.1	18.5	0.1	7.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.8	11.2	0.0	7.0	0.0
4/22/2016 13:10	0.2	20.7	1.1	17.5	0.1	6.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.8	10.2	0.0	6.8	0.2
4/22/2016 13:11	0.3	20.6	2.0	22.5	0.1	7.5	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.8	1.6	15.3	0.0	7.5	0.2
4/22/2016 13:12	0.3	20.6	2.1	28.0	0.1	6.5	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	1.7	20.9	0.0	6.4	0.2
4/22/2016 13:13	0.3	20.5	2.9	29.0	0.1	7.3	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	2.5	21.9	0.1	7.3	0.2
4/22/2016 13:14	0.4	20.4	5.8	41.0	0.2	9.5	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.4	34.2	0.1	9.6	0.2
4/22/2016 13:15	0.6	20.1	15.5	66.5	0.5	11.7	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.4	14.7	60.2	0.4	11.8	0.2
4/22/2016 13:16	1.0	19.7	24.9	117.5	1.2	15.0	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	1.0	19.9	23.8	112.3	1.1	15.2	0.2
4/22/2016 13:17	1.0	19.7	17.6	140.0	2.0	10.1	0.2	Changing Filter																											
4/22/2016 13:18	0.8	19.9	16.1	100.5	2.3	11.7	0.2	Changing Filter																											
4/22/2016 13:19	1.0	19.7	16.2	103.5	2.8	13.3	0.2	Changing Filter																											
4/22/2016 13:20	0.9	19.8	15.1	111.5	3.0	14.6	0.2	Changing Filter																											
4/22/2016 13:21	0.6	20.3	6.0	87.0	2.4	7.4	0.2	Changing Filter																											
4/22/2016 13:22	0.2	20.6	1.8	31.5	1.2	5.1	0.2	Changing Filter																											
4/22/2016 13:23	0.1	20.7	1.1	11.5	0.6	4.5	0.2	Changing Filter																											
4/22/2016 13:24	0.1	20.7	0.9	9.5	0.4	4.2	0.2	Changing Filter																											
4/22/2016 13:25	0.1	20.7	0.8	9.0	0.3	4.0	0.2	Changing Filter																											

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 13:26	0.1	20.7	0.8	9.0	0.2	3.7	0.0	Changing Filter																									
4/22/2016 13:27	0.1	20.7	0.8	9.0	0.2	3.5	0.0	Changing Filter																									
4/22/2016 13:28	0.1	20.7	0.7	9.0	0.2	3.4	0.0	Changing Filter																									
4/22/2016 13:29	0.1	20.7	0.7	9.0	0.2	3.2	0.0	Changing Filter																									
4/22/2016 13:30	0.1	20.7	0.6	9.0	0.1	3.1	0.0	Changing Filter																									
4/22/2016 13:31	0.1	20.7	0.5	8.5	0.1	3.0	0.0	Changing Filter																									
4/22/2016 13:32	0.1	20.7	0.4	8.5	0.1	3.0	0.0	Changing Filter																									
4/22/2016 13:33	0.1	20.7	0.4	8.5	0.1	3.1	0.0	Changing Filter																									
4/22/2016 13:34	0.1	20.7	0.5	8.5	0.1	3.1	0.0	Changing Filter																									
4/22/2016 13:35	0.1	20.7	0.4	8.5	0.1	2.9	0.0	Changing Filter																									
4/22/2016 13:36	0.1	20.7	0.3	8.5	0.1	2.3	0.0	Changing Filter																									
4/22/2016 13:37	0.1	20.7	0.2	8.5	0.1	2.8	0.0	Changing Filter																									
4/22/2016 13:38	0.1	20.7	0.3	8.5	0.1	2.7	0.0	Changing Filter																									
4/22/2016 13:39	0.1	20.7	0.2	8.5	0.1	2.7	0.0	Changing Filter																									
4/22/2016 13:40	0.1	20.7	0.2	8.5	0.1	2.6	0.0	Changing Filter																									
4/22/2016 13:41	0.1	20.7	0.2	8.5	0.1	2.6	0.0	Changing Filter																									
4/22/2016 13:42	0.1	20.7	0.1	8.5	0.1	2.6	0.0	Changing Filter																									
4/22/2016 13:43	0.1	20.7	0.1	8.5	0.1	2.7	0.0	Changing Filter																									
4/22/2016 13:44	0.1	20.7	0.1	8.5	0.1	2.8	0.0	Changing Filter																									
4/22/2016 13:45	0.1	20.7	0.1	8.5	0.1	2.8	0.0	Changing Filter																									
4/22/2016 13:46	0.1	20.7	0.1	8.0	0.1	2.9	0.0	Changing Filter																									
4/22/2016 13:47	0.2	20.7	0.1	8.5	0.1	2.9	0.0	Changing Filter																									
4/22/2016 13:48	0.2	20.7	0.1	8.0	0.1	2.6	0.0	Changing Filter																									
4/22/2016 13:49	0.2	20.7	0.1	8.0	0.1	2.5	0.0	Changing Filter																									
4/22/2016 13:50	0.2	20.7	0.1	8.0	0.1	6.8	0.0	Changing Filter																									
4/22/2016 13:51	0.3	20.4	5.7	87.5	0.2	51.0	0.0	Changing Filter																									
4/22/2016 13:52	0.5	20.2	8.0	228.5	0.3	43.5	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.5	7.5	225.5	0.2	44.4	0.1
4/22/2016 13:53	0.5	20.3	8.2	233.5	0.4	37.5	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.5	7.6	230.6	0.3	38.2	0.1
4/22/2016 13:54	0.5	20.3	7.4	205.0	0.5	34.8	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	6.9	201.5	0.4	35.5	0.2
4/22/2016 13:55	0.4	20.3	7.1	183.5	0.5	33.7	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.6	179.6	0.5	34.4	0.3
4/22/2016 13:56	0.4	20.4	7.0	176.0	0.6	31.3	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.5	172.0	0.5	31.9	0.3
4/22/2016 13:57	0.4	20.3	7.3	175.0	0.7	31.2	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.8	170.9	0.6	31.8	0.3
4/22/2016 13:58	0.4	20.3	7.6	170.5	0.7	28.5	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	7.1	166.3	0.6	29.0	0.4
4/22/2016 13:59	0.5	20.3	7.7	164.5	0.8	26.5	0.5	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	7.2	160.2	0.7	27.0	0.5
4/22/2016 14:00	0.4	20.3	7.3	157.0	0.8	27.7	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.8	152.6	0.7	28.2	0.4
4/22/2016 14:01	0.4	20.3	6.9	160.0	0.8	27.2	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.4	155.6	0.7	27.7	0.4
4/22/2016 14:02	0.4	20.4	6.6	151.5	0.7	27.4	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.1	147.0	0.6	27.9	0.4
4/22/2016 14:03	0.4	20.4	6.2	148.0	0.7	30.0	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.7	143.4	0.6	30.5	0.3
4/22/2016 14:04	0.4	20.4	6.1	148.0	0.6	31.5	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.6	143.4	0.5	32.1	0.3
4/22/2016 14:05	0.4	20.4	5.9	152.0	0.6	30.7	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.5	147.5	0.5	31.2	0.3
4/22/2016 14:06	0.4	20.4	5.9	144.5	0.6	30.2	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	5.5	139.8	0.5	30.8	0.3
4/22/2016 14:07	0.4	20.4	6.1	145.0	0.6	33.6	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.6	140.3	0.5	34.2	0.3
4/22/2016 14:08	0.4	20.4	6.2	148.5	0.6	33.9	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.7	143.9	0.5	34.5	0.3
4/22/2016 14:09	0.4	20.4	6.1	152.5	0.6	34.7	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.6	148.0	0.5	35.4	0.3
4/22/2016 14:10	0.4	20.4	6.1	153.5	0.6	35.2	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.6	149.0	0.5	35.9	0.3
4/22/2016 14:11	0.4	20.4	5.6	150.0	0.6	32.5	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	5.2	145.4	0.5	33.1	0.3
4/22/2016 14:12	0.4	20.5	4.9	135.5	0.5	32.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	4.5	130.6	0.4	33.6	0.2
4/22/2016 14:13	0.4	20.5	4.6	126.0	0.5	27.2	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.7	4.2	120.9	0.4	27.7	0.3
4/22/2016 14:14	0.4	20.5	4.3	113.0	0.5	26.0	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.7	3.9	107.7	0.4	26.5	0.2
4/22/2016 14:15	0.4	20.5	5.3	120.5	0.5	32.4	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	4.8	115.3	0.4	33.0	0.2
4/22/2016 14:16	0.4	20.5	5.2	147.5	0.5	37.2	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	4.7	142.9	0.5	37.9	0.2
4/22/2016 14:17	0.5	20.4	6.2	189.0	0.7	41.5	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.6	5.7	185.2	0.6	42.4	0.4
4/22/2016 14:18	0.4	20.5	4.9	173.0	0.6	31.5	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	4.5	168.9	0.5	32.1	0.3
4/22/2016 14:19	0.4	20.5	5.2	146.0	0.5	40.1	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	4.7	141.3	0.4	40.9	0.2
4/22/2016 14:20	0.4	20.5	5.0	160.5	0.5	33.1	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	4.5	156.1	0.4	33.7	0.2
4/22/2016 14:21	0.4	20.5	4.6	140.0	0.5	31.4	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	4.2	135.2	0.4	32.0	0.2
4/22/2016 14:22	0.5	20.5	4.9	141.5	0.5	39.2	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	4.4	136.7	0.4	40.0	0.2
4/22/2016 14:23	0.5	20.4	5.4	172.0	0.5	50.7	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	5.0	167.9	0.4	51.8	0.3
4/22/2016 14:24	0.5	20.4	5.5	210.0	0.5	47.4	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.6	5.1	206.7	0.5	48.4	0.4

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 14:25	0.5	20.5	4.9	188.0	0.5	40.9	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	4.4	184.2	0.4	41.8	0.3
4/22/2016 14:26	0.5	20.5	4.8	169.0	0.4	44.3	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	4.3	164.8	0.4	45.2	0.2
4/22/2016 14:27	0.5	20.5	5.0	181.0	0.5	49.7	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	4.5	177.1	0.4	50.8	0.3
4/22/2016 14:28	0.5	20.4	6.7	229.5	0.5	70.7	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.6	6.2	226.6	0.5	72.3	0.3
4/22/2016 14:29	0.6	20.3	7.0	292.5	0.6	69.3	0.5	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.5	6.5	290.8	0.5	70.8	0.5
4/22/2016 14:30	0.6	20.3	7.5	299.5	0.6	64.5	0.5	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.5	7.0	298.0	0.6	65.9	0.5
4/22/2016 14:31	0.6	20.3	8.1	295.5	0.7	63.0	0.5	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.5	7.5	293.9	0.6	64.4	0.5
4/22/2016 14:32	0.6	20.4	6.7	269.5	0.6	52.4	0.5	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.6	6.2	267.4	0.6	53.6	0.5
4/22/2016 14:33	0.6	20.4	6.7	230.5	0.5	52.3	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.6	6.2	227.6	0.5	53.4	0.4
4/22/2016 14:34	0.6	20.3	7.0	243.0	0.5	60.7	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.6	6.5	240.3	0.4	62.1	0.4
4/22/2016 14:35	0.6	20.3	7.7	268.5	0.6	61.2	0.5	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.5	7.2	266.3	0.5	62.5	0.5
4/22/2016 14:36	0.6	20.3	7.5	280.0	0.5	64.3	0.5	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.5	7.0	278.1	0.5	65.8	0.5
4/22/2016 14:37	0.6	20.4	6.2	251.0	0.5	52.2	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.6	5.7	248.5	0.4	53.3	0.4
4/22/2016 14:38	0.5	20.4	6.4	219.5	0.4	67.1	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.6	5.9	216.3	0.3	68.6	0.3
4/22/2016 14:39	0.6	20.3	6.9	270.0	0.4	64.1	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.6	6.4	267.9	0.3	65.5	0.4
4/22/2016 14:40	0.6	20.4	6.0	248.5	0.3	60.0	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	5.5	245.9	0.3	61.3	0.3
4/22/2016 14:41	0.6	20.4	5.9	233.5	0.3	60.5	0.4	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.6	5.4	230.6	0.2	61.8	0.4
4/22/2016 14:42	0.5	20.4	5.5	226.5	0.3	59.5	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	5.1	223.5	0.2	60.8	0.3
4/22/2016 14:43	0.5	20.5	5.4	217.0	0.3	59.3	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	5.0	213.8	0.2	60.6	0.3
4/22/2016 14:44	0.6	20.4	6.0	230.5	0.3	62.5	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.6	5.5	227.6	0.2	63.9	0.3
4/22/2016 14:45	0.5	20.4	5.5	229.5	0.2	53.4	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	5.0	226.6	0.1	54.6	0.3
4/22/2016 14:46	0.5	20.5	5.0	208.5	0.2	54.8	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	4.6	205.1	0.1	56.0	0.3
4/22/2016 14:47	0.5	20.5	4.8	202.0	0.2	57.5	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	4.4	198.5	0.1	58.7	0.3
4/22/2016 14:48	0.5	20.5	4.8	205.0	0.2	57.5	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	4.4	201.5	0.1	58.7	0.3
4/22/2016 14:49	0.5	20.5	5.1	216.5	0.2	66.5	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	4.6	213.3	0.1	68.0	0.3
4/22/2016 14:50	0.6	20.4	5.5	238.0	0.2	62.0	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.6	5.0	235.2	0.1	63.3	0.3
4/22/2016 14:51	0.5	20.5	4.7	214.5	0.2	48.8	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	4.3	211.2	0.1	49.9	0.3
4/22/2016 14:52	0.5	20.5	4.0	167.0	0.1	45.2	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.8	3.6	162.8	0.1	46.1	0.2
4/22/2016 14:53	0.5	20.5	4.2	162.5	0.1	50.5	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	3.8	158.2	0.1	51.6	0.2
4/22/2016 14:54	0.5	20.5	4.5	184.0	0.1	52.2	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	4.1	180.1	0.1	53.3	0.2
4/22/2016 14:55	0.5	20.5	4.1	190.5	0.1	49.0	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	3.7	186.8	0.1	50.1	0.2
4/22/2016 14:56	0.5	20.5	4.3	186.0	0.1	54.9	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	3.9	182.2	0.1	56.1	0.3
4/22/2016 14:57	0.5	20.5	4.5	201.0	0.1	61.6	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	4.1	197.5	0.1	62.9	0.3
4/22/2016 14:58	0.5	20.5	4.2	210.5	0.1	54.3	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	3.8	207.2	0.1	55.4	0.3
4/22/2016 14:59	0.5	20.5	4.0	198.0	0.1	59.7	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	3.6	194.4	0.1	61.0	0.3
4/22/2016 15:00	0.5	20.5	4.2	212.0	0.1	60.3	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	3.8	208.7	0.1	61.7	0.2
4/22/2016 15:01	0.5	20.5	3.9	208.5	0.1	60.4	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	3.5	205.1	0.1	61.8	0.2
4/22/2016 15:02	0.5	20.5	4.2	218.5	0.1	65.8	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	3.8	215.3	0.1	67.2	0.3
4/22/2016 15:03	0.5	20.5	4.0	226.0	0.1	61.1	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	3.6	223.0	0.1	62.5	0.3
4/22/2016 15:04	0.5	20.5	3.8	211.5	0.1	55.6	0.3	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.7	3.4	208.2	0.1	56.8	0.3
4/22/2016 15:05	0.5	20.5	3.5	190.0	0.1	52.9	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.8	3.1	186.2	0.1	54.0	0.2
4/22/2016 15:06	0.4	20.6	3.3	169.0	0.1	47.2	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.8	2.9	164.8	0.1	48.2	0.2
4/22/2016 15:07	0.4	20.6	2.6	135.0	0.1	33.4	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.8	2.2	130.1	0.0	34.1	0.2
4/22/2016 15:08	0.4	20.6	2.3	103.0	0.1	28.2	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.9	1.9	97.5	0.0	28.7	0.1
4/22/2016 15:09	0.4	20.6	2.1	85.5	0.1	35.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.7	79.6	0.0	36.1	0.1
4/22/2016 15:10	0.4	20.6	2.7	115.5	0.1	38.4	0.2	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.8	2.3	110.2	0.0	39.2	0.2
4/22/2016 15:11	0.4	20.6	2.1	110.5	0.1	33.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.8	1.7	105.1	0.0	34.4	0.1
4/22/2016 15:12	0.4	20.6	2.3	101.5	0.1	35.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.8	1.9	95.9	0.0	36.0	0.1
4/22/2016 15:13	0.4	20.6	2.1	102.5	0.1	37.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	1.7	96.9	0.0	37.7	0.1
4/22/2016 15:14	0.4	20.6	2.0	97.0	0.1	30.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	1.6	91.3	0.0	31.4	0.1
4/22/2016 15:15	0.3	20.6	1.7	83.5	0.1	30.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.4	77.6	0.0	31.5	0.0
4/22/2016 15:16	0.3	20.6	1.7	84.5	0.1	30.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.4	78.6	0.0	31.4	0.0
4/22/2016 15:17	0.3	20.6	1.7	83.5	0.1	28.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.3	77.6	0.0	28.8	0.1
4/22/2016 15:18	0.3	20.6	1.8	85.5	0.1	38.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.4	79.6	0.0	39.5	0.1
4/22/2016 15:19	0.4	20.6	1.7	101.5	0.1	32.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.3	95.9	0.0	32.7	0.0
4/22/2016 15:20	0.3	20.6	1.7	90.0	0.1	35.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.3	84.2	0.0	36.4	0.0
4/22/2016 15:21	0.3	20.6	1.7	94.0	0.1	34.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.3	88.3	0.0	34.6	0.1
4/22/2016 15:22	0.3	20.6	1.5	92.0	0.1	36.5	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.2	86.2	0.0	37.2	0.1
4/22/2016 15:23	0.3	20.6	1.6	90.5	0.1	35.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.2	84.7	0.0	35.9	0.1

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 15:24	0.3	20.6	1.5	88.5	0.1	34.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.2	82.7	0.0	35.4	0.1
4/22/2016 15:25	0.3	20.6	1.5	86.0	0.1	34.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.2	80.1	0.0	34.8	0.0
4/22/2016 15:26	0.3	20.6	1.6	84.0	0.1	37.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.3	78.1	0.0	38.2	0.1
4/22/2016 15:27	0.3	20.6	1.6	87.5	0.1	32.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.2	81.6	0.0	33.0	0.0
4/22/2016 15:28	0.4	20.6	1.7	89.0	0.1	37.4	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	1.4	83.2	0.0	38.2	0.1
4/22/2016 15:29	0.3	20.6	1.6	95.5	0.1	38.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.3	89.8	0.0	38.9	0.1
4/22/2016 15:30	0.3	20.6	1.5	93.0	0.1	29.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.1	87.3	0.0	30.2	0.1
4/22/2016 15:31	0.3	20.6	1.3	77.5	0.1	29.7	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.0	71.4	0.0	30.2	0.1
4/22/2016 15:32	0.3	20.6	1.4	75.0	0.1	30.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.1	68.9	0.0	31.3	0.0
4/22/2016 15:33	0.3	20.6	1.3	75.0	0.1	25.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.0	68.9	0.0	25.5	0.1
4/22/2016 15:34	0.3	20.6	1.4	68.5	0.1	29.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.0	62.3	0.0	30.0	0.0
4/22/2016 15:35	0.3	20.6	1.4	74.5	0.1	28.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.0	68.4	0.0	29.1	0.1
4/22/2016 15:36	0.3	20.6	1.5	76.5	0.1	29.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.1	70.4	0.0	29.7	0.1
4/22/2016 15:37	0.3	20.6	1.3	74.0	0.1	29.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.0	67.9	0.0	29.8	0.0
4/22/2016 15:38	0.3	20.6	1.5	79.0	0.1	29.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.2	73.0	0.0	29.6	0.1
4/22/2016 15:39	0.3	20.6	1.3	76.0	0.1	29.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.0	69.9	0.0	30.2	0.1
4/22/2016 15:40	0.3	20.6	1.3	78.5	0.1	29.0	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	0.9	72.5	0.0	29.6	0.1
4/22/2016 15:41	0.3	20.6	1.2	74.5	0.1	25.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	0.8	68.4	0.0	26.2	0.0
4/22/2016 15:42	0.3	20.6	1.3	73.0	0.1	31.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	0.9	66.8	0.0	31.9	0.1
4/22/2016 15:43	0.3	20.6	1.4	86.0	0.1	32.3	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.1	80.1	0.0	32.9	0.1
4/22/2016 15:44	0.3	20.6	1.4	87.5	0.1	30.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.0	81.6	0.0	31.0	0.1
4/22/2016 15:45	0.3	20.6	1.3	82.0	0.1	25.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	1.0	76.0	0.0	25.6	0.1
4/22/2016 15:46	0.3	20.6	1.1	66.0	0.1	24.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.8	59.7	0.0	24.7	0.1
4/22/2016 15:47	0.2	20.7	0.9	53.0	0.1	22.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.6	46.4	0.0	22.7	0.1
4/22/2016 15:48	0.3	20.6	1.0	52.5	0.1	22.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.7	45.9	0.0	22.6	0.1
4/22/2016 15:49	0.3	20.6	1.0	59.5	0.1	20.1	0.1	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	0.7	53.1	0.0	20.4	0.1
4/22/2016 15:50	0.3	20.6	0.9	59.5	0.1	18.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	0.6	53.1	0.0	19.2	0.0
4/22/2016 15:51	0.3	20.6	0.9	63.5	0.1	19.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	0.6	57.1	0.0	19.9	0.0
4/22/2016 15:52	0.2	20.6	0.7	59.0	0.1	22.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.2	20.9	0.4	52.6	0.0	22.3	0.0
4/22/2016 15:53	0.3	20.6	0.9	75.0	0.1	24.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.9	0.6	68.9	0.0	24.6	0.0
4/22/2016 15:54	0.3	20.6	1.0	97.5	0.1	32.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	0.7	91.8	0.0	33.1	0.0
4/22/2016 15:55	0.3	20.6	1.1	123.5	0.1	37.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	0.8	118.4	0.0	38.4	0.0
4/22/2016 15:56	0.3	20.6	1.4	156.5	0.1	41.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	1.1	152.1	0.0	42.3	0.0
4/22/2016 15:57	0.3	20.5	1.9	165.0	0.1	40.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.8	1.5	160.7	0.0	41.1	0.0
4/22/2016 15:58	0.3	20.5	1.9	153.0	0.1	46.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.7	1.5	148.5	0.0	47.6	0.0
4/22/2016 15:59	0.4	20.5	2.1	164.0	0.1	33.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.7	1.8	159.7	0.0	34.5	0.0
4/22/2016 16:00	0.5	20.4	2.7	171.5	0.1	42.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	2.3	167.4	0.0	43.2	0.0
4/22/2016 16:01	0.5	20.3	2.7	194.5	0.1	40.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.6	2.4	190.8	0.0	41.7	0.0
4/22/2016 16:02	0.6	20.2	3.7	225.5	0.1	40.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.5	3.3	222.5	0.0	40.9	0.0
4/22/2016 16:03	0.6	20.2	4.3	223.5	0.1	37.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.5	3.9	220.4	0.0	38.3	0.0
4/22/2016 16:04	0.7	20.1	5.7	231.0	0.1	39.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.7	20.3	5.2	228.1	0.1	40.1	0.0
4/22/2016 16:05	0.7	20.0	6.2	265.5	0.2	38.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.7	20.2	5.7	263.3	0.1	39.6	0.0
4/22/2016 16:06	0.7	20.0	6.6	284.0	0.3	41.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.7	20.3	6.1	282.2	0.3	42.7	0.0
4/22/2016 16:07	0.6	20.2	6.3	285.0	0.4	47.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.6	20.4	5.8	283.2	0.3	48.9	0.0
4/22/2016 16:08	0.5	20.2	6.5	283.5	0.4	55.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.4	6.0	281.7	0.3	56.2	0.0
4/22/2016 16:09	0.5	20.2	6.4	290.0	0.4	61.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.5	5.9	288.3	0.3	62.4	0.0
4/22/2016 16:10	0.5	20.3	6.2	278.5	0.4	51.6	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.5	20.5	5.7	276.6	0.3	52.7	0.0
4/22/2016 16:11	0.5	20.3	6.6	256.0	0.4	54.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	6.1	253.6	0.3	55.4	0.0
4/22/2016 16:12	0.4	20.3	6.1	263.0	0.4	57.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.7	260.7	0.4	59.0	0.0
4/22/2016 16:13	0.4	20.4	6.1	259.5	0.4	61.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.7	257.2	0.4	62.7	0.0
4/22/2016 16:14	0.4	20.4	6.5	259.5	0.4	64.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.0	257.2	0.3	65.7	0.0
4/22/2016 16:15	0.4	20.4	6.3	266.5	0.4	69.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.8	264.3	0.3	70.6	0.0
4/22/2016 16:16	0.4	20.3	7.3	293.5	0.4	70.9	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.5	6.8	291.9	0.3	72.5	0.0
4/22/2016 16:17	0.4	20.4	6.8	281.5	0.4	67.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.3	279.6	0.4	69.0	0.0
4/22/2016 16:18	0.4	20.4	6.5	262.5	0.4	71.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.0	260.2	0.4	72.7	0.0
4/22/2016 16:19	0.4	20.4	6.6	269.0	0.4	64.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.1	266.9	0.4	65.4	0.0
4/22/2016 16:20	0.4	20.4	5.9	241.0	0.4	60.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	5.5	238.3	0.3	61.4	0.0
4/22/2016 16:21	0.3	20.4	5.8	225.5	0.4	62.1	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.7	5.4	222.5	0.3	63.4	0.0
4/22/2016 16:22	0.4	20.4	6.2	248.5	0.4	72.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	5.7	245.9	0.3	74.0	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 16:23	0.4	20.4	6.2	268.0	0.4	62.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.7	265.8	0.3	64.1	0.0
4/22/2016 16:24	0.4	20.4	6.4	258.0	0.4	75.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.9	255.6	0.4	77.1	0.0
4/22/2016 16:25	0.4	20.3	6.6	294.0	0.5	75.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.1	292.4	0.4	76.9	0.0
4/22/2016 16:26	0.4	20.3	7.3	285.5	0.5	78.2	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.8	283.7	0.4	80.0	0.0
4/22/2016 16:27	0.4	20.4	7.2	290.0	0.5	69.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.7	288.3	0.4	71.3	0.0
4/22/2016 16:28	0.4	20.4	7.4	263.5	0.5	71.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.9	261.2	0.4	73.3	0.0
4/22/2016 16:29	0.4	20.3	7.8	274.0	0.5	76.7	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	7.3	272.0	0.4	78.4	0.0
4/22/2016 16:30	0.4	20.4	7.3	277.5	0.5	74.4	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.8	275.5	0.4	76.1	0.0
4/22/2016 16:31	0.4	20.3	7.5	274.0	0.6	62.5	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	7.0	272.0	0.5	63.9	0.0
4/22/2016 16:32	0.4	20.4	7.3	248.5	0.6	60.3	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	6.8	245.9	0.5	61.6	0.0
4/22/2016 16:33	0.4	20.4	6.3	231.0	0.6	47.0	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.4	20.6	5.8	228.1	0.5	48.0	0.0
4/22/2016 16:34	0.3	20.4	5.7	189.5	0.5	45.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.7	5.2	185.7	0.5	46.7	0.0
4/22/2016 16:35	0.3	20.4	6.0	205.0	0.5	67.8	0.0	Day 5 Testing	0.0	2.4	2.5	0.1	10.9	11.0	0.3	26.1	25.1	7.5	258.8	256.4	0.1	14.6	14.8	0.2	14.2	14.4	1.062	0.3	20.6	5.6	201.5	0.5	69.3	0.0
	0.3	**20.5**	**3.3**	**122.9**	**0.3**	**35.1**	**0.1**	**Day 5 Average**																				**0.3**	**20.7**	**2.9**	**117.8**	**0.2**	**35.8**	**0.1**
4/22/2016 16:36	0.4	20.3	7.1	301.0	0.6	84.3	0.0																												
4/22/2016 16:37	0.5	20.2	9.1	394.5	0.8	96.4	0.0																												
4/22/2016 16:38	0.5	20.2	8.5	426.5	0.9	92.7	0.0																												
4/22/2016 16:39	0.5	20.3	7.7	373.0	0.8	95.4	0.0																												
4/22/2016 16:40	0.5	20.3	7.7	360.5	0.8	85.0	0.0																												
4/22/2016 16:41	0.5	20.3	8.5	331.5	0.8	89.2	0.0																												
4/22/2016 16:42	0.5	19.9	7.2	319.0	0.8	59.1	0.0																												
4/22/2016 16:43	7.4	12.3	2.6	155.0	0.5	13.1	0.0																												
4/22/2016 16:44	10.9	10.9	1.9	28.5	0.2	9.3	0.0																												
4/22/2016 16:45	11.0	10.9	1.6	8.5	0.2	7.4	0.0																												
4/22/2016 16:46	11.0	**10.9**	1.3	8.0	**0.1**	6.1	0.0	**10.98 O2, Zero SO2 Bias Check**																											
4/22/2016 16:47	10.9	10.7	2.1	9.5	0.1	5.9	0.0																												
4/22/2016 16:48	5.3	2.2	26.0	112.0	0.3	6.7	0.0																												
4/22/2016 16:49	2.6	0.1	26.2	233.0	0.5	6.1	0.0																												
4/22/2016 16:50	**2.5**	**0.1**	**26.2**	**259.5**	0.6	5.6	0.0	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																											
4/22/2016 16:51	2.5	0.1	26.1	261.0	0.7	5.3	0.0																												
4/22/2016 16:52	2.5	0.2	25.8	260.0	0.6	4.1	0.0																												
4/22/2016 16:53	1.0	16.2	1.2	153.5	4.4	1.4	0.0																												
4/22/2016 16:54	0.1	20.7	0.7	25.0	10.6	1.1	0.0																												
4/22/2016 16:55	0.1	20.7	0.6	8.5	12.3	0.8	0.0																												
4/22/2016 16:56	0.1	20.7	0.5	8.0	14.2	0.6	0.0																												
4/22/2016 16:57	**0.1**	20.7	**0.5**	**8.0**	**14.5**	**0.6**	0.0	**Zero CO2, 14.8 SO2, Zero TOC Bias Check**																											
4/22/2016 16:58	0.1	5.9	0.5	8.0	8.9	14.5	0.0																												
4/22/2016 16:59	0.1	0.1	0.4	8.0	1.9	14.4	0.0																												
4/22/2016 17:00	0.1	0.1	0.4	8.0	0.9	14.3	0.0																												
4/22/2016 17:01	0.1	0.1	0.4	8.0	0.5	**14.2**	0.0	**14.4 C3H8 Bias Check**																											
4/22/2016 17:02	0.1	0.1	0.4	8.5	0.4	12.1	0.0																												
4/22/2016 17:03	0.1	14.0	0.5	9.5	0.3	4.7	0.0																												
4/22/2016 17:04	0.1	20.4	0.4	10.0	0.3	3.3	0.0																												
4/22/2016 17:05	0.1	20.7	0.5	11.5	0.2	4.0	0.7																												
4/22/2016 17:06	0.1	20.7	0.5	13.5	0.2	4.2	0.6																												
4/22/2016 17:07	0.1	8.8	0.4	12.5	0.2	2.2	4.7																												
4/22/2016 17:08	0.1	0.2	0.2	9.0	0.2	1.7	9.0																												
4/22/2016 17:09	0.1	0.1	0.2	8.0	0.3	1.5	9.3																												
4/22/2016 17:10	0.1	0.1	0.2	8.0	0.3	1.4	9.3																												
4/22/2016 17:11	0.1	0.1	0.2	8.0	0.3	1.3	9.4																												
4/22/2016 17:12	0.1	0.1	0.2	8.0	0.3	1.2	9.5																												
4/22/2016 17:13	0.1	0.1	0.2	8.0	0.3	1.1	9.4																												
4/22/2016 17:14	0.1	0.1	0.2	8.0	0.3	1.1	9.5																												
4/22/2016 17:15	0.1	0.1	0.2	8.0	0.3	1.1	**9.5**	**9.98 H2S Bias Check**																											
4/22/2016 17:16	0.1	0.1	0.2	8.0	0.3	1.1	9.5																												
4/22/2016 17:17	0.1	3.0	0.2	8.5	0.3	3.0	8.6																												
4/22/2016 17:18	0.2	19.1	0.4	12.5	0.4	8.4	0.1																												
4/22/2016 17:19	0.2	20.6	0.3	11.0	0.3	6.9	0.1																												
4/22/2016 17:20	0.2	20.7	0.2	9.0	0.2	6.5	0.1																												

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/22/2016 17:21	0.2	20.7	0.2	8.5	0.2	6.3	0.1																										
4/22/2016 17:22	0.2	20.7	0.2	8.5	0.2	6.1	0.1																										
4/22/2016 17:23	0.2	20.7	0.2	8.5	0.1	6.0	0.1																										
4/22/2016 17:24	0.2	20.7	0.2	8.5	0.1	5.8	0.1																										
4/22/2016 17:25	0.2	20.7	0.2	8.5	0.1	5.7	0.1																										
4/22/2016 17:26	0.2	20.7	0.2	8.5	0.1	5.7	0.1																										
4/22/2016 17:27	0.2	20.7	0.2	8.5	0.1	5.7	0.1																										
4/22/2016 17:28	0.2	20.7	0.2	8.5	0.1	5.7	0.1																										
4/22/2016 17:29	0.2	20.7	0.2	8.5	0.1	5.7	0.1																										
4/22/2016 17:30	0.2	20.7	0.2	8.5	0.1	5.8	0.1																										
4/25/2016 16:30	0.1	20.7	0.3	19.5	0.0	5.7	0.2																										
4/25/2016 16:31	0.1	20.7	0.2	17.5	0.0	4.9	0.1																										
4/25/2016 16:32	0.1	20.7	0.2	16.5	0.0	5.0	0.1																										
4/25/2016 16:33	0.1	20.7	0.2	16.5	0.0	5.9	0.1																										
4/25/2016 16:34	0.1	20.7	0.2	17.0	0.0	6.7	0.1																										
4/25/2016 16:35	0.1	20.7	0.2	18.5	0.0	6.3	0.2																										
4/25/2016 16:36	0.1	20.7	0.2	17.5	0.0	4.6	0.1																										
4/25/2016 16:37	0.1	20.7	0.3	15.0	0.0	4.3	0.1																										
4/25/2016 16:38	0.1	20.7	0.2	15.0	0.0	5.2	0.2																										
4/25/2016 16:39	0.1	20.7	0.2	20.0	0.0	5.8	0.2																										
4/25/2016 16:40	0.1	20.7	0.2	21.0	0.0	4.9	0.2																										
4/25/2016 16:41	0.1	20.7	0.3	20.0	0.0	5.5	0.2																										
4/25/2016 16:42	0.1	20.7	0.3	19.5	0.0	4.3	0.2																										
4/25/2016 16:43	0.1	20.7	0.3	16.0	0.0	3.9	0.2																										
4/25/2016 16:44	0.1	20.7	0.3	15.0	0.0	3.6	0.2																										
4/25/2016 16:45	0.1	20.7	0.2	14.5	0.0	3.5	0.2																										
4/25/2016 16:46	0.1	20.7	0.2	14.0	0.0	4.0	0.2																										
4/25/2016 16:47	0.1	20.7	0.2	15.5	0.0	4.0	0.2																										
4/25/2016 16:48	0.1	20.7	0.3	16.0	0.0	4.1	0.2																										
4/25/2016 16:49	0.1	20.6	0.3	18.5	0.0	4.5	0.2																										
4/25/2016 16:50	0.1	20.7	0.4	19.5	0.0	4.0	0.2																										
4/25/2016 16:51	0.1	20.7	0.4	18.5	0.0	3.6	0.2																										
4/25/2016 16:52	0.1	20.7	0.3	16.0	0.0	4.1	0.3																										
4/25/2016 16:53	0.1	20.6	0.3	16.0	0.0	4.9	0.3																										
4/25/2016 16:54	0.1	5.6	0.1	15.0	0.0	3.2	5.9																										
4/25/2016 16:55	0.1	0.2	0.0	12.0	0.0	0.9	**8.7**	**9.98 H2S Bias Check**																									
4/25/2016 16:56	0.2	0.9	0.0	11.5	0.1	0.2	8.2																										
4/25/2016 16:57	7.2	9.6	0.1	11.0	0.0	0.1	1.0																										
4/25/2016 16:58	10.8	10.9	0.1	11.0	0.0	0.1	0.3																										
4/25/2016 16:59	10.8	10.9	0.1	11.0	0.0	0.1	0.3																										
4/25/2016 17:00	10.9	**10.9**	0.1	11.0	**0.0**	0.1	0.3	**10.98 O2, Zero SO2 Bias Check**																									
4/25/2016 17:01	10.9	10.8	1.5	12.0	0.0	0.3	0.3																										
4/25/2016 17:02	5.3	2.2	24.2	115.0	0.2	0.8	0.3																										
4/25/2016 17:03	2.6	0.1	25.0	235.5	0.4	0.8	0.3																										
4/25/2016 17:04	2.5	0.1	25.0	262.5	0.4	0.8	0.3																										
4/25/2016 17:05	**2.5**	**0.1**	**25.0**	**264.0**	0.4	0.8	0.3	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/25/2016 17:06	2.5	0.3	24.1	263.5	0.4	0.5	0.3																										
4/25/2016 17:07	1.0	16.1	1.4	157.0	2.3	-0.6	0.3																										
4/25/2016 17:08	0.2	20.6	0.2	28.0	8.4	-0.6	0.3																										
4/25/2016 17:09	0.1	20.7	0.2	11.5	11.6	-0.6	0.3																										
4/25/2016 17:10	0.2	20.7	0.2	11.0	13.0	-0.4	0.3																										
4/25/2016 17:11	**0.2**	20.7	**0.2**	**11.0**	**13.7**	**-0.4**	0.3	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																									
4/25/2016 17:12	0.2	5.9	0.1	11.0	10.6	14.0	0.3																										
4/25/2016 17:13	0.2	0.2	0.1	11.0	3.7	14.8	0.3																										
4/25/2016 17:14	0.2	0.1	0.1	11.0	1.8	14.8	0.3																										
4/25/2016 17:15	0.2	0.1	0.1	11.0	1.2	**14.8**	0.3	**14.4 C3H8 Bias Check**																									
4/25/2016 17:16	0.2	0.1	0.1	11.0	0.8	13.0	0.3																										
4/25/2016 17:17	0.2	14.6	0.2	12.5	0.6	3.2	0.3																										
4/25/2016 17:18	0.2	20.6	0.2	14.5	0.5	-0.4	0.3																										

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/25/2016 17:19	0.2	20.7	0.2	16.0	0.4	-0.4	0.3																										
4/25/2016 17:20	0.2	20.7	0.2	18.0	0.3	-0.4	0.3																										
4/25/2016 17:21	0.2	20.7	0.2	17.0	0.3	-0.4	0.3																										
4/25/2016 17:22	0.2	20.7	0.1	14.0	0.2	-0.4	0.3																										
4/25/2016 17:23	0.2	20.7	0.2	14.0	0.2	-0.4	0.3																										
4/25/2016 17:24	0.2	20.7	0.2	17.0	0.1	-0.4	0.3																										
4/25/2016 17:25	0.3	20.7	0.3	19.0	0.1	-0.4	0.3																										
4/25/2016 17:26	0.3	20.7	0.2	19.0	0.1	-0.4	0.3																										
4/25/2016 17:27	0.2	20.7	0.2	16.5	0.1	-0.4	0.3																										
4/25/2016 17:28	0.2	20.7	0.2	15.5	0.1	26.7	0.3																										
4/25/2016 17:29	0.4	20.4	2.1	153.0	0.1	101.5	0.3																										
4/25/2016 17:30	0.6	20.3	3.0	332.0	0.2	101.9	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.5	2.8	326.8	0.2	97.4	0.0
4/25/2016 17:31	0.6	20.3	3.5	354.0	0.4	102.4	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.5	3.3	349.1	0.3	97.8	0.0
4/25/2016 17:32	0.6	20.3	3.8	373.0	0.5	98.7	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.5	3.6	368.4	0.5	94.3	0.0
4/25/2016 17:33	0.5	20.4	3.4	292.5	0.5	99.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.6	3.2	286.8	0.5	94.6	0.0
4/25/2016 17:34	0.6	20.2	5.2	309.5	0.8	102.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	5.0	304.0	0.8	97.5	0.0
4/25/2016 17:35	0.8	19.9	6.5	451.0	1.3	102.4	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.7	20.1	6.3	447.4	1.3	97.8	0.0
4/25/2016 17:36	0.7	20.1	5.9	521.0	1.4	102.4	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.3	5.7	518.4	1.4	97.8	0.0
4/25/2016 17:37	0.5	20.3	5.2	397.5	1.4	59.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	5.0	393.2	1.4	56.9	0.0
4/25/2016 17:38	0.7	20.1	6.7	413.0	1.8	215.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.3	6.5	408.9	1.9	205.3	0.0
4/25/2016 17:39	0.7	20.1	6.9	455.5	1.8	255.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.3	6.7	452.0	1.9	243.5	0.0
4/25/2016 17:40	0.7	20.1	7.3	459.0	1.9	245.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.3	7.1	455.5	2.0	233.9	0.0
4/25/2016 17:41	0.8	20.0	8.0	499.0	2.3	240.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.7	20.2	7.8	496.1	2.4	229.1	0.0
4/25/2016 17:42	0.6	20.2	6.7	419.5	2.2	190.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	6.5	415.5	2.3	181.4	0.0
4/25/2016 17:43	0.6	20.2	7.5	353.0	2.3	63.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	7.3	348.1	2.4	60.7	0.0
4/25/2016 17:44	0.7	20.1	8.0	383.0	2.7	169.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.3	7.8	378.5	2.8	161.9	0.0
4/25/2016 17:45	0.6	20.2	6.9	360.0	2.3	180.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	6.7	355.2	2.4	172.4	0.0
4/25/2016 17:46	0.6	20.1	8.6	389.0	2.3	184.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.3	8.4	384.6	2.4	176.2	0.0
4/25/2016 17:47	0.6	20.1	7.9	395.0	2.3	157.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	7.7	390.7	2.4	149.9	0.0
4/25/2016 17:48	0.5	20.2	7.7	324.5	2.2	170.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	7.5	319.2	2.3	162.8	0.0
4/25/2016 17:49	0.6	20.2	6.9	349.0	2.4	130.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	6.7	344.1	2.6	124.2	0.0
4/25/2016 17:50	0.5	20.3	6.0	297.5	1.8	131.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	5.8	291.9	1.9	125.1	0.0
4/25/2016 17:51	0.4	20.3	6.4	280.0	1.6	181.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.2	274.1	1.6	173.3	0.0
4/25/2016 17:52	0.6	20.1	7.5	395.0	2.1	204.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.3	7.3	390.7	2.2	194.8	0.0
4/25/2016 17:53	0.5	20.3	6.5	375.5	2.0	144.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	6.3	370.9	2.1	137.5	0.0
4/25/2016 17:54	0.5	20.3	6.2	286.0	1.8	126.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.0	280.2	1.9	120.8	0.0
4/25/2016 17:55	0.5	20.3	6.2	277.5	1.7	119.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.0	271.6	1.8	113.7	0.0
4/25/2016 17:56	0.4	20.3	6.2	266.0	1.5	156.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.0	259.9	1.6	149.5	0.0
4/25/2016 17:57	0.6	20.0	9.1	393.5	2.0	188.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.3	8.9	389.2	2.1	179.5	0.0
4/25/2016 17:58	0.5	20.2	7.4	402.5	1.7	168.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	7.2	398.3	1.7	160.4	0.0
4/25/2016 17:59	0.5	20.3	7.1	363.0	1.5	160.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.9	358.3	1.6	153.3	0.0
4/25/2016 18:00	0.5	20.2	8.0	374.0	1.7	142.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	7.8	369.4	1.7	135.6	0.0
4/25/2016 18:01	0.4	20.4	6.4	317.0	1.5	102.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.2	311.6	1.5	97.9	0.0
4/25/2016 18:02	0.5	20.1	9.2	311.0	2.1	142.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.3	9.0	305.6	2.2	136.1	0.0
4/25/2016 18:03	0.5	20.2	7.0	375.0	2.0	116.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	6.8	370.4	2.1	111.3	0.0
4/25/2016 18:04	0.4	20.3	6.6	295.0	1.5	115.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.4	289.3	1.6	109.9	0.0
4/25/2016 18:05	0.4	20.3	7.0	300.5	1.7	140.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.8	294.9	1.7	133.7	0.0
4/25/2016 18:06	0.5	20.2	7.5	338.5	2.0	123.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	7.3	333.4	2.1	118.0	0.0
4/25/2016 18:07	0.4	20.3	6.5	295.0	1.6	135.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.3	289.3	1.7	129.4	0.0
4/25/2016 18:08	0.4	20.4	6.1	295.0	1.6	121.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.9	289.3	1.6	116.1	0.0
4/25/2016 18:09	0.4	20.3	6.2	266.0	1.5	121.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.0	259.9	1.6	116.1	0.0
4/25/2016 18:10	0.4	20.2	7.1	279.0	1.7	128.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.9	273.1	1.7	122.3	0.0
4/25/2016 18:11	0.4	20.3	6.5	296.5	1.6	136.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.3	290.9	1.6	129.9	0.0
4/25/2016 18:12	0.4	20.3	6.5	290.0	1.5	141.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.3	284.3	1.5	134.7	0.0
4/25/2016 18:13	0.4	20.3	6.4	312.5	1.7	115.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.2	307.1	1.8	109.9	0.0
4/25/2016 18:14	0.4	20.3	6.7	287.5	2.6	133.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.5	281.7	2.7	127.0	0.0
4/25/2016 18:15	0.5	20.3	6.2	317.5	2.6	135.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.0	312.1	2.8	129.4	0.0
4/25/2016 18:16	0.4	20.4	5.4	302.5	1.8	122.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	5.2	296.9	1.9	116.6	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/25/2016 18:17	0.3	20.4	4.8	270.0	1.4	126.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.6	264.0	1.5	120.8	0.0
4/25/2016 18:18	0.3	20.4	5.7	283.0	1.5	143.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	5.5	277.2	1.6	136.6	0.0
4/25/2016 18:19	0.5	20.2	7.0	344.5	2.0	174.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.8	339.5	2.1	166.2	0.0
4/25/2016 18:20	0.4	20.4	5.5	360.0	1.7	154.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.3	355.2	1.8	147.6	0.0
4/25/2016 18:21	0.3	20.4	5.1	309.5	1.4	172.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	4.9	304.0	1.5	164.7	0.0
4/25/2016 18:22	0.4	20.3	5.7	341.0	1.6	154.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	5.5	336.0	1.7	147.6	0.0
4/25/2016 18:23	0.3	20.4	5.0	302.5	1.4	138.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.8	296.9	1.4	131.8	0.0
4/25/2016 18:24	0.4	20.3	6.0	298.0	1.6	159.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	5.8	292.4	1.7	151.9	0.0
4/25/2016 18:25	0.5	20.2	6.6	354.5	1.8	176.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	6.4	349.6	1.9	168.1	0.0
4/25/2016 18:26	0.4	20.3	6.0	352.5	1.6	137.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	5.8	347.6	1.7	130.9	0.0
4/25/2016 18:27	0.4	20.3	6.0	311.0	1.5	148.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	5.8	305.6	1.5	141.4	0.0
4/25/2016 18:28	0.3	20.4	4.7	284.0	1.2	136.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.5	278.2	1.2	130.4	0.0
4/25/2016 18:29	0.3	20.5	4.7	260.0	1.1	137.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.5	253.9	1.1	131.3	0.0
4/25/2016 18:30	0.4	20.3	6.1	278.5	1.4	117.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	5.9	272.6	1.4	112.3	0.0
4/25/2016 18:31	0.4	20.4	5.3	255.0	1.4	117.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	5.1	248.8	1.4	112.3	0.0
4/25/2016 18:32	0.4	20.4	5.3	259.5	1.4	119.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	5.1	253.4	1.4	113.7	0.0
4/25/2016 18:33	0.3	20.5	4.1	241.5	1.0	97.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	3.9	235.1	1.0	93.2	0.0
4/25/2016 18:34	0.4	20.3	7.2	259.5	1.3	165.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	7.0	253.4	1.3	157.6	0.0
4/25/2016 18:35	0.5	20.1	8.6	359.5	1.7	161.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	8.4	354.7	1.7	154.2	0.0
4/25/2016 18:36	0.5	20.1	8.9	357.5	1.9	150.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	8.7	352.7	2.0	143.7	0.0
4/25/2016 18:37	0.5	20.2	8.3	346.0	1.7	159.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	8.1	341.0	1.8	151.9	0.0
4/25/2016 18:38	0.6	20.1	9.6	344.5	1.8	156.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.3	9.4	339.5	1.9	149.0	0.0
4/25/2016 18:39	0.6	20.1	8.9	349.0	1.8	153.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.3	8.7	344.1	1.9	146.6	0.0
4/25/2016 18:40	0.6	20.1	10.0	340.5	1.8	150.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.3	9.8	335.4	1.9	143.7	0.0
4/25/2016 18:41	0.7	19.9	12.1	356.5	2.3	137.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.1	11.9	351.7	2.4	130.9	0.0
4/25/2016 18:42	0.6	20.1	10.7	326.0	1.9	129.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.3	10.5	320.8	2.0	123.7	0.0
4/25/2016 18:43	0.6	20.1	9.1	293.0	1.8	128.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	8.9	287.3	1.9	122.8	0.0
4/25/2016 18:44	0.6	20.2	8.5	283.5	1.6	153.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	8.3	277.7	1.7	146.1	0.0
4/25/2016 18:45	0.6	20.1	9.3	318.5	1.7	146.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.3	9.1	313.2	1.8	139.9	0.0
4/25/2016 18:46	0.5	20.4	6.8	292.0	1.4	130.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.6	6.6	286.3	1.4	124.7	0.0
4/25/2016 18:47	0.5	20.3	6.9	264.5	1.4	113.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	6.7	258.4	1.4	108.4	0.0
4/25/2016 18:48	0.4	20.4	6.2	239.0	1.2	129.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.0	232.6	1.2	123.2	0.0
4/25/2016 18:49	0.5	20.3	7.7	266.0	1.4	141.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	7.5	259.9	1.5	135.2	0.0
4/25/2016 18:50	0.7	20.1	8.9	305.5	1.8	127.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.4	8.7	300.0	1.8	121.8	0.0
4/25/2016 18:51	0.7	20.1	11.0	299.5	1.9	140.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.3	10.8	293.9	2.0	134.2	0.0
4/25/2016 18:52	0.9	19.9	12.1	352.5	2.8	116.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.8	20.1	11.9	347.6	2.9	110.8	0.0
4/25/2016 18:53	1.0	19.6	16.0	358.5	3.6	121.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.9	19.9	15.8	353.7	3.8	116.1	0.0
4/25/2016 18:54	1.0	19.7	15.5	401.0	3.6	126.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.9	19.9	15.4	396.8	3.8	120.4	0.0
4/25/2016 18:55	0.9	20.0	12.3	373.0	2.9	122.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.8	20.2	12.1	368.4	3.1	117.0	0.0
4/25/2016 18:56	0.8	20.0	12.5	372.5	2.9	148.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.7	20.3	12.4	367.9	3.1	141.8	0.0
4/25/2016 18:57	0.8	20.0	12.6	401.0	3.1	152.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.7	20.2	12.4	396.8	3.3	145.7	0.0
4/25/2016 18:58	0.8	20.0	11.4	377.5	3.2	131.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.7	20.3	11.2	372.9	3.4	125.1	0.0
4/25/2016 18:59	0.7	20.2	10.3	311.5	4.4	132.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.4	10.1	306.1	4.7	126.6	0.0
4/25/2016 19:00	0.7	20.1	10.4	323.0	5.1	75.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.3	10.2	317.7	5.5	71.7	0.0
4/25/2016 19:01	0.6	20.4	8.4	198.5	3.0	59.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.6	8.2	191.5	3.2	56.9	0.0
4/25/2016 19:02	0.6	20.3	9.2	147.5	4.2	68.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.5	9.0	139.9	4.5	65.5	0.0
4/25/2016 19:03	0.6	20.2	9.2	179.5	6.4	110.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.5	9.0	172.3	6.9	105.1	0.0
4/25/2016 19:04	0.8	20.1	10.7	306.5	8.4	137.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.7	20.3	10.5	301.0	9.0	130.9	0.0
4/25/2016 19:05	0.7	20.1	10.4	337.5	8.5	128.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.3	10.2	332.4	9.1	122.8	0.0
4/25/2016 19:06	0.7	20.2	9.4	302.0	6.9	111.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.4	9.2	296.4	7.4	106.1	0.0
4/25/2016 19:07	0.7	20.1	10.2	268.0	4.8	97.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.4	10.0	262.0	5.2	93.2	0.0
4/25/2016 19:08	1.0	19.7	14.3	336.5	5.8	155.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.9	20.0	14.2	331.4	6.2	148.5	0.0
4/25/2016 19:09	1.1	19.8	13.0	444.0	5.2	139.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	1.0	20.0	12.9	440.3	5.6	132.8	0.0
4/25/2016 19:10	1.0	19.9	12.5	405.0	4.4	131.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.9	20.1	12.4	400.8	4.8	125.6	0.0
4/25/2016 19:11	0.8	20.1	11.1	339.5	3.0	116.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.7	20.3	10.9	334.4	3.2	111.3	0.0
4/25/2016 19:12	1.0	19.9	12.8	351.0	3.6	122.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.9	20.1	12.7	346.1	3.8	117.0	0.0
4/25/2016 19:13	0.9	19.9	14.3	380.5	3.8	185.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.8	20.1	14.1	376.0	4.0	176.7	0.0
4/25/2016 19:14	1.1	19.8	14.2	487.0	4.0	190.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	1.0	20.0	14.0	483.9	4.3	181.4	0.0
4/25/2016 19:15	0.9	20.0	11.1	455.5	3.2	154.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.8	20.3	10.9	452.0	3.4	147.6	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/25/2016 19:16	0.8	20.0	12.0	417.0	3.1	198.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.7	20.2	11.8	413.0	3.3	189.1	0.0
4/25/2016 19:17	0.9	19.9	13.8	449.0	3.7	211.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.8	20.1	13.6	445.4	4.0	201.5	0.0
4/25/2016 19:18	1.0	19.8	12.9	494.0	3.9	188.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.9	20.1	12.8	491.0	4.2	179.5	0.0
4/25/2016 19:19	0.8	20.1	10.5	437.5	2.9	168.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.7	20.3	10.3	433.8	3.0	160.4	0.0
4/25/2016 19:20	0.6	20.2	9.2	346.0	2.3	159.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.5	9.0	341.0	2.4	151.9	0.0
4/25/2016 19:21	0.7	20.1	10.5	366.0	2.5	229.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.3	10.3	361.3	2.7	219.1	0.0
4/25/2016 19:22	0.8	20.0	10.4	455.5	3.1	172.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.7	20.3	10.2	452.0	3.3	164.3	0.0
4/25/2016 19:23	0.6	20.2	8.4	368.0	2.5	148.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.5	8.2	363.3	2.7	141.4	0.0
4/25/2016 19:24	0.6	20.3	8.2	310.0	2.7	152.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.5	8.0	304.5	2.8	145.2	0.0
4/25/2016 19:25	0.6	20.3	7.3	283.0	3.0	107.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.5	7.1	277.2	3.2	102.7	0.0
4/25/2016 19:26	0.5	20.4	7.3	214.5	2.3	107.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.6	7.1	207.8	2.5	102.7	0.0
4/25/2016 19:27	0.6	20.3	7.7	240.0	2.6	117.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.5	7.5	233.6	2.7	112.3	0.0
4/25/2016 19:28	0.6	20.2	9.5	273.5	3.7	117.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	9.3	267.5	3.9	111.8	0.0
4/25/2016 19:29	0.6	20.3	9.0	261.5	3.4	110.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.5	8.8	255.4	3.6	105.1	0.0
4/25/2016 19:30	0.5	20.3	8.6	239.5	3.3	104.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	8.4	233.1	3.5	99.9	0.0
4/25/2016 19:31	0.5	20.3	8.9	243.0	3.1	121.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	8.7	236.6	3.3	116.1	0.0
4/25/2016 19:32	0.5	20.3	7.8	270.0	2.2	130.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.6	7.6	264.0	2.3	124.7	0.0
4/25/2016 19:33	0.5	20.4	7.3	265.0	1.8	125.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.1	258.9	1.8	119.4	0.0
4/25/2016 19:34	0.5	20.3	7.5	257.5	1.7	132.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.3	251.3	1.7	126.6	0.0
4/25/2016 19:35	0.4	20.4	6.6	252.5	1.4	120.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.4	246.3	1.5	114.6	0.0
4/25/2016 19:36	0.4	20.4	6.8	242.0	1.4	129.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.6	235.6	1.5	123.2	0.0
4/25/2016 19:37	0.5	20.3	8.0	282.0	1.6	162.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	7.8	276.2	1.7	154.7	0.0
4/25/2016 19:38	0.5	20.4	6.7	296.5	1.5	127.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.5	290.9	1.5	121.8	0.0
4/25/2016 19:39	0.4	20.3	7.8	272.0	1.4	143.0	0.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.6	266.0	1.5	136.6	0.1
4/25/2016 19:40	0.5	20.3	8.4	296.0	1.7	142.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	8.2	290.4	1.8	135.6	0.0
4/25/2016 19:41	0.5	20.3	9.9	275.0	2.0	104.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	9.7	269.1	2.1	99.4	0.0
4/25/2016 19:42	0.7	20.0	13.6	293.5	3.6	151.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.6	20.2	13.5	287.8	3.8	144.7	0.0
4/25/2016 19:43	0.6	20.1	11.7	368.5	2.9	170.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	11.6	363.8	3.1	162.4	0.0
4/25/2016 19:44	0.6	20.1	11.6	393.5	2.6	162.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.3	11.5	389.2	2.7	155.2	0.0
4/25/2016 19:45	0.5	20.3	9.1	336.0	1.8	140.5	1.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	8.9	330.9	1.9	134.2	1.4
4/25/2016 19:46	0.6	20.1	11.2	330.0	2.1	180.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	11.0	324.8	2.2	171.9	0.0
4/25/2016 19:47	0.5	20.2	9.0	378.0	1.9	156.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	8.8	373.5	2.0	149.0	0.0
4/25/2016 19:48	0.4	20.4	6.7	320.0	1.4	140.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.5	314.7	1.5	134.2	0.0
4/25/2016 19:49	0.4	20.4	7.3	285.0	1.6	158.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.1	279.2	1.6	150.9	0.0
4/25/2016 19:50	0.4	20.4	6.0	277.5	1.4	126.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.8	271.6	1.4	120.8	0.0
4/25/2016 19:51	0.4	20.4	6.7	264.5	1.3	145.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.5	258.4	1.4	138.5	0.0
4/25/2016 19:52	0.5	20.3	8.4	325.0	1.6	170.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	8.2	319.7	1.7	162.8	0.0
4/25/2016 19:53	0.4	20.4	6.1	313.5	1.2	145.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	5.9	308.1	1.2	138.5	0.0
4/25/2016 19:54	0.4	20.4	6.5	286.5	1.2	157.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.3	280.7	1.2	149.9	0.3
4/25/2016 19:55	0.4	20.4	6.1	273.5	1.2	117.5	2.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	5.9	267.5	1.2	112.3	2.2
4/25/2016 19:56	0.3	20.5	5.6	204.0	1.0	100.0	1.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	5.4	197.1	1.0	95.6	1.7
4/25/2016 19:57	0.3	20.4	6.6	211.0	1.3	121.5	1.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.4	204.2	1.3	116.1	1.4
4/25/2016 19:58	0.4	20.4	8.1	249.0	1.5	124.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.9	242.7	1.6	118.9	0.0
4/25/2016 19:59	0.4	20.4	6.7	258.0	1.4	131.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.5	251.8	1.4	125.6	0.0
4/25/2016 20:00	0.4	20.3	7.7	276.0	1.4	136.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.5	270.1	1.5	130.4	0.0
4/25/2016 20:01	0.4	20.4	7.0	280.0	1.3	126.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.8	274.1	1.4	120.4	0.0
4/25/2016 20:02	0.4	20.3	9.3	287.5	1.6	162.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	9.1	281.7	1.7	155.2	0.0
4/25/2016 20:03	0.5	20.2	10.1	362.0	1.9	163.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	9.9	357.2	2.0	156.1	0.0
4/25/2016 20:04	0.4	20.4	7.1	308.0	1.3	136.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.9	302.5	1.4	130.4	0.0
4/25/2016 20:05	0.4	20.3	8.7	302.0	1.4	159.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	8.5	296.4	1.5	152.3	0.0
4/25/2016 20:06	0.4	20.3	7.7	317.0	1.4	124.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.5	311.6	1.4	118.5	0.0
4/25/2016 20:07	0.3	20.4	7.9	267.5	1.3	125.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.7	261.5	1.3	119.4	0.0
4/25/2016 20:08	0.4	20.2	10.5	296.0	1.9	157.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.4	10.3	290.4	2.0	150.4	0.0
4/25/2016 20:09	0.5	20.3	8.2	339.0	1.8	120.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	8.0	333.9	1.9	115.1	0.0
4/25/2016 20:10	0.3	20.4	7.5	260.5	1.3	124.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.3	254.4	1.4	118.5	0.0
4/25/2016 20:11	0.3	20.4	7.4	264.5	1.3	127.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.2	258.4	1.3	121.3	0.0
4/25/2016 20:12	0.3	20.4	7.0	266.0	1.2	142.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.8	259.9	1.2	135.6	0.0
4/25/2016 20:13	0.3	20.5	5.4	261.5	1.0	129.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	5.2	255.4	1.0	123.2	0.0
4/25/2016 20:14	0.2	20.5	5.2	233.5	0.8	106.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	5.0	227.0	0.8	101.3	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/25/2016 20:15	0.2	20.5	5.1	198.5	0.8	127.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	4.9	191.5	0.8	121.3	0.0
4/25/2016 20:16	0.2	20.5	5.6	219.0	0.9	108.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	5.4	212.3	0.9	103.2	0.0
4/25/2016 20:17	0.2	20.5	5.5	219.5	0.9	156.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	5.3	212.8	0.9	149.5	0.0
4/25/2016 20:18	0.3	20.5	5.1	266.0	0.9	115.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.9	259.9	0.9	110.3	0.0
4/25/2016 20:19	0.2	20.5	5.7	239.0	0.9	128.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	5.5	232.6	0.9	122.8	0.0
4/25/2016 20:20	0.2	20.5	5.1	247.0	0.9	141.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.9	240.7	0.9	134.7	0.0
4/25/2016 20:21	0.2	20.5	4.6	258.5	0.8	121.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.4	252.3	0.7	115.6	0.0
4/25/2016 20:22	0.2	20.5	4.9	230.5	0.7	116.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.7	224.0	0.7	111.3	0.0
4/25/2016 20:23	0.2	20.5	4.6	230.0	0.7	148.5	0.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.4	223.5	0.7	141.8	0.1
4/25/2016 20:24	0.3	20.4	5.4	284.0	0.8	162.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	5.2	278.2	0.8	154.7	0.0
4/25/2016 20:25	0.2	20.5	5.0	300.0	0.8	156.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.8	294.4	0.7	149.0	0.0
4/25/2016 20:26	0.3	20.4	6.4	350.5	0.9	177.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.2	345.6	0.9	169.5	0.0
4/25/2016 20:27	0.2	20.5	4.6	337.0	0.7	145.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.4	331.9	0.7	138.5	0.0
4/25/2016 20:28	0.2	20.6	3.9	246.5	0.6	122.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.8	3.7	240.2	0.6	116.6	0.0
4/25/2016 20:29	0.2	20.6	4.2	221.5	0.6	144.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.8	4.0	214.8	0.6	138.0	0.0
4/25/2016 20:30	0.2	20.5	4.8	251.0	0.7	135.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.6	244.7	0.7	129.0	0.0
4/25/2016 20:31	0.2	20.5	4.7	268.0	0.7	152.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.5	262.0	0.7	145.2	0.0
4/25/2016 20:32	0.2	20.6	3.7	268.0	0.6	142.0	0.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.5	262.0	0.6	135.6	0.1
4/25/2016 20:33	0.2	20.5	4.0	267.5	0.5	154.5	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.8	261.5	0.5	147.6	0.2
4/25/2016 20:34	0.2	20.6	3.4	263.5	0.5	150.5	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.2	257.4	0.5	143.7	0.2
4/25/2016 20:35	0.2	20.6	3.6	274.5	0.5	147.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.4	268.6	0.5	140.9	0.4
4/25/2016 20:36	0.2	20.6	3.5	259.0	0.5	153.5	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.3	252.9	0.5	146.6	0.2
4/25/2016 20:37	0.2	20.5	4.1	267.5	0.5	155.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	3.9	261.5	0.5	148.0	0.2
4/25/2016 20:38	0.2	20.5	4.2	274.5	0.5	145.5	0.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.0	268.6	0.5	139.0	0.1
4/25/2016 20:39	0.2	20.5	4.8	285.0	0.5	154.5	0.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.6	279.2	0.5	147.6	0.1
4/25/2016 20:40	0.3	20.4	6.3	306.0	0.7	156.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.6	6.1	300.5	0.6	149.0	0.0
4/25/2016 20:41	0.3	20.4	6.6	301.0	0.8	136.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.4	295.4	0.8	130.4	0.0
4/25/2016 20:42	0.3	20.4	7.3	277.0	0.9	120.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.1	271.1	0.9	114.6	0.0
4/25/2016 20:43	0.3	20.4	8.9	262.5	1.0	146.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	8.7	256.4	1.0	139.9	0.0
4/25/2016 20:44	0.4	20.3	8.5	277.5	1.1	100.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	8.3	271.6	1.1	96.0	0.0
4/25/2016 20:45	0.2	20.5	6.0	206.5	0.9	77.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	5.8	199.6	0.9	73.6	0.0
4/25/2016 20:46	0.2	20.5	6.4	164.5	0.8	84.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	6.2	157.1	0.7	80.3	0.0
4/25/2016 20:47	0.2	20.5	5.6	164.0	0.7	80.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	5.4	156.6	0.7	77.0	0.0
4/25/2016 20:48	0.2	20.5	4.7	145.5	0.6	64.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	4.5	137.8	0.6	61.2	0.0
4/25/2016 20:49	0.2	20.5	4.7	117.5	0.6	66.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.8	4.5	109.5	0.5	63.1	0.0
4/25/2016 20:50	0.3	20.4	6.7	152.5	0.7	85.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.6	6.5	144.9	0.7	81.7	0.0
4/25/2016 20:51	0.3	20.4	6.2	187.5	0.8	80.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.0	180.4	0.7	76.5	0.0
4/25/2016 20:52	0.3	20.4	6.6	194.5	0.8	91.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.4	187.5	0.7	87.4	0.0
4/25/2016 20:53	0.2	20.5	4.9	181.0	0.6	78.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.7	173.8	0.6	75.0	0.0
4/25/2016 20:54	0.3	20.4	6.3	172.5	0.7	91.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	6.1	165.2	0.7	87.0	0.0
4/25/2016 20:55	0.4	20.3	8.0	229.5	1.0	138.5	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.8	223.0	1.0	132.3	0.3
4/25/2016 20:56	0.4	20.3	7.0	310.0	1.0	88.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.8	304.5	1.1	84.1	0.4
4/25/2016 20:57	0.3	20.4	8.2	232.5	0.9	126.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	8.0	226.0	0.9	120.8	0.0
4/25/2016 20:58	0.5	20.3	8.7	301.5	1.1	132.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	8.5	295.9	1.1	126.6	0.0
4/25/2016 20:59	0.4	20.3	8.5	322.0	1.0	152.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	8.3	316.7	1.0	145.7	0.0
4/25/2016 21:00	0.4	20.3	7.3	339.0	0.9	146.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.1	333.9	0.9	139.9	0.0
4/25/2016 21:01	0.4	20.4	6.8	327.5	0.8	149.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.6	322.3	0.7	142.8	0.0
4/25/2016 21:02	0.4	20.3	7.8	325.5	0.8	147.0	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.6	320.2	0.8	140.4	0.4
4/25/2016 21:03	0.5	20.3	7.7	330.5	0.9	134.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.5	325.3	0.9	128.0	0.0
4/25/2016 21:04	0.4	20.4	8.1	305.0	0.8	180.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.9	299.5	0.8	171.9	0.0
4/25/2016 21:05	0.6	20.2	9.7	419.0	1.2	180.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	9.5	415.0	1.2	172.4	0.0
4/25/2016 21:06	0.5	20.3	8.1	406.5	1.0	162.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	7.9	402.3	1.0	154.7	0.0
4/25/2016 21:07	0.4	20.4	7.6	352.0	0.9	148.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.4	347.1	0.9	141.8	0.0
4/25/2016 21:08	0.4	20.4	7.0	327.0	0.8	162.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.8	321.8	0.8	155.2	0.0
4/25/2016 21:09	0.4	20.4	6.9	336.5	0.8	177.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.7	331.4	0.7	169.5	0.0
4/25/2016 21:10	0.4	20.3	7.3	368.0	0.8	155.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.1	363.3	0.8	148.0	0.0
4/25/2016 21:11	0.4	20.4	6.7	345.5	0.7	191.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.5	340.5	0.7	182.4	0.0
4/25/2016 21:12	0.4	20.4	5.9	368.5	0.7	158.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.7	363.8	0.7	150.9	0.0
4/25/2016 21:13	0.3	20.5	6.2	304.5	0.6	179.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	6.0	299.0	0.6	171.4	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/25/2016 21:14	0.5	20.3	9.0	367.5	0.9	174.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	8.8	362.8	0.9	166.6	0.0
4/25/2016 21:15	0.5	20.2	9.5	370.5	1.4	143.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	9.3	365.9	1.5	137.1	0.0
4/25/2016 21:16	0.5	20.3	8.0	311.5	2.0	109.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	7.8	306.1	2.1	104.6	0.0
4/25/2016 21:17	0.5	20.2	9.8	259.5	2.0	135.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	9.6	253.4	2.2	129.0	0.0
4/25/2016 21:18	0.6	20.2	10.0	299.5	2.3	135.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	9.8	293.9	2.4	129.0	0.0
4/25/2016 21:19	0.5	20.2	10.2	304.0	2.0	131.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	10.0	298.5	2.2	125.6	0.0
4/25/2016 21:20	0.5	20.2	8.8	289.0	2.0	107.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	8.6	283.3	2.1	102.2	0.0
4/25/2016 21:21	0.4	20.3	7.3	245.0	1.6	78.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.1	238.7	1.6	74.6	0.0
4/25/2016 21:22	0.3	20.5	6.4	157.5	1.0	89.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	6.2	150.0	1.1	85.5	0.0
4/25/2016 21:23	0.5	20.2	8.7	224.5	1.8	89.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	8.5	217.9	1.9	85.5	0.0
4/25/2016 21:24	0.4	20.5	5.7	191.5	1.2	47.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	5.5	184.4	1.2	45.5	0.0
4/25/2016 21:25	0.3	20.5	4.7	103.5	0.9	44.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.5	95.3	0.9	42.1	0.0
4/25/2016 21:26	0.4	20.4	6.5	121.0	0.9	62.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.3	113.0	0.9	59.8	0.0
4/25/2016 21:27	0.3	20.4	5.5	142.5	0.8	63.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	5.3	134.8	0.8	60.7	0.0
4/25/2016 21:28	0.4	20.3	6.7	160.5	1.1	64.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.5	153.0	1.1	61.2	0.0
4/25/2016 21:29	0.3	20.5	5.0	154.5	0.9	54.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.8	146.9	0.9	52.1	0.0
4/25/2016 21:30	0.4	20.3	7.6	158.5	0.9	115.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	7.4	151.0	0.9	110.3	0.0
4/25/2016 21:31	0.6	20.2	8.3	265.5	1.3	93.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	8.1	259.4	1.3	89.4	0.0
4/25/2016 21:32	0.5	20.3	7.2	235.0	1.1	84.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	7.0	228.5	1.1	80.8	0.0
4/25/2016 21:33	0.4	20.4	6.8	192.5	0.9	96.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.6	185.5	0.9	92.2	0.0
4/25/2016 21:34	0.6	20.2	8.5	255.0	1.2	126.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	8.3	248.8	1.3	120.8	0.0
4/25/2016 21:35	0.6	20.1	8.9	318.0	1.3	155.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	8.7	312.6	1.4	148.5	0.0
4/25/2016 21:36	0.5	20.2	7.5	325.0	1.2	114.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	7.3	319.7	1.2	109.4	0.0
4/25/2016 21:37	0.5	20.3	7.4	259.5	1.0	106.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	7.2	253.4	1.1	101.8	0.0
4/25/2016 21:38	0.5	20.3	7.5	222.5	1.1	101.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	7.3	215.9	1.1	96.5	0.0
4/25/2016 21:39	0.6	20.2	8.3	249.0	1.2	143.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	8.1	242.7	1.2	137.1	0.0
4/25/2016 21:40	0.6	20.2	8.4	312.5	1.2	144.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.5	20.4	8.2	307.1	1.2	138.0	0.0
4/25/2016 21:41	0.5	20.2	7.9	316.5	1.2	139.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	7.7	311.1	1.2	133.2	0.0
4/25/2016 21:42	0.5	20.3	7.4	298.5	1.0	166.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	7.2	292.9	1.1	159.0	0.0
4/25/2016 21:43	0.5	20.2	7.9	327.0	1.1	199.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.5	7.7	321.8	1.1	190.5	0.0
4/25/2016 21:44	0.6	20.2	8.1	379.5	1.2	175.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.4	20.4	7.9	375.0	1.2	167.6	0.0
4/25/2016 21:45	0.4	20.4	6.5	298.5	0.9	114.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.3	292.9	0.9	108.9	0.0
4/25/2016 21:46	0.4	20.4	6.0	209.5	0.8	119.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.8	202.7	0.8	113.7	0.0
4/25/2016 21:47	0.4	20.4	6.2	211.5	0.9	112.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.0	204.7	0.9	107.0	0.0
4/25/2016 21:48	0.4	20.4	5.3	201.5	0.8	115.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.7	5.1	194.6	0.7	110.3	0.0
4/25/2016 21:49	0.4	20.4	6.1	217.5	0.8	144.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.9	210.8	0.8	137.5	0.0
4/25/2016 21:50	0.5	20.4	6.1	277.5	0.9	144.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.9	271.6	0.9	137.5	0.0
4/25/2016 21:51	0.4	20.4	6.0	256.0	0.8	126.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.8	249.8	0.8	120.4	0.0
4/25/2016 21:52	0.4	20.4	6.4	229.5	0.9	121.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.2	223.0	0.9	116.1	0.0
4/25/2016 21:53	0.4	20.4	6.2	246.0	0.9	142.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.0	239.7	0.9	135.6	0.0
4/25/2016 21:54	0.4	20.4	5.4	233.0	0.8	126.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.7	5.2	226.5	0.8	120.4	0.0
4/25/2016 21:55	0.4	20.4	5.9	239.5	0.8	131.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.7	233.1	0.8	125.6	0.0
4/25/2016 21:56	0.4	20.5	5.1	243.0	0.7	130.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.9	236.6	0.7	124.7	0.0
4/25/2016 21:57	0.3	20.5	4.2	198.0	0.6	106.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	4.0	191.0	0.6	101.3	0.0
4/25/2016 21:58	0.4	20.4	6.0	212.5	0.8	152.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	5.8	205.7	0.7	145.7	0.0
4/25/2016 21:59	0.4	20.4	6.0	270.5	0.9	138.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.8	264.5	0.9	131.8	0.0
4/25/2016 22:00	0.4	20.4	6.0	252.5	0.8	133.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.8	246.3	0.8	127.0	0.0
4/25/2016 22:01	0.4	20.4	5.8	243.5	0.9	120.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	5.6	237.1	0.9	115.1	0.0
4/25/2016 22:02	0.4	20.4	6.3	243.5	0.9	136.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.1	237.1	0.9	129.9	0.0
4/25/2016 22:03	0.4	20.4	5.7	241.5	0.9	101.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	5.5	235.1	0.9	97.0	0.0
4/25/2016 22:04	0.3	20.4	5.9	201.5	0.8	120.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	5.7	194.6	0.8	114.6	0.0
4/25/2016 22:05	0.4	20.3	7.3	254.5	1.0	163.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.1	248.3	1.0	156.1	0.0
4/25/2016 22:06	0.4	20.4	7.1	285.0	1.1	122.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	6.9	279.2	1.1	117.0	0.0
4/25/2016 22:07	0.4	20.4	7.3	242.0	1.1	137.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.1	235.6	1.1	130.9	0.0
4/25/2016 22:08	0.4	20.3	7.6	269.0	1.2	151.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	7.4	263.0	1.2	144.7	0.0
4/25/2016 22:09	0.4	20.3	8.2	313.0	1.2	199.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	8.0	307.6	1.3	190.0	0.0
4/25/2016 22:10	0.4	20.3	8.2	364.0	1.3	159.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	8.0	359.3	1.3	151.9	0.0
4/25/2016 22:11	0.4	20.4	7.9	299.0	1.2	130.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.7	293.4	1.2	124.2	0.0
4/25/2016 22:12	0.4	20.3	8.2	263.5	1.2	130.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.6	8.0	257.4	1.3	124.2	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/25/2016 22:13	0.3	20.4	7.2	258.5	1.1	133.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.0	252.3	1.1	127.5	0.0
4/25/2016 22:14	0.3	20.4	6.8	267.0	1.0	152.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.6	261.0	1.0	145.7	0.0
4/25/2016 22:15	0.3	20.4	6.5	280.0	1.0	149.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.3	274.1	1.0	142.3	0.0
4/25/2016 22:16	0.3	20.4	7.2	294.5	1.0	156.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.0	288.8	1.1	149.5	0.0
4/25/2016 22:17	0.4	20.3	7.9	314.0	1.2	155.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	7.7	308.6	1.2	148.5	0.0
4/25/2016 22:18	0.4	20.4	7.2	296.5	1.1	142.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.0	290.9	1.1	135.6	0.0
4/25/2016 22:19	0.4	20.3	7.4	302.0	1.1	172.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.5	7.2	296.4	1.1	164.3	0.0
4/25/2016 22:20	0.3	20.4	6.9	325.5	1.1	158.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.7	320.2	1.1	151.4	0.0
4/25/2016 22:21	0.4	20.3	7.5	313.0	1.1	156.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.3	307.6	1.1	149.5	0.0
4/25/2016 22:22	0.4	20.3	7.5	332.5	1.2	176.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.3	327.3	1.2	168.6	0.0
4/25/2016 22:23	0.4	20.4	7.0	348.0	1.2	185.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.8	343.0	1.2	176.7	0.0
4/25/2016 22:24	0.4	20.3	7.8	367.5	1.2	189.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.5	7.6	362.8	1.3	181.0	0.0
4/25/2016 22:25	0.4	20.3	8.3	380.0	1.3	196.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.5	8.1	375.5	1.3	187.6	0.0
4/25/2016 22:26	0.4	20.4	7.4	367.5	1.2	158.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.2	362.8	1.2	151.4	0.0
4/25/2016 22:27	0.4	20.3	7.9	310.0	1.2	143.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	7.7	304.5	1.2	137.1	0.0
4/25/2016 22:28	0.3	20.5	5.8	241.5	0.9	106.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	5.6	235.1	0.9	101.3	0.0
4/25/2016 22:29	0.3	20.4	6.8	210.5	1.0	139.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	6.6	203.7	1.0	132.8	0.0
4/25/2016 22:30	0.3	20.4	6.0	250.5	1.0	109.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	5.8	244.2	1.0	104.1	0.0
4/25/2016 22:31	0.2	20.5	5.6	204.0	0.8	114.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	5.4	197.1	0.8	109.4	0.0
4/25/2016 22:32	0.2	20.5	4.8	186.5	0.8	96.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.6	179.4	0.7	92.2	0.0
4/25/2016 22:33	0.2	20.5	4.4	164.0	0.7	79.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	4.2	156.6	0.6	76.0	0.0
4/25/2016 22:34	0.2	20.5	4.2	138.0	0.6	74.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	4.0	130.2	0.6	71.2	0.0
4/25/2016 22:35	0.2	20.6	3.3	113.0	0.5	63.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.8	3.1	104.9	0.5	60.7	0.0
4/25/2016 22:36	0.2	20.6	3.2	104.0	0.5	49.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.8	3.0	95.8	0.5	46.9	0.0
4/25/2016 22:37	0.1	20.6	2.4	71.5	0.3	57.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.9	2.2	62.8	0.3	55.0	0.0
4/25/2016 22:38	0.2	20.6	3.2	100.0	0.5	53.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.8	3.0	91.7	0.4	51.2	0.0
4/25/2016 22:39	0.1	20.6	2.7	87.5	0.3	59.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.9	2.5	79.0	0.3	56.4	0.0
4/25/2016 22:40	0.2	20.6	3.7	111.5	0.4	104.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.8	3.5	103.4	0.4	99.9	0.0
4/25/2016 22:41	0.3	20.5	4.6	206.0	0.6	85.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.4	199.1	0.5	81.7	0.0
4/25/2016 22:42	0.2	20.5	4.3	159.5	0.5	77.5	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	4.1	152.0	0.5	74.1	0.0
4/25/2016 22:43	0.2	20.5	4.4	155.0	0.5	101.0	0.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.2	147.5	0.5	96.5	0.0
4/25/2016 22:44	0.2	20.5	4.8	202.5	0.5	130.0	0.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.6	195.6	0.5	124.2	0.6
4/25/2016 22:45	0.3	20.4	5.1	249.5	0.6	123.0	1.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.9	243.2	0.6	117.5	1.7
4/25/2016 22:46	0.3	20.5	5.3	255.0	0.6	136.5	3.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	5.1	248.8	0.5	130.4	3.8
4/25/2016 22:47	0.3	20.4	5.8	258.0	0.6	134.5	6.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.6	5.6	251.8	0.6	128.5	6.6
4/25/2016 22:48	0.2	20.5	4.5	229.5	0.6	90.0	8.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.3	223.0	0.5	86.0	9.6
4/25/2016 22:49	0.3	20.5	5.2	191.5	0.5	115.5	10.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	5.0	184.4	0.5	110.3	11.1
4/25/2016 22:50	0.2	20.5	4.6	214.0	0.5	144.0	11.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.4	207.2	0.5	137.5	12.6
4/25/2016 22:51	0.3	20.4	5.1	274.0	0.6	140.5	13.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.9	268.1	0.6	134.2	14.7
4/25/2016 22:52	0.3	20.5	4.7	283.5	0.6	151.5	13.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.5	277.7	0.5	144.7	14.6
4/25/2016 22:53	0.3	20.4	5.1	286.5	0.6	145.5	13.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.9	280.7	0.5	139.0	14.3
4/25/2016 22:54	0.3	20.5	4.8	271.5	0.5	127.0	12.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.6	265.5	0.5	121.3	14.1
4/25/2016 22:55	0.2	20.5	4.0	229.0	0.5	93.5	12.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	3.8	222.4	0.4	89.4	13.5
4/25/2016 22:56	0.1	20.7	2.1	131.0	0.3	45.0	10.8	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.9	1.9	123.1	0.3	43.1	11.9
4/25/2016 22:57	0.1	20.7	1.5	49.0	0.2	36.5	9.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	-0.1	20.9	1.3	40.0	0.2	35.0	10.1
4/25/2016 22:58	0.1	20.6	3.4	80.5	0.3	114.5	9.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.8	3.2	72.0	0.3	109.4	9.8
4/25/2016 22:59	0.3	20.5	4.2	196.0	0.5	81.0	11.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.0	189.0	0.5	77.4	12.1
4/25/2016 23:00	0.2	20.5	4.0	168.5	0.4	88.5	10.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	3.8	161.1	0.4	84.6	11.7
4/25/2016 23:01	0.2	20.5	3.8	161.5	0.4	111.0	10.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.8	3.6	154.0	0.4	106.1	11.6
4/25/2016 23:02	0.2	20.6	3.1	188.5	0.4	65.0	11.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	2.9	181.4	0.4	62.2	12.2
4/25/2016 23:03	0.1	20.6	2.1	102.0	0.3	83.0	9.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.9	1.9	93.7	0.2	79.3	10.8
4/25/2016 23:04	0.2	20.5	3.4	146.5	0.3	91.5	10.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	3.2	138.8	0.3	87.4	11.5
4/25/2016 23:05	0.2	20.5	3.7	190.0	0.3	125.0	11.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	3.5	182.9	0.3	119.4	12.2
4/25/2016 23:06	0.3	20.4	4.1	240.0	0.4	124.5	12.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	3.9	233.6	0.4	118.9	13.5
4/25/2016 23:07	0.2	20.5	3.7	216.0	0.3	73.5	12.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	3.5	209.3	0.3	70.3	13.6
4/25/2016 23:08	0.2	20.6	3.7	138.5	0.3	102.0	11.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.8	3.5	130.7	0.3	97.5	12.2
4/25/2016 23:09	0.3	20.5	4.6	187.5	0.4	114.5	12.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.4	180.4	0.4	109.4	13.5
4/25/2016 23:10	0.2	20.5	4.4	200.0	0.4	107.0	13.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.2	193.1	0.4	102.2	14.2
4/25/2016 23:11	0.3	20.5	4.4	206.0	0.4	113.5	12.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.2	199.1	0.4	108.4	14.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/25/2016 23:12	0.2	20.6	3.4	188.5	0.3	105.5	12.8	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.2	181.4	0.3	100.8	14.1
4/25/2016 23:13	0.3	20.5	4.4	194.5	0.3	130.0	12.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	4.2	187.5	0.3	124.2	13.8
4/25/2016 23:14	0.3	20.5	4.4	240.5	0.4	122.5	13.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.2	234.1	0.3	117.0	14.9
4/25/2016 23:15	0.2	20.5	3.4	217.0	0.3	123.5	13.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.2	210.3	0.3	118.0	14.5
4/25/2016 23:16	0.3	20.5	3.9	230.5	0.3	145.0	13.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.7	3.7	224.0	0.3	138.5	14.7
4/25/2016 23:17	0.3	20.5	3.7	256.0	0.3	135.0	13.8	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	3.5	249.8	0.3	129.0	15.1
4/25/2016 23:18	0.3	20.5	3.5	231.5	0.3	124.0	13.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.3	225.0	0.2	118.5	14.9
4/25/2016 23:19	0.2	20.6	2.4	188.5	0.3	83.0	13.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	2.2	181.4	0.2	79.3	14.3
4/25/2016 23:20	0.2	20.6	2.7	149.5	0.3	82.0	11.8	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	2.5	141.9	0.2	78.4	12.9
4/25/2016 23:21	0.2	20.6	3.3	142.5	0.3	88.0	11.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.1	134.8	0.2	84.1	12.8
4/25/2016 23:22	0.3	20.6	2.9	136.5	0.3	48.0	11.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	2.7	128.7	0.2	45.9	12.6
4/25/2016 23:23	0.2	20.6	3.6	119.5	0.3	91.5	10.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.4	111.5	0.2	87.4	11.5
4/25/2016 23:24	0.3	20.5	3.5	182.0	0.3	131.5	11.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.3	174.8	0.2	125.6	12.3
4/25/2016 23:25	0.3	20.5	3.7	256.5	0.3	170.0	12.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	3.5	250.3	0.2	162.4	13.9
4/25/2016 23:26	0.3	20.6	2.9	258.5	0.3	56.0	13.8	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	2.7	252.3	0.2	53.6	15.1
4/25/2016 23:27	0.2	20.6	2.2	99.5	0.2	46.0	11.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.0	20.9	2.0	91.2	0.1	44.0	12.1
4/25/2016 23:28	0.2	20.7	1.7	54.0	0.2	35.0	9.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.5	45.1	0.1	33.5	10.5
4/25/2016 23:29	0.2	20.6	3.3	67.5	0.2	63.5	9.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.1	58.8	0.2	60.7	9.9
4/25/2016 23:30	0.3	20.5	3.3	125.0	0.3	65.5	9.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	3.1	117.1	0.2	62.6	10.8
4/25/2016 23:31	0.3	20.6	3.3	106.5	0.3	59.5	10.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.1	98.3	0.2	56.9	11.1
4/25/2016 23:32	0.3	20.5	4.0	109.0	0.3	55.5	10.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	3.8	100.8	0.2	53.1	11.3
4/25/2016 23:33	0.3	20.6	3.7	99.0	0.3	51.0	10.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	3.5	90.7	0.2	48.8	11.3
4/25/2016 23:34	0.3	20.6	3.5	90.0	0.3	52.5	10.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	3.3	81.6	0.2	50.2	10.9
4/25/2016 23:35	0.3	20.5	4.4	105.5	0.3	62.5	9.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.2	97.3	0.2	59.8	10.9
4/25/2016 23:36	0.3	20.6	3.4	106.5	0.3	45.0	9.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	3.2	98.3	0.2	43.1	10.9
4/25/2016 23:37	0.3	20.6	3.4	84.0	0.3	47.5	9.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	3.2	75.5	0.2	45.5	10.1
4/25/2016 23:38	0.3	20.6	3.1	80.5	0.2	40.0	9.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	2.9	72.0	0.2	38.3	9.9
4/25/2016 23:39	0.3	20.6	2.8	69.0	0.2	39.0	8.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	2.6	60.3	0.1	37.4	9.4
4/25/2016 23:40	0.3	20.6	2.3	61.5	0.2	29.5	8.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	2.1	52.7	0.1	28.3	9.2
4/25/2016 23:41	0.2	20.6	1.8	44.5	0.2	25.5	7.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.6	35.5	0.1	24.5	8.4
4/25/2016 23:42	0.2	20.6	1.8	37.0	0.1	23.0	7.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.6	27.9	0.1	22.1	7.9
4/25/2016 23:43	0.2	20.7	1.7	36.0	0.1	30.0	6.8	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.5	26.9	0.1	28.8	7.5
4/25/2016 23:44	0.2	20.6	1.7	48.5	0.1	23.5	7.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.5	39.5	0.1	22.6	7.6
4/25/2016 23:45	0.2	20.6	2.1	45.5	0.1	41.0	6.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.9	36.5	0.1	39.3	7.5
4/25/2016 23:46	0.3	20.5	3.4	94.0	0.2	74.5	7.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	3.2	85.6	0.1	71.2	8.4
4/25/2016 23:47	0.4	20.5	3.9	156.0	0.3	84.0	9.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	3.7	148.5	0.2	80.3	10.1
4/25/2016 23:48	0.3	20.5	3.6	161.0	0.3	77.0	9.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	3.4	153.5	0.2	73.6	10.5
4/25/2016 23:49	0.3	20.5	4.0	167.0	0.3	95.0	9.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	3.8	159.6	0.2	90.8	10.6
4/25/2016 23:50	0.4	20.5	4.3	188.5	0.3	116.0	9.8	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.1	181.4	0.2	110.8	10.8
4/25/2016 23:51	0.4	20.5	3.9	209.5	0.3	93.0	10.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	3.7	202.7	0.2	88.9	11.0
4/25/2016 23:52	0.3	20.5	4.3	187.0	0.3	110.5	8.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	4.1	179.9	0.2	105.6	9.5
4/25/2016 23:53	0.4	20.4	5.2	206.5	0.3	92.0	7.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	5.0	199.6	0.3	87.9	8.2
4/25/2016 23:54	0.3	20.5	3.9	184.0	0.3	87.5	6.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	3.7	176.8	0.3	83.6	7.3
4/25/2016 23:55	0.3	20.6	3.4	148.0	0.3	71.0	5.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.2	140.4	0.2	67.9	6.5
4/25/2016 23:56	0.3	20.6	3.5	139.5	0.3	85.5	5.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	3.3	131.7	0.2	81.7	5.8
4/25/2016 23:57	0.3	20.5	3.6	151.5	0.3	94.0	4.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	3.4	143.9	0.2	89.8	5.2
4/25/2016 23:58	0.3	20.5	3.9	172.5	0.3	87.5	4.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.7	3.7	165.2	0.2	83.6	4.6
4/25/2016 23:59	0.3	20.6	3.4	158.5	0.3	71.5	3.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	3.2	151.0	0.2	68.4	4.3
4/26/2016 0:00	0.2	20.6	2.4	106.5	0.2	45.5	3.8	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	2.2	98.3	0.1	43.6	4.2
4/26/2016 0:01	0.2	20.6	2.2	76.0	0.2	42.5	3.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	2.0	67.4	0.1	40.7	3.8
4/26/2016 0:02	0.2	20.6	1.9	64.0	0.2	41.5	3.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.7	55.2	0.1	39.7	3.6
4/26/2016 0:03	0.2	20.6	2.0	73.5	0.2	46.5	3.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.8	64.9	0.1	44.5	3.2
4/26/2016 0:04	0.2	20.6	2.1	82.0	0.2	62.0	2.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.9	73.5	0.1	59.3	2.9
4/26/2016 0:05	0.2	20.6	1.9	99.0	0.2	44.0	2.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.7	90.7	0.1	42.1	2.7
4/26/2016 0:06	0.2	20.6	2.0	79.5	0.2	46.0	2.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.8	70.9	0.1	44.0	2.6
4/26/2016 0:07	0.2	20.6	2.0	81.0	0.2	42.0	2.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.8	1.8	72.5	0.1	40.2	2.3
4/26/2016 0:08	0.2	20.6	1.9	75.0	0.2	36.5	2.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.7	66.4	0.1	35.0	2.1
4/26/2016 0:09	0.2	20.6	1.9	69.0	0.1	37.0	1.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.7	60.3	0.1	35.4	2.0
4/26/2016 0:10	0.2	20.6	1.5	62.5	0.1	27.5	1.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.3	53.7	0.1	26.4	1.9

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/26/2016 0:11	0.2	20.6	1.6	52.5	0.1	33.5	1.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.4	43.6	0.0	32.1	1.8
4/26/2016 0:12	0.2	20.6	1.7	64.0	0.1	35.5	1.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.5	55.2	0.1	34.0	1.6
4/26/2016 0:13	0.2	20.6	1.5	66.0	0.1	31.0	1.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.3	57.3	0.1	29.7	1.5
4/26/2016 0:14	0.2	20.6	1.5	58.5	0.1	32.0	1.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.3	49.7	0.1	30.7	1.4
4/26/2016 0:15	0.2	20.6	1.7	63.0	0.1	29.5	1.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.5	54.2	0.0	28.3	1.3
4/26/2016 0:16	0.2	20.6	1.4	56.5	0.1	28.5	1.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.2	47.6	0.0	27.3	1.3
4/26/2016 0:17	0.2	20.6	1.4	53.5	0.1	26.5	1.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.2	44.6	0.0	25.4	1.2
4/26/2016 0:18	0.2	20.6	1.2	48.5	0.1	24.0	1.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.0	39.5	0.0	23.0	1.1
4/26/2016 0:19	0.2	20.6	1.4	44.0	0.1	23.5	1.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.2	35.0	0.0	22.6	1.1
4/26/2016 0:20	0.2	20.6	1.3	45.0	0.1	24.0	0.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.1	36.0	0.0	23.0	1.0
4/26/2016 0:21	0.2	20.6	1.1	46.5	0.1	24.5	0.9	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.9	37.5	0.0	23.5	1.0
4/26/2016 0:22	0.2	20.6	1.2	48.0	0.1	31.0	0.8	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.0	39.0	0.0	29.7	0.9
4/26/2016 0:23	0.2	20.6	1.2	56.0	0.1	28.5	0.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.0	47.1	0.0	27.3	0.8
4/26/2016 0:24	0.2	20.6	1.1	55.5	0.1	25.0	0.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.9	46.6	0.0	24.0	0.8
4/26/2016 0:25	0.2	20.7	1.0	49.5	0.1	25.0	0.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.8	40.5	0.0	24.0	0.7
4/26/2016 0:26	0.2	20.7	0.9	48.0	0.1	19.0	0.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.7	39.0	0.0	18.3	0.7
4/26/2016 0:27	0.2	20.7	0.8	35.5	0.1	22.0	0.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.6	26.3	0.0	21.1	0.7
4/26/2016 0:28	0.2	20.6	1.4	52.5	0.1	27.0	0.6	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.2	43.6	0.0	25.9	0.6
4/26/2016 0:29	0.2	20.6	1.3	65.5	0.1	24.5	1.0	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.1	56.8	0.0	23.5	1.1
4/26/2016 0:30	0.2	20.6	1.0	55.0	0.1	21.0	0.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.8	46.1	0.0	20.2	0.6
4/26/2016 0:31	0.2	20.6	1.0	48.0	0.1	20.5	0.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.8	39.0	0.0	19.7	0.6
4/26/2016 0:32	0.2	20.6	1.1	53.0	0.1	23.0	0.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.9	44.1	0.0	22.1	0.5
4/26/2016 0:33	0.2	20.6	1.0	56.0	0.1	20.0	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.8	47.1	0.0	19.2	0.5
4/26/2016 0:34	0.2	20.7	0.9	47.5	0.1	18.0	0.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.7	38.5	0.0	17.3	0.5
4/26/2016 0:35	0.2	20.7	1.0	45.0	0.1	20.5	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.8	36.0	0.0	19.7	0.5
4/26/2016 0:36	0.2	20.7	1.0	53.5	0.1	23.5	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.8	44.6	0.0	22.6	0.5
4/26/2016 0:37	0.2	20.7	0.9	57.0	0.1	21.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.7	48.1	0.0	20.2	0.4
4/26/2016 0:38	0.2	20.7	0.8	51.0	0.1	22.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.6	42.1	0.0	21.1	0.4
4/26/2016 0:39	0.2	20.7	0.8	53.5	0.1	24.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.6	44.6	0.0	23.0	0.4
4/26/2016 0:40	0.2	20.7	1.0	60.0	0.1	25.5	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.8	51.2	0.0	24.5	0.4
4/26/2016 0:41	0.2	20.7	1.0	59.0	0.1	30.0	0.7	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.8	50.2	0.0	28.8	0.7
4/26/2016 0:42	0.3	20.6	1.5	83.0	0.1	48.5	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.3	74.5	0.0	46.4	0.4
4/26/2016 0:43	0.3	20.6	1.5	109.5	0.1	35.0	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.3	101.3	0.0	33.5	0.4
4/26/2016 0:44	0.2	20.7	0.9	79.5	0.1	21.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.7	70.9	0.0	20.2	0.4
4/26/2016 0:45	0.2	20.6	1.2	57.0	0.1	30.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.0	48.1	0.0	28.8	0.4
4/26/2016 0:46	0.3	20.6	1.0	68.0	0.1	22.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.8	59.3	0.0	21.6	0.3
4/26/2016 0:47	0.2	20.7	0.8	51.0	0.1	19.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.6	42.1	0.0	18.3	0.2
4/26/2016 0:48	0.2	20.7	0.7	42.0	0.1	16.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.5	32.9	0.0	15.4	0.3
4/26/2016 0:49	0.2	20.7	0.7	33.0	0.1	16.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.5	23.8	0.0	15.4	0.3
4/26/2016 0:50	0.2	20.7	0.6	31.0	0.1	13.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.4	21.8	0.0	13.0	0.3
4/26/2016 0:51	0.2	20.7	0.5	24.0	0.1	15.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.3	14.7	0.0	14.9	0.4
4/26/2016 0:52	0.2	20.7	0.7	36.0	0.1	22.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.5	26.9	0.0	21.1	0.3
4/26/2016 0:53	0.3	20.6	1.2	70.0	0.1	32.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	1.0	61.3	0.0	31.2	0.4
4/26/2016 0:54	0.3	20.6	1.0	75.5	0.1	23.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.8	66.9	0.0	22.6	0.3
4/26/2016 0:55	0.3	20.6	1.1	63.0	0.1	33.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.9	54.2	0.0	32.1	0.4
4/26/2016 0:56	0.3	20.6	1.4	90.5	0.1	31.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.9	1.2	82.1	0.0	30.2	0.4
4/26/2016 0:57	0.3	20.6	0.9	72.0	0.1	22.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.7	63.3	0.0	21.1	0.3
4/26/2016 0:58	0.3	20.7	0.8	47.5	0.1	21.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.6	38.5	0.0	20.2	0.2
4/26/2016 0:59	0.3	20.7	0.7	43.5	0.1	16.5	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.5	34.5	0.0	15.9	0.2
4/26/2016 1:00	0.2	20.7	0.6	28.5	0.1	14.5	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.4	19.3	0.0	14.0	0.2
4/26/2016 1:01	0.2	20.7	0.6	26.5	0.1	16.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.4	17.2	0.0	15.4	0.2
4/26/2016 1:02	0.2	20.7	0.6	33.5	0.1	18.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.4	24.3	0.0	17.3	0.2
4/26/2016 1:03	0.2	20.7	0.6	35.0	0.1	20.0	0.1	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.4	25.8	0.0	19.2	0.1
4/26/2016 1:04	0.3	20.7	0.7	43.0	0.1	18.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.5	34.0	0.0	17.3	0.2
4/26/2016 1:05	0.2	20.7	0.5	31.5	0.1	14.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.3	22.3	0.0	13.5	0.3
4/26/2016 1:06	0.2	20.7	0.6	20.5	0.1	13.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.4	11.1	0.0	12.5	0.3
4/26/2016 1:07	0.3	20.7	0.5	25.0	0.1	19.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.3	15.7	0.0	18.3	0.3
4/26/2016 1:08	0.3	20.7	0.7	42.5	0.1	23.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.5	33.4	0.0	22.1	0.2
4/26/2016 1:09	0.3	20.7	0.7	51.0	0.1	23.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.9	0.5	42.1	0.0	22.1	0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/26/2016 1:10	0.3	20.7	0.6	44.0	0.1	21.5	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.1	20.9	0.4	35.0	0.0	20.7	0.2
4/26/2016 1:11	0.3	20.7	0.6	41.5	0.1	22.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.9	0.4	32.4	0.0	21.1	0.2
4/26/2016 1:12	0.3	20.7	0.7	46.0	0.1	31.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.9	0.5	37.0	0.0	29.7	0.3
4/26/2016 1:13	0.3	20.6	1.2	78.0	0.1	52.5	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.9	1.0	69.4	0.0	50.2	0.4
4/26/2016 1:14	0.3	20.6	1.3	113.5	0.1	54.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	1.1	105.4	0.0	51.7	0.4
4/26/2016 1:15	0.3	20.6	1.4	119.5	0.1	56.0	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.9	1.2	111.5	0.0	53.6	0.4
4/26/2016 1:16	0.4	20.6	1.7	138.5	0.1	91.0	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	1.5	130.7	0.0	87.0	0.5
4/26/2016 1:17	0.4	20.5	2.1	193.0	0.1	89.5	0.5	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.8	1.9	186.0	0.1	85.5	0.5
4/26/2016 1:18	0.4	20.6	1.6	167.0	0.1	71.5	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	1.4	159.6	0.0	68.4	0.4
4/26/2016 1:19	0.4	20.6	2.1	172.5	0.1	95.5	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.8	1.9	165.2	0.1	91.3	0.4
4/26/2016 1:20	0.4	20.6	1.8	172.0	0.1	69.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	1.6	164.7	0.1	66.5	0.3
4/26/2016 1:21	0.4	20.6	1.9	146.5	0.1	70.5	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	1.7	138.8	0.1	67.4	0.4
4/26/2016 1:22	0.4	20.6	1.9	148.5	0.2	66.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	1.7	140.9	0.1	63.1	0.3
4/26/2016 1:23	0.3	20.6	1.6	125.5	0.1	51.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.9	1.4	117.6	0.1	49.3	0.3
4/26/2016 1:24	0.4	20.6	2.1	130.0	0.1	102.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	1.9	122.1	0.1	97.9	0.3
4/26/2016 1:25	0.4	20.6	2.4	205.0	0.2	100.5	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.8	2.2	198.1	0.1	96.0	0.4
4/26/2016 1:26	0.4	20.5	2.3	209.0	0.2	97.5	0.4	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.8	2.1	202.2	0.1	93.2	0.4
4/26/2016 1:27	0.4	20.6	2.3	191.5	0.2	69.5	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.8	2.1	184.4	0.1	66.5	0.3
4/26/2016 1:28	0.4	20.6	2.0	147.0	0.2	78.0	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.8	1.8	139.3	0.1	74.6	0.2
4/26/2016 1:29	0.4	20.6	2.2	161.5	0.2	74.0	0.3	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.3	20.8	2.0	154.0	0.1	70.7	0.3
4/26/2016 1:30	0.3	20.6	1.5	129.5	0.2	48.5	0.2	Night 1 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	9.5	262.5	256.4	0.1	13.6	14.8	-0.1	15.0	14.4	1.097	0.2	20.9	1.3	121.6	0.1	46.4	0.2
	0.4	**20.4**	**5.6**	**229.2**	**1.1**	**108.2**	**1.7**	**Night 1 Average**																				**0.3**	**20.6**	**5.4**	**222.7**	**1.1**	**103.4**	**1.9**
4/26/2016 1:31	0.3	20.4	1.3	98.0	0.1	4.5	0.2																												
4/26/2016 1:32	6.6	12.6	0.7	58.0	0.1	1.8	0.3																												
4/26/2016 1:33	10.8	10.9	0.5	16.0	0.1	0.1	0.3																												
4/26/2016 1:34	11.0	10.9	0.4	8.5	0.1	0.1	0.3																												
4/26/2016 1:35	10.9	**10.9**	0.4	8.5	**0.1**	0.1	0.3	**10.98 O2, Zero SO2 Bias Check**																											
4/26/2016 1:36	10.9	10.9	0.8	8.5	0.1	0.1	0.3																												
4/26/2016 1:37	5.9	2.9	23.6	99.0	0.2	0.1	0.3																												
4/26/2016 1:38	2.6	0.1	25.4	228.0	0.5	0.1	0.3																												
4/26/2016 1:39	2.5	0.1	25.4	259.5	0.7	0.1	0.3																												
4/26/2016 1:40	**2.5**	**0.1**	**25.4**	**261.0**	0.7	0.1	0.3	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																											
4/26/2016 1:41	2.5	0.1	25.3	261.0	0.7	0.1	0.3																												
4/26/2016 1:42	1.2	14.7	2.6	168.0	2.9	0.1	0.3																												
4/26/2016 1:43	0.2	20.6	0.3	29.5	9.5	0.1	0.3																												
4/26/2016 1:44	0.1	20.7	0.2	8.5	11.9	0.1	0.3																												
4/26/2016 1:45	**0.1**	20.7	**0.2**	**8.0**	**13.6**	**0.1**	0.3	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																											
4/26/2016 1:46	0.1	20.7	0.2	8.0	13.6	0.1	0.3																												
4/26/2016 1:47	0.1	7.4	0.2	8.0	10.1	14.6	0.3																												
4/26/2016 1:48	0.1	0.2	0.1	8.0	2.4	15.2	0.3																												
4/26/2016 1:49	0.1	0.1	0.1	8.0	1.0	**15.2**	0.3	**14.4 C3H8 Bias Check**																											
4/26/2016 1:50	0.1	0.1	0.1	8.0	0.6	15.2	0.3																												
4/26/2016 1:51	0.1	0.1	0.1	8.0	0.5	14.3	0.3																												
4/26/2016 1:52	0.1	13.1	0.2	8.5	0.3	9.8	4.6																												
4/26/2016 1:53	0.1	0.1	0.2	9.0	0.2	0.1	9.3																												
4/26/2016 1:54	0.1	0.1	0.2	9.0	0.2	0.1	9.5																												
4/26/2016 1:55	0.1	0.1	0.2	9.0	0.1	0.1	**9.6**	**9.98 H2S Bias Check**																											
4/26/2016 1:56	0.1	0.0	0.2	9.0	0.1	0.1	9.6																												
4/26/2016 1:57	0.1	0.0	0.2	9.0	0.1	0.1	4.7																												
4/26/2016 1:58	0.1	0.0	0.2	9.0	0.1	0.1	0.3																												
4/26/2016 1:59	0.1	20.7	0.2	9.0	0.1	7.3	0.3																												
4/26/2016 15:15	0.0	20.7	0.3	18.0	0.0	4.2	0.0																												
4/26/2016 15:16	0.0	20.7	0.2	16.0	0.0	3.3	0.0																												
4/26/2016 15:17	0.0	20.7	0.1	13.5	0.0	2.5	0.0																												
4/26/2016 15:18	0.0	20.7	0.1	13.0	0.0	2.5	0.0																												
4/26/2016 15:19	0.0	20.7	0.1	13.0	0.0	2.7	0.0																												
4/26/2016 15:20	0.0	20.7	0.1	13.5	0.0	2.6	0.0																												
4/26/2016 15:21	0.0	20.7	0.1	13.5	0.0	2.5	0.0																												
4/26/2016 15:22	0.0	20.7	0.1	13.5	0.0	2.4	0.0																												

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	Uncorrected Data								Correction Variables																	Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/26/2016 15:23	0.0	20.7	0.1	13.0	0.0	2.4	0.0																									
4/26/2016 15:24	0.0	20.7	0.1	14.0	0.0	4.2	0.0																									
4/26/2016 15:25	0.0	20.7	0.2	17.5	0.0	3.3	0.0																									
4/26/2016 15:26	0.0	20.7	0.1	15.5	0.0	2.8	0.0																									
4/26/2016 15:27	0.0	20.7	0.2	14.0	0.0	3.0	0.0																									
4/26/2016 15:28	1.0	18.1	0.1	14.0	0.0	2.8	0.0																									
4/26/2016 15:29	9.6	11.3	0.1	12.5	0.0	1.0	0.0																									
4/26/2016 15:30	10.7	11.0	0.1	12.0	0.0	0.9	0.0																									
4/26/2016 15:31	10.7	**11.0**	0.1	12.0	**0.0**	0.9	0.0	**10.98 O2, Zero SO2 Bias Check**																								
4/26/2016 15:32	10.7	11.0	0.1	11.5	0.0	0.9	0.0																									
4/26/2016 15:33	9.9	8.9	8.7	26.5	0.0	1.5	0.0																									
4/26/2016 15:34	3.2	0.6	24.8	166.5	0.3	1.8	0.0																									
4/26/2016 15:35	2.5	0.1	24.8	252.0	0.4	1.8	0.0																									
4/26/2016 15:36	**2.5**	**0.1**	**24.9**	**264.0**	0.4	1.8	0.0	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																								
4/26/2016 15:37	2.5	0.1	24.9	264.0	0.4	1.8	0.0																									
4/26/2016 15:38	2.2	3.6	17.1	250.0	0.6	0.8	0.0																									
4/26/2016 15:39	0.3	19.5	0.2	101.0	5.8	0.0	0.0																									
4/26/2016 15:40	0.0	20.7	0.1	17.0	10.7	0.0	0.0																									
4/26/2016 15:41	**0.0**	20.8	**0.1**	**11.5**	**13.7**	**0.0**	0.0	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																								
4/26/2016 15:42	0.0	20.8	0.1	11.5	13.7	0.0	0.0																									
4/26/2016 15:43	0.0	18.5	0.1	11.5	13.7	7.5	0.0																									
4/26/2016 15:44	0.0	1.6	0.1	11.5	7.1	14.6	0.0																									
4/26/2016 15:45	0.0	0.2	0.1	11.5	2.4	**14.6**	0.0	**14.4 C3H8 Bias Check**																								
4/26/2016 15:46	0.0	0.1	0.0	11.5	1.4	14.7	0.0																									
4/26/2016 15:47	0.0	0.1	0.0	11.5	0.9	14.7	0.0																									
4/26/2016 15:48	0.0	2.5	0.1	11.5	0.7	8.6	0.0																									
4/26/2016 15:49	0.0	18.9	0.2	13.0	0.5	2.9	0.0																									
4/26/2016 15:50	0.0	20.7	0.2	14.5	0.5	3.0	0.0																									
4/26/2016 15:51	0.0	20.7	0.2	13.5	0.4	3.8	0.0																									
4/26/2016 15:52	0.0	20.7	0.4	16.5	0.3	4.8	0.0																									
4/26/2016 15:53	0.0	20.7	0.3	17.5	0.3	4.5	0.0																									
4/26/2016 15:54	0.0	20.7	0.2	17.0	0.3	5.0	0.0																									
4/26/2016 15:55	0.0	20.7	0.2	15.5	0.2	3.0	0.0																									
4/26/2016 15:56	0.0	20.7	0.2	13.5	0.2	3.2	0.0																									
4/26/2016 15:57	0.0	20.7	0.4	14.5	0.2	3.8	0.0																									
4/26/2016 15:58	0.0	20.7	0.3	15.5	0.1	3.0	0.0																									
4/26/2016 15:59	0.0	20.7	0.2	14.5	0.1	2.4	0.0																									
4/26/2016 16:00	0.0	20.7	0.2	13.0	0.1	2.6	0.0																									
4/26/2016 16:01	0.0	20.7	0.3	14.0	0.1	2.6	0.0																									
4/26/2016 16:02	0.0	20.7	0.2	14.0	0.1	2.2	0.0																									
4/26/2016 16:03	0.0	20.7	0.3	15.0	0.1	4.7	0.0																									
4/26/2016 16:04	0.0	20.7	0.3	21.0	0.1	2.5	0.0																									
4/26/2016 16:05	0.0	20.7	0.3	16.5	0.1	2.1	0.0																									
4/26/2016 16:06	0.0	20.7	0.3	14.0	0.1	2.0	0.0																									
4/26/2016 16:07	0.0	20.7	0.2	14.0	0.1	2.0	0.0																									
4/26/2016 16:08	0.0	20.7	0.2	13.5	0.1	2.0	0.0																									
4/26/2016 16:09	0.0	20.7	0.2	14.0	0.1	2.0	0.0																									
4/26/2016 16:10	0.0	20.7	0.2	14.0	0.1	2.1	0.0																									
4/26/2016 16:11	0.0	20.7	0.2	15.0	0.1	2.8	0.0																									
4/26/2016 16:12	0.0	20.7	0.3	18.5	0.1	3.7	0.0																									
4/26/2016 16:13	0.0	20.7	0.2	20.0	0.1	3.9	0.0																									
4/26/2016 16:14	0.0	20.7	0.2	19.0	0.1	2.5	0.0																									
4/26/2016 16:15	0.0	20.7	0.2	16.5	0.1	2.9	0.0																									
4/26/2016 16:16	0.0	20.7	0.4	20.5	0.1	7.2	0.0																									
4/26/2016 16:17	0.0	20.7	0.4	29.5	0.1	4.4	0.0																									
4/26/2016 16:18	0.0	20.7	0.5	26.0	0.1	6.7	0.0																									
4/26/2016 16:19	0.0	20.7	0.4	26.5	0.1	4.3	0.0																									
4/26/2016 16:20	0.0	20.7	0.2	19.0	0.1	2.9	0.0																									
4/26/2016 16:21	0.0	20.7	0.2	15.0	0.1	2.4	0.0																									

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/26/2016 16:22	0.0	20.7	0.3	16.5	0.1	4.3	0.0																										
4/26/2016 16:23	0.0	20.7	0.2	20.0	0.1	4.5	0.0																										
4/26/2016 16:24	0.0	20.7	0.3	19.0	0.1	5.4	0.0																										
4/26/2016 16:25	0.0	20.7	0.4	24.0	0.1	8.5	0.0																										
4/26/2016 16:26	0.0	20.7	0.4	28.0	0.1	7.3	0.0																										
4/26/2016 16:27	0.0	20.7	0.5	29.0	0.1	10.7	0.0																										
4/26/2016 16:28	0.0	20.7	0.4	30.5	0.1	6.0	0.0																										
4/26/2016 16:29	0.0	20.7	0.4	23.5	0.1	8.1	0.0																										
4/26/2016 16:30	0.1	20.7	0.4	23.5	0.1	6.0	0.0																										
4/26/2016 16:31	0.1	20.7	0.3	20.0	0.1	7.1	0.0																										
4/26/2016 16:32	0.1	20.7	0.7	30.0	0.1	13.6	0.0																										
4/26/2016 16:33	0.1	20.7	0.5	36.0	0.1	7.2	0.0																										
4/26/2016 16:34	0.0	10.1	0.2	21.0	0.1	4.6	0.0																										
4/26/2016 16:35	0.0	0.3	0.1	13.0	0.1	3.5	9.5																										
4/26/2016 16:36	0.0	0.2	0.1	11.5	0.1	3.3	**9.8**	**9.98 H2S Bias Check**																									
4/26/2016 16:37	0.1	0.7	0.1	11.5	0.1	2.9	9.4																										
4/26/2016 16:38	7.3	9.4	0.1	11.5	0.1	0.1	7.3																										
4/26/2016 16:39	7.8	6.9	0.3	13.0	0.1	13.7	0.1																										
4/26/2016 16:40	0.4	0.3	0.1	13.0	0.1	15.6	0.0																										
4/26/2016 16:41	0.1	0.2	0.1	11.5	0.1	14.5	0.0																										
4/26/2016 16:42	0.1	13.7	0.5	20.0	0.1	10.5	0.0																										
4/26/2016 16:43	0.1	20.6	0.3	26.5	0.1	4.6	0.0																										
4/26/2016 16:44	0.1	20.7	0.1	18.0	0.1	1.9	0.0																										
4/26/2016 16:45	0.1	20.7	0.2	15.5	0.1	2.5	0.0																										
4/26/2016 16:46	0.1	20.7	0.1	14.5	0.1	1.4	0.0																										
4/26/2016 16:47	0.1	20.7	0.1	14.0	0.1	2.6	0.0																										
4/26/2016 16:48	0.1	20.7	0.1	15.0	0.1	2.1	0.0																										
4/26/2016 16:49	0.1	20.7	0.1	15.0	0.0	2.1	0.0																										
4/26/2016 16:50	0.1	20.7	0.1	16.0	0.1	3.6	0.0																										
4/26/2016 16:51	0.1	20.7	0.2	18.0	0.1	4.3	0.0																										
4/26/2016 16:52	0.1	20.7	0.1	17.5	0.1	2.1	0.0																										
4/26/2016 16:53	0.1	20.7	0.2	16.5	0.1	5.9	0.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.1	7.1	0.0	5.9	0.0
4/26/2016 16:54	0.1	20.7	0.2	22.0	0.1	5.6	0.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.1	12.7	0.0	5.6	0.0
4/26/2016 16:55	0.1	20.7	0.2	21.0	0.1	4.8	0.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.1	11.7	0.0	4.9	0.0
4/26/2016 16:56	0.1	20.7	0.2	19.5	0.1	4.3	0.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.1	10.2	0.0	4.3	0.0
4/26/2016 16:57	0.2	20.7	0.2	17.0	0.1	14.0	0.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.1	7.6	0.0	13.9	0.0
4/26/2016 16:58	0.3	20.5	4.1	104.0	0.1	102.1	0.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	4.0	96.1	0.1	100.2	0.0
4/26/2016 16:59	0.4	20.5	3.6	246.5	0.2	100.5	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.5	240.9	0.2	98.7	0.2
4/26/2016 17:00	0.3	20.5	3.0	229.0	0.2	99.7	0.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	2.9	223.1	0.2	97.9	0.1
4/26/2016 17:01	0.3	20.5	3.0	223.0	0.2	102.3	0.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	2.9	217.0	0.2	100.4	0.1
4/26/2016 17:02	0.4	20.5	3.5	251.0	0.2	101.1	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.4	245.5	0.2	99.2	0.3
4/26/2016 17:03	0.4	20.6	3.0	235.5	0.2	101.9	0.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	2.9	229.7	0.2	100.0	0.2
4/26/2016 17:04	0.4	20.6	3.3	230.0	0.2	102.0	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.2	224.1	0.2	100.1	0.2
4/26/2016 17:05	0.4	20.6	3.2	224.5	0.2	81.4	0.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.1	218.5	0.2	79.9	0.1
4/26/2016 17:06	0.4	20.5	3.4	206.0	0.2	108.5	0.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.3	199.7	0.2	106.5	0.1
4/26/2016 17:07	0.3	20.5	3.3	219.0	0.2	118.5	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.2	212.9	0.2	116.3	0.2
4/26/2016 17:08	0.3	20.6	3.1	223.5	0.2	120.0	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.0	217.5	0.2	117.8	0.2
4/26/2016 17:09	0.3	20.5	3.4	228.0	0.2	125.0	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.3	222.1	0.2	122.7	0.3
4/26/2016 17:10	0.4	20.5	4.1	237.0	0.3	123.5	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	4.0	231.2	0.3	121.2	0.3
4/26/2016 17:11	0.3	20.5	3.9	235.5	0.3	118.0	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.8	229.7	0.3	115.8	0.3
4/26/2016 17:12	0.3	20.5	3.8	232.5	0.2	130.0	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.7	226.7	0.2	127.6	0.4
4/26/2016 17:13	0.3	20.5	3.6	244.5	0.2	117.0	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.5	238.9	0.2	114.8	0.4
4/26/2016 17:14	0.3	20.6	2.8	215.0	0.2	125.0	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.7	208.9	0.2	122.7	0.3
4/26/2016 17:15	0.3	20.5	3.5	245.5	0.2	135.0	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.4	239.9	0.2	132.5	0.5
4/26/2016 17:16	0.3	20.5	4.0	257.0	0.2	127.0	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.9	251.6	0.2	124.6	0.5
4/26/2016 17:17	0.3	20.5	3.7	233.5	0.2	127.5	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.6	227.7	0.2	125.1	0.5
4/26/2016 17:18	0.3	20.6	3.3	222.5	0.2	118.0	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.2	216.5	0.2	115.8	0.5
4/26/2016 17:19	0.3	20.6	3.3	218.5	0.2	144.0	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.2	212.4	0.2	141.3	0.7

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/26/2016 17:20	0.3	20.5	3.6	245.0	0.2	136.0	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.5	239.4	0.2	133.4	0.7
4/26/2016 17:21	0.3	20.6	3.3	229.5	0.2	115.5	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.2	223.6	0.2	113.4	0.6
4/26/2016 17:22	0.3	20.6	3.1	214.0	0.2	122.5	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.0	207.9	0.2	120.2	0.7
4/26/2016 17:23	0.3	20.6	3.2	217.0	0.2	123.5	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.1	210.9	0.2	121.2	0.6
4/26/2016 17:24	0.3	20.5	3.4	227.5	0.2	120.0	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	3.3	221.6	0.2	117.8	0.8
4/26/2016 17:25	0.3	20.6	2.8	205.5	0.2	110.0	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.7	199.2	0.2	108.0	0.7
4/26/2016 17:26	0.3	20.6	2.8	193.0	0.2	99.0	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.7	186.5	0.2	97.2	0.7
4/26/2016 17:27	0.3	20.6	2.8	177.0	0.2	108.5	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.7	170.3	0.2	106.5	0.7
4/26/2016 17:28	0.3	20.6	2.9	188.5	0.2	105.5	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	2.8	181.9	0.2	103.6	0.8
4/26/2016 17:29	0.3	20.6	3.0	197.0	0.2	113.0	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.9	190.6	0.2	110.9	0.8
4/26/2016 17:30	0.3	20.5	3.3	214.5	0.2	122.0	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.2	208.4	0.2	119.7	1.0
4/26/2016 17:31	0.2	20.6	2.6	196.5	0.2	107.0	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.5	190.1	0.2	105.0	0.9
4/26/2016 17:32	0.2	20.6	2.6	190.0	0.2	116.0	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.5	183.5	0.2	113.8	1.0
4/26/2016 17:33	0.2	20.6	2.4	192.5	0.2	111.0	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.3	186.0	0.2	108.9	0.9
4/26/2016 17:34	0.2	20.6	2.5	182.5	0.2	96.5	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.4	175.8	0.2	94.7	0.9
4/26/2016 17:35	0.2	20.6	3.0	171.0	0.2	115.5	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	2.9	164.2	0.2	113.4	0.9
4/26/2016 17:36	0.2	20.6	2.7	190.5	0.2	98.0	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.6	184.0	0.2	96.2	1.0
4/26/2016 17:37	0.2	20.6	2.6	165.0	0.2	95.5	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.5	158.1	0.2	93.8	0.9
4/26/2016 17:38	0.2	20.5	3.6	182.5	0.2	106.0	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.5	175.8	0.2	104.0	1.0
4/26/2016 17:39	0.3	20.5	3.7	190.5	0.2	81.5	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.6	184.0	0.2	80.0	1.0
4/26/2016 17:40	0.2	20.5	4.3	161.5	0.2	114.0	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	4.2	154.5	0.2	111.9	1.0
4/26/2016 17:41	0.3	20.4	5.6	238.5	0.2	110.5	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.6	5.5	232.8	0.2	108.5	1.2
4/26/2016 17:42	0.3	20.4	5.9	237.5	0.2	115.0	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.6	5.8	231.8	0.2	112.9	1.1
4/26/2016 17:43	0.3	20.4	5.4	231.5	0.2	94.5	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.6	5.3	225.7	0.2	92.8	1.2
4/26/2016 17:44	0.3	20.5	5.3	199.5	0.2	101.0	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	5.2	193.1	0.2	99.1	1.0
4/26/2016 17:45	0.3	20.5	4.7	200.5	0.2	78.5	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	4.6	194.1	0.2	77.1	1.1
4/26/2016 17:46	0.2	20.5	3.7	152.0	0.2	72.0	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.6	144.8	0.2	70.7	1.0
4/26/2016 17:47	0.2	20.5	3.8	147.0	0.2	89.5	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.7	139.8	0.2	87.9	1.1
4/26/2016 17:48	0.2	20.6	3.4	164.0	0.2	89.0	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.3	157.0	0.2	87.4	1.2
4/26/2016 17:49	0.2	20.5	3.6	162.5	0.2	83.0	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.5	155.5	0.2	81.5	1.2
4/26/2016 17:50	0.2	20.6	3.5	166.0	0.2	99.0	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.7	3.4	159.1	0.2	97.2	1.3
4/26/2016 17:51	0.2	20.6	3.4	180.0	0.2	93.5	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.3	173.3	0.2	91.8	1.3
4/26/2016 17:52	0.2	20.6	3.1	155.5	0.2	76.5	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	3.0	148.4	0.2	75.1	1.1
4/26/2016 17:53	0.2	20.6	2.9	139.5	0.2	89.0	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.8	132.1	0.2	87.4	1.2
4/26/2016 17:54	0.2	20.5	3.3	166.5	0.2	101.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.7	3.2	159.6	0.2	99.6	1.4
4/26/2016 17:55	0.1	20.6	2.9	172.5	0.2	100.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.7	2.8	165.7	0.2	98.7	1.4
4/26/2016 17:56	0.1	20.6	2.8	169.0	0.2	96.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.7	2.7	162.1	0.2	94.2	1.5
4/26/2016 17:57	0.1	20.6	2.5	154.5	0.2	87.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.4	147.4	0.2	85.4	1.4
4/26/2016 17:58	0.1	20.6	2.6	150.0	0.2	100.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.5	142.8	0.2	98.2	1.4
4/26/2016 17:59	0.1	20.6	2.7	169.5	0.2	101.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.7	2.6	162.6	0.2	99.1	1.5
4/26/2016 18:00	0.1	20.6	2.2	154.0	0.2	88.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.1	146.9	0.2	86.4	1.4
4/26/2016 18:01	0.1	20.6	2.2	140.5	0.2	83.0	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.1	133.2	0.2	81.5	1.3
4/26/2016 18:02	0.1	20.6	2.3	139.5	0.1	78.5	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.2	132.1	0.1	77.1	1.4
4/26/2016 18:03	0.1	20.6	2.1	128.0	0.1	72.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.0	120.4	0.1	71.2	1.4
4/26/2016 18:04	0.1	20.6	2.3	124.0	0.1	76.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.2	116.4	0.1	74.6	1.4
4/26/2016 18:05	0.1	20.6	2.3	134.5	0.1	78.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.2	127.1	0.1	77.1	1.4
4/26/2016 18:06	0.1	20.6	2.1	129.5	0.1	75.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.0	122.0	0.1	74.2	1.4
4/26/2016 18:07	0.1	20.6	2.5	142.0	0.1	95.5	1.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.7	2.4	134.7	0.1	93.8	1.5
4/26/2016 18:08	0.2	20.5	2.7	177.5	0.1	121.5	1.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.7	2.6	170.8	0.1	119.2	1.6
4/26/2016 18:09	0.2	20.5	3.8	237.0	0.2	141.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.7	231.2	0.2	138.3	1.9
4/26/2016 18:10	0.2	20.4	4.6	260.5	0.2	135.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	4.5	255.1	0.2	132.5	1.9
4/26/2016 18:11	0.3	20.4	5.4	267.5	0.2	146.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	5.3	262.2	0.2	143.2	2.0
4/26/2016 18:12	0.3	20.3	5.8	290.0	0.2	128.0	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.5	5.7	285.1	0.2	125.6	2.0
4/26/2016 18:13	0.2	20.4	4.6	247.5	0.2	146.5	1.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	4.5	241.9	0.2	143.7	1.9
4/26/2016 18:14	0.3	20.4	5.3	267.5	0.2	156.5	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	5.2	262.2	0.2	153.5	2.1
4/26/2016 18:15	0.2	20.4	4.3	254.0	0.2	146.0	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	4.2	248.5	0.2	143.2	2.0
4/26/2016 18:16	0.3	20.4	5.5	259.0	0.2	138.0	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	5.4	253.6	0.2	135.4	2.0
4/26/2016 18:17	0.2	20.4	4.8	242.5	0.2	151.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	4.7	236.8	0.2	148.1	1.9
4/26/2016 18:18	0.3	20.4	5.1	269.0	0.2	161.0	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	5.0	263.8	0.2	157.9	2.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/26/2016 18:19	0.2	20.4	5.0	280.5	0.2	170.5	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	4.9	275.5	0.2	167.3	2.1
4/26/2016 18:20	0.3	20.4	5.6	296.5	0.3	176.0	2.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.5	5.5	291.7	0.3	172.6	2.2
4/26/2016 18:21	0.3	20.4	5.0	304.0	0.3	149.5	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	4.9	299.3	0.3	146.7	2.2
4/26/2016 18:22	0.2	20.4	4.9	273.0	0.2	182.5	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	4.8	267.8	0.2	179.0	2.1
4/26/2016 18:23	0.2	20.4	4.5	291.5	0.2	162.5	2.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	4.4	286.6	0.2	159.4	2.2
4/26/2016 18:24	0.2	20.5	5.8	324.0	0.3	200.0	2.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.7	5.7	319.7	0.3	196.2	2.4
4/26/2016 18:25	0.1	20.5	5.9	352.0	0.3	155.0	2.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.7	5.8	348.1	0.3	152.1	2.2
4/26/2016 18:26	0.1	20.6	5.7	297.5	0.3	151.5	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.7	5.6	292.7	0.3	148.6	2.2
4/26/2016 18:27	0.1	20.6	4.9	267.0	0.3	119.5	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.7	4.8	261.7	0.3	117.3	2.0
4/26/2016 18:28	0.0	20.6	4.7	234.0	0.2	137.5	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.7	4.6	228.2	0.2	134.9	2.1
4/26/2016 18:29	0.0	20.6	4.6	255.5	0.2	136.5	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.7	4.5	250.0	0.2	133.9	2.1
4/26/2016 18:30	0.0	20.6	3.3	228.0	0.2	86.0	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.7	3.2	222.1	0.2	84.4	2.0
4/26/2016 18:31	0.0	20.5	1.1	79.0	0.2	19.5	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.7	1.0	70.6	0.2	19.3	1.1
4/26/2016 18:32	0.0	20.6	0.5	11.0	0.1	11.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.8	0.4	1.5	0.1	11.4	1.3
4/26/2016 18:33	0.0	20.6	0.4	5.0	0.1	10.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.8	0.3	-4.6	0.1	10.5	1.4
4/26/2016 18:34	0.0	20.6	0.4	5.0	0.1	9.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.8	0.3	-4.6	0.1	9.0	1.4
4/26/2016 18:35	0.0	20.6	0.3	5.0	0.1	9.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.8	0.2	-4.6	0.1	9.0	1.4
4/26/2016 18:36	0.0	20.6	0.3	6.5	0.1	9.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.8	0.2	-3.0	0.1	9.0	1.4
4/26/2016 18:37	0.0	20.6	0.3	7.0	0.1	10.5	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.8	0.2	-2.5	0.1	10.5	1.4
4/26/2016 18:38	0.0	20.6	0.3	10.0	0.1	10.5	1.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.8	0.2	0.5	0.1	10.5	1.6
4/26/2016 18:39	0.0	20.7	0.3	9.5	0.1	15.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.9	0.2	0.0	0.1	14.9	1.4
4/26/2016 18:40	0.1	20.6	2.5	75.5	0.1	148.5	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.4	67.1	0.1	145.7	1.9
4/26/2016 18:41	0.2	20.6	3.1	201.5	0.1	115.5	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.0	195.2	0.1	113.4	2.0
4/26/2016 18:42	0.2	20.5	3.7	212.0	0.1	189.0	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.6	205.8	0.1	185.4	2.1
4/26/2016 18:43	0.2	20.5	4.0	285.5	0.1	179.5	2.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.9	280.5	0.1	176.1	2.4
4/26/2016 18:44	0.2	20.5	3.8	266.5	0.2	173.0	2.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.7	261.2	0.2	169.7	2.2
4/26/2016 18:45	0.2	20.5	4.0	251.0	0.2	164.0	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.9	245.5	0.2	160.9	2.1
4/26/2016 18:46	0.2	20.5	4.1	247.0	0.2	163.0	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	4.0	241.4	0.2	159.9	2.2
4/26/2016 18:47	0.2	20.5	3.9	235.0	0.2	160.0	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.8	229.2	0.2	157.0	2.0
4/26/2016 18:48	0.2	20.5	4.6	247.0	0.2	190.5	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	4.5	241.4	0.2	186.9	2.2
4/26/2016 18:49	0.3	20.5	4.4	281.5	0.2	178.0	2.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	4.3	276.5	0.2	174.6	2.2
4/26/2016 18:50	0.2	20.5	3.9	265.0	0.2	147.0	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.8	259.7	0.2	144.2	2.1
4/26/2016 18:51	0.2	20.6	3.5	225.0	0.2	157.0	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.4	219.0	0.2	154.0	2.0
4/26/2016 18:52	0.2	20.6	3.2	211.5	0.2	134.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	3.1	205.3	0.2	131.5	2.0
4/26/2016 18:53	0.2	20.6	3.1	192.5	0.2	129.5	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	3.0	186.0	0.2	127.1	1.9
4/26/2016 18:54	0.2	20.6	2.9	183.5	0.2	123.5	1.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.8	176.9	0.2	121.2	1.9
4/26/2016 18:55	0.2	20.6	3.2	195.5	0.2	151.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.1	189.1	0.2	148.1	2.0
4/26/2016 18:56	0.2	20.6	3.0	217.5	0.2	143.5	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	2.9	211.4	0.2	140.8	2.0
4/26/2016 18:57	0.2	20.6	3.2	208.0	0.2	152.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	3.1	201.8	0.2	149.1	2.0
4/26/2016 18:58	0.2	20.5	3.3	233.5	0.2	182.5	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.2	227.7	0.2	179.0	2.1
4/26/2016 18:59	0.3	20.5	3.9	275.0	0.2	171.5	2.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.8	269.9	0.2	168.2	2.2
4/26/2016 19:00	0.2	20.5	3.4	275.5	0.2	168.0	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.3	270.4	0.2	164.8	2.1
4/26/2016 19:01	0.2	20.5	3.1	242.0	0.2	159.5	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	3.0	236.3	0.2	156.5	2.1
4/26/2016 19:02	0.2	20.5	2.6	203.0	0.2	120.5	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	2.5	196.7	0.2	118.3	1.9
4/26/2016 19:03	0.2	20.5	2.8	183.5	0.2	141.0	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	2.7	176.9	0.2	138.3	2.0
4/26/2016 19:04	0.2	20.5	2.6	188.5	0.2	139.5	1.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.6	2.5	181.9	0.2	136.9	1.9
4/26/2016 19:05	0.2	20.5	2.6	194.0	0.2	128.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	2.5	187.5	0.2	125.6	1.9
4/26/2016 19:06	0.2	20.5	2.7	191.0	0.2	144.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	2.6	184.5	0.2	141.3	1.9
4/26/2016 19:07	0.2	20.5	2.8	220.0	0.2	171.0	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	2.7	214.0	0.2	167.7	2.1
4/26/2016 19:08	0.2	20.4	2.7	239.5	0.2	147.0	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	2.6	233.8	0.2	144.2	2.0
4/26/2016 19:09	0.2	20.4	2.9	235.0	0.2	168.5	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.5	2.8	229.2	0.2	165.3	2.1
4/26/2016 19:10	0.2	20.4	2.8	244.5	0.2	184.5	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.5	2.7	238.9	0.2	181.0	2.0
4/26/2016 19:11	0.2	20.2	2.9	243.0	0.2	129.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.4	2.8	237.3	0.2	126.6	2.0
4/26/2016 19:12	0.2	20.3	2.4	184.5	0.2	124.0	1.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.5	2.3	177.9	0.2	121.7	1.9
4/26/2016 19:13	0.2	20.2	2.3	160.0	0.2	134.5	1.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.4	2.2	153.0	0.2	132.0	1.7
4/26/2016 19:14	0.2	20.1	2.3	184.0	0.2	137.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.3	2.2	177.4	0.2	134.4	1.9
4/26/2016 19:15	0.2	20.1	2.5	208.0	0.2	172.0	2.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.2	2.4	201.8	0.2	168.7	2.2
4/26/2016 19:16	0.2	20.0	2.7	237.5	0.2	162.5	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.1	2.6	231.8	0.2	159.4	2.0
4/26/2016 19:17	0.2	19.9	2.6	222.5	0.2	155.0	1.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.1	2.5	216.5	0.2	152.1	1.9

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/26/2016 19:18	0.2	19.8	2.7	218.0	0.2	173.5	1.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.0	2.6	211.9	0.2	170.2	1.9
4/26/2016 19:19	0.3	19.7	3.0	244.5	0.2	181.5	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	19.9	2.9	238.9	0.2	178.0	2.0
4/26/2016 19:20	0.2	20.0	2.9	236.0	0.2	144.0	1.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.1	2.8	230.2	0.2	141.3	1.9
4/26/2016 19:21	0.2	20.0	2.7	199.0	0.2	133.5	1.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.2	2.6	192.6	0.2	131.0	1.8
4/26/2016 19:22	0.2	20.1	2.5	174.0	0.2	151.0	1.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.2	2.4	167.2	0.2	148.1	1.7
4/26/2016 19:23	0.3	20.2	2.8	196.5	0.2	149.0	1.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.3	2.7	190.1	0.2	146.2	1.8
4/26/2016 19:24	0.3	20.2	2.9	219.5	0.2	171.0	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.4	2.8	213.5	0.2	167.7	1.9
4/26/2016 19:25	0.2	20.3	2.2	202.5	0.2	90.0	1.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.5	2.1	196.2	0.2	88.4	1.7
4/26/2016 19:26	0.2	20.2	1.9	115.0	0.2	78.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.4	1.8	107.2	0.2	76.6	1.5
4/26/2016 19:27	0.2	20.2	1.6	78.0	0.1	50.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.4	1.5	69.6	0.1	49.2	1.4
4/26/2016 19:28	0.2	20.2	2.2	55.0	0.1	42.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.3	2.1	46.2	0.1	41.8	1.4
4/26/2016 19:29	0.2	20.2	1.8	41.0	0.1	45.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.4	1.7	32.0	0.1	44.8	1.3
4/26/2016 19:30	0.2	20.3	2.4	57.5	0.1	49.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.5	2.3	48.8	0.1	48.2	1.4
4/26/2016 19:31	0.2	20.4	2.2	63.0	0.1	47.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	2.1	54.4	0.1	46.2	1.4
4/26/2016 19:32	0.2	20.5	2.5	70.0	0.1	53.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.6	2.4	61.5	0.1	52.1	1.4
4/26/2016 19:33	0.2	20.5	1.9	69.5	0.1	44.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	1.8	61.0	0.1	43.3	1.4
4/26/2016 19:34	0.2	20.5	2.6	69.5	0.1	48.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	2.5	61.0	0.1	47.2	1.5
4/26/2016 19:35	0.2	20.6	2.6	71.5	0.1	56.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.5	63.0	0.1	55.0	1.5
4/26/2016 19:36	0.3	20.6	3.0	93.0	0.1	61.5	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	2.9	84.9	0.1	60.4	1.5
4/26/2016 19:37	0.3	20.6	2.5	111.0	0.1	69.5	1.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.4	103.2	0.1	68.3	1.6
4/26/2016 19:38	0.2	20.6	2.1	104.0	0.1	63.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.0	96.1	0.1	61.9	1.5
4/26/2016 19:39	0.2	20.6	1.9	90.5	0.1	53.5	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.8	82.3	0.1	52.6	1.5
4/26/2016 19:40	0.3	20.6	1.9	88.0	0.1	54.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.8	79.8	0.1	53.1	1.5
4/26/2016 19:41	0.2	20.6	1.7	81.0	0.1	60.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.6	72.7	0.1	59.0	1.5
4/26/2016 19:42	0.3	20.6	2.1	100.5	0.1	71.0	1.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.0	92.5	0.1	69.7	1.6
4/26/2016 19:43	0.3	20.6	2.0	113.0	0.1	71.5	1.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.9	105.2	0.1	70.2	1.6
4/26/2016 19:44	0.3	20.6	1.7	108.0	0.1	56.5	1.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.6	100.1	0.1	55.5	1.6
4/26/2016 19:45	0.3	20.6	2.3	92.5	0.1	64.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.2	84.4	0.1	62.9	1.5
4/26/2016 19:46	0.3	20.6	1.7	95.0	0.1	54.0	1.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.6	86.9	0.1	53.1	1.6
4/26/2016 19:47	0.3	20.6	1.7	91.5	0.1	54.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.6	83.3	0.1	53.1	1.5
4/26/2016 19:48	0.2	20.7	1.3	75.5	0.1	46.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	1.2	67.1	0.1	45.2	1.5
4/26/2016 19:49	0.3	20.6	1.6	74.0	0.1	57.5	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.5	65.6	0.1	56.5	1.5
4/26/2016 19:50	0.3	20.6	1.5	93.5	0.1	52.5	1.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.4	85.4	0.1	51.6	1.6
4/26/2016 19:51	0.3	20.6	1.5	81.0	0.1	52.5	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.4	72.7	0.1	51.6	1.5
4/26/2016 19:52	0.3	20.7	1.1	69.5	0.1	41.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	1.0	61.0	0.1	40.4	1.5
4/26/2016 19:53	0.3	20.6	1.8	75.0	0.1	59.5	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.7	66.6	0.1	58.5	1.5
4/26/2016 19:54	0.3	20.7	1.2	88.0	0.1	40.0	1.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.1	79.8	0.1	39.4	1.5
4/26/2016 19:55	0.2	20.7	0.9	50.0	0.1	23.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.8	41.2	0.1	23.2	1.4
4/26/2016 19:56	0.2	20.7	0.6	23.0	0.1	21.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	13.7	0.1	20.8	1.3
4/26/2016 19:57	0.2	20.7	0.7	24.0	0.1	18.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.6	14.7	0.1	18.3	1.4
4/26/2016 19:58	0.2	20.7	0.5	18.5	0.1	16.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.4	9.1	0.1	15.9	1.3
4/26/2016 19:59	0.2	20.7	0.5	13.0	0.1	14.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	3.6	0.1	13.9	1.3
4/26/2016 20:00	0.2	20.7	0.5	12.0	0.1	13.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	2.5	0.1	12.9	1.3
4/26/2016 20:01	0.2	20.7	0.5	13.5	0.1	16.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	4.1	0.0	15.9	1.4
4/26/2016 20:02	0.2	20.7	0.8	27.0	0.1	35.5	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.7	17.8	0.1	35.0	1.3
4/26/2016 20:03	0.2	20.7	0.7	44.5	0.1	16.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.6	35.6	0.1	15.9	1.3
4/26/2016 20:04	0.2	20.7	0.4	19.5	0.1	13.0	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	10.2	0.0	12.9	1.3
4/26/2016 20:05	0.2	20.7	0.5	12.5	0.1	38.0	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	3.0	0.0	37.4	1.4
4/26/2016 20:06	0.2	20.7	0.5	14.5	0.1	14.1	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	5.1	0.0	13.9	1.3
4/26/2016 20:07	4.8	13.7	0.3	15.5	0.1	8.5	0.8	System Check																											
4/26/2016 20:08	10.7	11.0	0.2	10.0	0.1	0.6	1.2	System Check																											
4/26/2016 20:09	10.9	11.0	0.1	8.0	0.1	0.6	1.2	System Check																											
4/26/2016 20:10	10.9	10.9	0.1	8.0	0.1	0.6	1.2	System Check																											
4/26/2016 20:11	10.9	10.9	0.1	8.0	0.1	0.6	1.1	System Check																											
4/26/2016 20:12	10.9	11.0	0.1	8.0	0.1	0.6	1.1	System Check																											
4/26/2016 20:13	10.7	10.4	0.3	8.5	0.1	0.6	0.9	System Check																											
4/26/2016 20:14	2.5	1.5	0.1	9.5	0.1	15.7	0.6	System Check																											
4/26/2016 20:15	3.7	8.1	0.4	10.5	0.1	13.3	0.2	System Check																											
4/26/2016 20:16	1.5	20.0	1.2	46.0	0.1	24.9	1.0	System Check																											

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/26/2016 20:17	0.3	20.6	1.2	66.5	0.1	32.2	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.1	57.9	0.0	31.7	1.3
4/26/2016 20:18	0.3	20.6	1.3	81.0	0.1	28.1	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.8	1.2	72.7	0.1	27.7	1.3
4/26/2016 20:19	0.3	20.7	1.0	68.5	0.1	18.2	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.9	60.0	0.1	18.0	1.2
4/26/2016 20:20	0.3	20.7	1.4	58.5	0.1	39.9	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.3	49.8	0.1	39.3	1.2
4/26/2016 20:21	0.3	20.7	0.9	74.0	0.1	16.8	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.8	65.6	0.1	16.6	1.2
4/26/2016 20:22	0.2	20.7	1.0	55.0	0.1	29.1	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.9	46.2	0.1	28.6	1.1
4/26/2016 20:23	0.3	20.6	1.5	81.5	0.1	45.8	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.4	73.2	0.1	45.0	1.3
4/26/2016 20:24	0.3	20.7	1.2	91.5	0.1	31.6	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	1.1	83.3	0.1	31.1	1.2
4/26/2016 20:25	0.2	20.7	1.1	77.5	0.1	29.9	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.0	69.1	0.1	29.4	1.1
4/26/2016 20:26	0.2	20.7	1.2	74.5	0.1	36.9	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.1	66.1	0.1	36.3	1.1
4/26/2016 20:27	0.3	20.6	1.5	94.0	0.1	46.9	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.4	85.9	0.1	46.1	1.2
4/26/2016 20:28	0.3	20.6	1.4	102.5	0.1	55.6	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.3	94.5	0.1	54.7	1.2
4/26/2016 20:29	0.3	20.6	1.9	118.0	0.1	50.6	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.8	110.3	0.1	49.8	1.2
4/26/2016 20:30	0.3	20.6	2.0	121.5	0.1	54.4	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.9	113.8	0.1	53.5	1.2
4/26/2016 20:31	0.3	20.6	1.7	116.0	0.1	48.6	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.6	108.3	0.1	47.8	1.1
4/26/2016 20:32	0.2	20.6	1.4	102.0	0.1	38.6	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.3	94.0	0.1	37.9	1.1
4/26/2016 20:33	0.3	20.6	2.1	100.0	0.1	60.9	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.0	92.0	0.1	59.9	1.2
4/26/2016 20:34	0.3	20.6	1.9	133.0	0.1	57.1	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.8	125.5	0.1	56.1	1.2
4/26/2016 20:35	0.2	20.6	1.6	120.5	0.1	45.5	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.5	112.8	0.1	44.8	1.1
4/26/2016 20:36	0.2	20.6	1.6	97.5	0.1	46.1	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.5	89.4	0.1	45.3	1.0
4/26/2016 20:37	0.2	20.6	1.8	97.5	0.1	44.7	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.7	89.4	0.1	43.9	1.0
4/26/2016 20:38	0.2	20.6	1.8	107.5	0.1	55.5	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.7	99.6	0.1	54.6	1.1
4/26/2016 20:39	0.2	20.6	1.4	109.0	0.1	37.3	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.3	101.1	0.1	36.7	1.1
4/26/2016 20:40	0.2	20.7	1.3	82.5	0.1	37.6	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.2	74.2	0.1	37.0	1.0
4/26/2016 20:41	0.2	20.6	1.5	89.0	0.1	48.3	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.4	80.8	0.1	47.5	1.1
4/26/2016 20:42	0.2	20.6	1.7	109.5	0.1	42.9	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.6	101.6	0.1	42.2	1.1
4/26/2016 20:43	0.2	20.7	1.2	86.5	0.1	27.2	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	1.1	78.3	0.1	26.8	1.0
4/26/2016 20:44	0.2	20.7	1.0	63.0	0.1	32.0	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.9	54.4	0.1	31.5	1.0
4/26/2016 20:45	0.2	20.6	1.3	77.0	0.1	50.5	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.2	68.6	0.1	49.7	1.0
4/26/2016 20:46	0.2	20.6	1.4	108.0	0.1	46.9	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.3	100.1	0.1	46.1	1.1
4/26/2016 20:47	0.2	20.6	1.5	99.5	0.1	60.9	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.4	91.5	0.1	59.9	1.0
4/26/2016 20:48	0.2	20.6	2.0	130.0	0.1	70.0	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.9	122.5	0.1	68.8	1.1
4/26/2016 20:49	0.2	20.6	2.1	149.0	0.1	58.1	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.0	141.8	0.1	57.1	1.1
4/26/2016 20:50	0.2	20.6	1.7	118.5	0.1	58.6	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.6	110.8	0.1	57.6	1.0
4/26/2016 20:51	0.2	20.6	2.2	132.0	0.1	83.2	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.1	124.5	0.1	81.7	1.1
4/26/2016 20:52	0.2	20.6	2.4	168.5	0.1	62.6	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.3	161.6	0.1	61.5	1.2
4/26/2016 20:53	0.2	20.6	1.6	124.5	0.1	58.7	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.5	116.9	0.1	57.7	1.0
4/26/2016 20:54	0.2	20.6	1.8	112.5	0.1	51.8	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.7	104.7	0.1	50.9	1.0
4/26/2016 20:55	0.2	20.6	1.9	108.0	0.1	66.0	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.8	100.1	0.1	64.8	1.0
4/26/2016 20:56	0.2	20.6	2.2	135.0	0.1	67.9	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.1	127.6	0.1	66.7	1.1
4/26/2016 20:57	0.2	20.6	2.8	170.0	0.1	93.8	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	2.7	163.1	0.1	92.0	1.2
4/26/2016 20:58	0.2	20.6	2.5	180.5	0.1	71.8	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	2.4	173.8	0.1	70.5	1.1
4/26/2016 20:59	0.2	20.6	2.5	148.0	0.1	63.3	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.4	140.8	0.1	62.2	1.0
4/26/2016 21:00	0.2	20.6	2.6	139.0	0.1	73.5	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.5	131.6	0.1	72.2	1.1
4/26/2016 21:01	0.2	20.6	2.3	143.0	0.1	72.8	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.2	135.7	0.1	71.5	1.0
4/26/2016 21:02	0.2	20.6	2.2	137.0	0.1	60.9	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	2.1	129.6	0.1	59.9	1.0
4/26/2016 21:03	0.1	20.6	1.4	105.5	0.1	29.9	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.3	97.6	0.1	29.5	0.8
4/26/2016 21:04	0.1	20.6	1.6	74.0	0.1	49.2	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.5	65.6	0.1	48.4	0.8
4/26/2016 21:05	0.1	20.6	1.7	94.5	0.1	55.4	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.6	86.4	0.1	54.5	0.8
4/26/2016 21:06	0.2	20.6	2.0	123.0	0.1	59.0	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.9	115.4	0.1	58.0	0.9
4/26/2016 21:07	0.2	20.6	2.0	135.5	0.1	63.2	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.9	128.1	0.1	62.1	1.1
4/26/2016 21:08	0.2	20.6	1.8	139.0	0.1	64.2	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.7	131.6	0.1	63.0	0.7
4/26/2016 21:09	0.2	20.6	1.7	130.0	0.1	60.8	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.6	122.5	0.1	59.7	0.8
4/26/2016 21:10	0.1	20.7	1.2	103.0	0.1	29.5	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.1	95.0	0.1	29.1	0.8
4/26/2016 21:11	0.1	20.7	0.8	48.5	0.1	19.1	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.7	39.6	0.1	18.8	0.7
4/26/2016 21:12	0.1	20.7	0.9	44.5	0.1	24.7	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.8	35.6	0.1	24.4	0.6
4/26/2016 21:13	0.1	20.7	0.7	44.5	0.1	21.2	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	35.6	0.1	20.9	0.7
4/26/2016 21:14	0.1	20.7	0.7	43.0	0.1	22.8	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	34.1	0.1	22.5	0.6
4/26/2016 21:15	0.1	20.7	0.7	47.0	0.1	19.5	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	38.1	0.1	19.3	0.7

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/26/2016 21:16	0.1	20.7	0.7	45.0	0.1	21.3	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	36.1	0.1	21.0	0.7
4/26/2016 21:17	0.2	20.7	0.8	50.0	0.1	29.8	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.7	41.2	0.1	29.3	0.7
4/26/2016 21:18	0.2	20.7	0.8	58.0	0.1	33.7	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.7	49.3	0.1	33.1	0.7
4/26/2016 21:19	0.2	20.7	0.7	64.5	0.1	24.2	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	55.9	0.1	23.9	0.9
4/26/2016 21:20	0.2	20.7	0.6	49.0	0.1	15.0	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	40.1	0.1	14.9	1.3
4/26/2016 21:21	0.2	20.7	0.7	39.5	0.1	25.9	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	30.5	0.1	25.5	0.7
4/26/2016 21:22	0.2	20.7	0.6	53.5	0.1	22.6	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	44.7	0.1	22.3	0.7
4/26/2016 21:23	0.2	20.7	1.0	64.5	0.1	45.8	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.9	55.9	0.1	45.0	0.8
4/26/2016 21:24	0.2	20.7	1.1	91.0	0.1	62.5	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.0	82.8	0.1	61.4	0.8
4/26/2016 21:25	0.2	20.6	1.3	117.5	0.1	45.8	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.2	109.8	0.1	45.0	0.9
4/26/2016 21:26	0.2	20.6	1.1	101.5	0.1	42.9	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.0	93.5	0.1	42.2	0.8
4/26/2016 21:27	0.2	20.7	1.1	88.0	0.1	30.8	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.0	79.8	0.1	30.3	0.7
4/26/2016 21:28	0.2	20.7	1.0	68.0	0.1	39.6	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	0.9	59.5	0.1	39.0	0.6
4/26/2016 21:29	0.2	20.7	0.9	77.5	0.1	30.5	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.8	69.1	0.1	30.0	0.6
4/26/2016 21:30	0.2	20.7	0.8	68.5	0.1	25.4	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.7	60.0	0.1	25.1	0.6
4/26/2016 21:31	0.2	20.7	0.6	49.0	0.1	14.6	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	40.1	0.1	14.4	0.6
4/26/2016 21:32	0.2	20.7	0.6	35.5	0.1	20.3	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	26.4	0.1	20.0	0.6
4/26/2016 21:33	0.2	20.7	0.7	47.5	0.1	21.6	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	38.6	0.1	21.3	0.6
4/26/2016 21:34	0.1	20.7	0.5	44.5	0.1	15.9	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	35.6	0.1	15.7	0.5
4/26/2016 21:35	0.1	20.7	0.6	36.0	0.1	14.4	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	26.9	0.0	14.2	0.6
4/26/2016 21:36	0.1	20.7	0.4	33.5	0.1	6.5	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	24.4	0.0	6.5	0.6
4/26/2016 21:37	0.1	20.7	0.3	20.0	0.1	5.7	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.2	10.7	0.0	5.8	0.5
4/26/2016 21:38	0.1	20.7	0.3	14.5	0.1	3.8	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.2	5.1	0.0	3.9	0.5
4/26/2016 21:39	0.1	20.7	0.2	11.0	0.1	3.3	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.1	1.5	0.0	3.4	0.5
4/26/2016 21:40	0.1	20.7	0.2	12.0	0.1	3.9	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.1	2.5	0.0	4.0	0.5
4/26/2016 21:41	0.1	20.7	0.4	18.0	0.1	10.4	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	8.6	0.0	10.3	0.5
4/26/2016 21:42	0.1	20.7	0.4	28.5	0.1	6.0	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	19.3	0.0	6.1	0.5
4/26/2016 21:43	0.1	20.7	0.4	26.5	0.1	9.6	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	17.3	0.0	9.5	0.5
4/26/2016 21:44	0.1	20.7	0.6	40.5	0.1	30.9	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	31.5	0.0	30.5	0.6
4/26/2016 21:45	0.1	20.7	0.5	60.0	0.1	5.2	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	51.3	0.0	5.3	0.6
4/26/2016 21:46	0.1	20.7	0.4	20.0	0.1	3.4	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.9	0.3	10.7	0.0	3.5	0.5
4/26/2016 21:47	0.1	20.7	0.6	24.5	0.1	21.8	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	15.2	0.0	21.5	0.5
4/26/2016 21:48	0.1	20.7	0.5	47.0	0.1	7.0	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	38.1	0.0	7.0	0.5
4/26/2016 21:49	0.1	20.7	0.4	21.0	0.1	3.1	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.9	0.3	11.7	0.0	3.2	0.5
4/26/2016 21:50	0.1	20.7	0.4	12.5	0.1	5.9	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.9	0.3	3.0	0.0	6.0	0.5
4/26/2016 21:51	0.1	20.7	0.5	22.5	0.1	10.6	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.0	20.9	0.4	13.2	0.0	10.6	0.5
4/26/2016 21:52	0.1	20.7	0.5	33.5	0.1	9.4	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	24.4	0.0	9.4	0.5
4/26/2016 21:53	0.1	20.7	0.7	42.5	0.1	28.2	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	33.5	0.0	27.8	0.5
4/26/2016 21:54	0.1	20.7	0.7	70.0	0.1	22.8	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	0.6	61.5	0.0	22.5	0.6
4/26/2016 21:55	0.1	20.7	0.9	65.0	0.1	29.5	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	0.8	56.4	0.0	29.0	1.1
4/26/2016 21:56	0.1	20.7	0.8	71.5	0.1	22.8	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	0.7	63.0	0.1	22.5	0.9
4/26/2016 21:57	0.1	20.7	0.8	63.5	0.1	30.5	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	0.7	54.9	0.0	30.1	0.5
4/26/2016 21:58	0.2	20.6	1.0	84.5	0.1	41.0	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	0.9	76.2	0.1	40.4	0.5
4/26/2016 21:59	0.2	20.6	1.0	94.0	0.1	44.6	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	0.9	85.9	0.1	43.9	0.5
4/26/2016 22:00	0.2	20.6	1.0	93.5	0.1	31.4	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	0.9	85.4	0.1	30.9	0.5
4/26/2016 22:01	0.2	20.7	0.7	74.5	0.1	26.7	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	0.6	66.1	0.1	26.3	0.5
4/26/2016 22:02	0.2	20.7	0.7	70.0	0.1	26.7	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	61.5	0.1	26.3	0.5
4/26/2016 22:03	0.2	20.7	0.8	73.0	0.1	35.1	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	0.7	64.5	0.1	34.6	0.5
4/26/2016 22:04	0.2	20.7	0.7	71.5	0.1	19.0	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	63.0	0.1	18.7	0.4
4/26/2016 22:05	0.1	20.7	0.6	50.5	0.1	17.6	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	41.7	0.1	17.4	0.4
4/26/2016 22:06	0.1	20.7	0.6	45.5	0.1	12.6	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	36.6	0.1	12.5	0.6
4/26/2016 22:07	0.1	20.7	0.5	33.0	0.1	10.3	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	23.9	0.1	10.2	0.8
4/26/2016 22:08	0.2	20.7	0.5	33.0	0.1	12.9	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	23.9	0.0	12.8	1.1
4/26/2016 22:09	0.2	20.7	0.5	34.5	0.1	16.5	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	25.4	0.0	16.3	0.6
4/26/2016 22:10	0.2	20.7	0.6	52.0	0.1	16.1	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	43.2	0.0	15.9	0.5
4/26/2016 22:11	0.2	20.7	0.4	41.0	0.1	9.7	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	32.0	0.0	9.6	0.4
4/26/2016 22:12	0.2	20.7	0.4	31.0	0.1	9.0	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	21.9	0.0	8.9	0.4
4/26/2016 22:13	0.2	20.7	0.3	28.5	0.1	5.9	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.2	19.3	0.0	6.0	0.4
4/26/2016 22:14	0.2	20.7	0.4	22.5	0.1	6.8	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	13.2	0.0	6.8	0.4

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/26/2016 22:15	0.2	20.7	0.4	21.5	0.1	3.3	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	12.2	0.0	3.4	0.4
4/26/2016 22:16	0.2	20.7	0.3	16.5	0.1	4.5	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.2	7.1	0.0	4.6	0.4
4/26/2016 22:17	0.2	20.7	0.3	22.0	0.1	8.8	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.2	12.7	0.0	8.8	0.3
4/26/2016 22:18	0.2	20.7	0.5	34.0	0.1	12.9	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	24.9	0.0	12.8	0.4
4/26/2016 22:19	0.2	20.7	0.5	42.0	0.1	10.1	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	33.0	0.0	10.1	0.4
4/26/2016 22:20	0.2	20.7	0.6	43.5	0.1	17.9	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	34.6	0.0	17.7	0.4
4/26/2016 22:21	0.2	20.7	0.5	47.5	0.1	13.1	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	38.6	0.0	13.0	0.4
4/26/2016 22:22	0.2	20.7	0.5	42.0	0.1	15.4	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.4	33.0	0.0	15.2	0.4
4/26/2016 22:23	0.2	20.7	0.5	45.0	0.1	16.5	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.4	36.1	0.0	16.3	0.4
4/26/2016 22:24	0.2	20.7	0.6	41.5	0.1	16.3	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	32.5	0.0	16.1	0.4
4/26/2016 22:25	0.2	20.7	0.7	50.5	0.1	11.7	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.6	41.7	0.0	11.6	0.4
4/26/2016 22:26	0.2	20.7	0.7	43.5	0.1	15.9	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.6	34.6	0.0	15.7	0.4
4/26/2016 22:27	0.2	20.7	0.6	44.0	0.1	13.4	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	35.1	0.0	13.3	0.4
4/26/2016 22:28	0.2	20.6	1.0	55.0	0.1	28.5	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.9	46.2	0.0	28.1	0.4
4/26/2016 22:29	0.2	20.6	0.9	74.5	0.1	36.2	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.8	66.1	0.0	35.6	0.5
4/26/2016 22:30	0.2	20.7	0.8	73.5	0.1	23.6	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.7	65.1	0.1	23.3	0.4
4/26/2016 22:31	0.2	20.7	0.9	68.5	0.1	35.8	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.8	60.0	0.1	35.2	0.4
4/26/2016 22:32	0.2	20.7	0.8	74.0	0.1	32.1	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.7	65.6	0.1	31.6	0.4
4/26/2016 22:33	0.2	20.6	1.1	85.5	0.1	46.0	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.0	77.3	0.1	45.2	0.5
4/26/2016 22:34	0.2	20.6	1.0	93.0	0.1	43.3	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.9	84.9	0.1	42.6	0.4
4/26/2016 22:35	0.2	20.6	1.2	98.5	0.1	46.7	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.1	90.5	0.0	45.9	0.5
4/26/2016 22:36	0.2	20.6	1.1	90.5	0.1	41.2	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.0	82.3	0.1	40.5	0.4
4/26/2016 22:37	0.2	20.6	1.9	96.0	0.1	53.2	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.8	87.9	0.1	52.3	0.5
4/26/2016 22:38	0.2	20.6	1.4	96.5	0.1	32.3	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.3	88.4	0.1	31.8	0.4
4/26/2016 22:39	0.2	20.6	1.7	85.0	0.1	46.4	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.6	76.7	0.1	45.6	0.5
4/26/2016 22:40	0.2	20.6	1.4	90.5	0.1	31.6	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.3	82.3	0.1	31.1	0.4
4/26/2016 22:41	0.2	20.7	1.0	67.5	0.1	30.0	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.9	59.0	0.1	29.6	0.4
4/26/2016 22:42	0.2	20.7	1.0	58.0	0.1	25.8	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	0.9	49.3	0.0	25.4	0.4
4/26/2016 22:43	0.2	20.7	0.8	49.5	0.1	18.0	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.7	40.7	0.0	17.8	0.4
4/26/2016 22:44	0.2	20.6	1.3	56.5	0.1	40.4	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.8	1.2	47.8	0.1	39.8	0.5
4/26/2016 22:45	0.2	20.6	1.4	87.5	0.1	75.3	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.3	79.3	0.1	74.0	0.5
4/26/2016 22:46	0.3	20.6	2.2	162.0	0.1	87.1	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	2.1	155.0	0.1	85.5	0.9
4/26/2016 22:47	0.2	20.6	2.2	187.0	0.1	91.3	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.7	2.1	180.4	0.1	89.6	0.9
4/26/2016 22:48	0.2	20.6	1.6	143.5	0.1	43.9	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.5	136.2	0.1	43.1	0.6
4/26/2016 22:49	0.2	20.6	1.8	96.0	0.1	68.1	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.7	87.9	0.1	66.9	0.6
4/26/2016 22:50	0.2	20.6	1.2	103.5	0.1	19.9	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.1	95.5	0.1	19.7	0.5
4/26/2016 22:51	0.1	20.7	0.6	32.5	0.1	8.0	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	23.4	0.1	8.0	0.2
4/26/2016 22:52	0.1	20.7	0.5	11.5	0.1	6.5	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	2.0	0.0	6.5	0.3
4/26/2016 22:53	0.1	20.7	0.4	12.0	0.1	6.6	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	2.5	0.1	6.6	0.3
4/26/2016 22:54	0.1	20.7	0.7	21.0	0.1	12.8	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	11.7	0.0	12.7	0.3
4/26/2016 22:55	0.2	20.7	0.6	30.0	0.1	8.5	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	20.8	0.0	8.5	0.3
4/26/2016 22:56	0.2	20.7	1.0	31.0	0.1	25.4	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.9	21.9	0.0	25.0	0.3
4/26/2016 22:57	0.2	20.6	1.4	68.0	0.1	35.1	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.3	59.5	0.0	34.5	0.5
4/26/2016 22:58	0.2	20.6	1.2	75.0	0.1	25.7	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.1	66.6	0.0	25.4	0.5
4/26/2016 22:59	0.2	20.6	1.0	61.5	0.1	33.8	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.9	52.9	0.0	33.3	0.4
4/26/2016 23:00	0.2	20.6	1.0	70.5	0.1	15.9	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.9	62.0	0.0	15.7	0.5
4/26/2016 23:01	0.2	20.7	0.6	33.5	0.1	6.8	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	24.4	0.0	6.8	0.3
4/26/2016 23:02	0.2	20.7	0.5	17.0	0.1	5.4	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	7.6	0.0	5.5	0.2
4/26/2016 23:03	0.2	20.7	0.5	14.5	0.1	3.7	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	5.1	0.0	3.7	0.2
4/26/2016 23:04	0.2	20.7	0.6	14.5	0.1	5.7	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	5.1	0.0	5.7	0.2
4/26/2016 23:05	0.2	20.7	0.5	19.5	0.1	13.1	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	10.2	0.0	13.0	0.3
4/26/2016 23:06	0.2	20.6	1.0	46.5	0.1	35.6	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.9	37.6	0.0	35.0	0.5
4/26/2016 23:07	0.2	20.6	1.1	82.0	0.1	25.8	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.0	73.7	0.0	25.4	0.7
4/26/2016 23:08	0.2	20.6	1.2	70.5	0.1	30.6	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.1	62.0	0.0	30.2	0.3
4/26/2016 23:09	0.2	20.7	1.0	61.0	0.1	9.2	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.9	52.3	0.0	9.1	0.4
4/26/2016 23:10	0.2	20.7	1.0	30.5	0.1	16.0	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.9	21.3	0.0	15.8	1.3
4/26/2016 23:11	0.2	20.6	1.5	47.5	0.1	31.9	0.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.4	38.6	0.0	31.4	0.0
4/26/2016 23:12	0.3	20.6	1.7	88.5	0.1	49.8	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.6	80.3	0.0	48.9	0.5
4/26/2016 23:13	0.2	20.6	1.3	98.0	0.1	19.6	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.2	90.0	0.0	19.4	0.9

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/26/2016 23:14	0.2	20.7	0.8	41.5	0.1	5.8	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.7	32.5	0.0	5.9	0.4
4/26/2016 23:15	0.2	20.7	0.6	16.5	0.1	6.0	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	7.1	0.0	6.1	1.2
4/26/2016 23:16	0.2	20.7	0.6	22.5	0.1	6.7	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	13.2	0.0	6.7	0.9
4/26/2016 23:17	0.2	20.7	0.5	20.5	0.1	4.1	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	11.2	0.0	4.2	0.4
4/26/2016 23:18	0.2	20.7	0.5	15.0	0.1	4.9	1.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	5.6	0.0	5.0	1.4
4/26/2016 23:19	0.2	20.7	0.6	19.0	0.1	7.1	1.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	9.7	0.0	7.1	1.3
4/26/2016 23:20	0.2	20.7	0.5	22.5	0.0	2.6	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	13.2	0.0	2.7	1.0
4/26/2016 23:21	0.2	20.7	0.4	14.0	0.1	3.2	0.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	4.6	0.0	3.3	0.2
4/26/2016 23:22	0.2	20.7	0.5	15.0	0.1	2.9	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	5.6	0.0	3.0	0.3
4/26/2016 23:23	0.2	20.7	0.4	14.5	0.0	1.0	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	5.1	0.0	1.2	0.6
4/26/2016 23:24	0.2	20.7	0.4	10.5	0.0	0.5	2.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	1.0	0.0	0.6	2.8
4/26/2016 23:25	0.2	20.7	0.4	11.0	0.0	0.6	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	1.5	0.0	0.7	1.0
4/26/2016 23:26	0.2	20.7	0.3	11.0	0.0	0.7	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.2	1.5	0.0	0.8	0.2
4/26/2016 23:27	0.2	20.7	0.4	12.0	0.0	1.6	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	2.5	0.0	1.7	0.2
4/26/2016 23:28	0.2	20.7	0.4	16.5	0.0	7.3	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	7.1	0.0	7.3	0.2
4/26/2016 23:29	0.2	20.7	0.6	29.0	0.0	11.8	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	19.8	0.0	11.7	0.2
4/26/2016 23:30	0.2	20.7	0.7	41.0	0.1	18.3	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.6	32.0	0.0	18.1	0.3
4/26/2016 23:31	0.2	20.7	0.5	42.0	0.0	11.5	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.4	33.0	0.0	11.4	0.3
4/26/2016 23:32	0.2	20.7	0.6	37.0	0.1	27.4	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	28.0	0.0	27.0	0.3
4/26/2016 23:33	0.2	20.6	0.7	57.5	0.1	20.6	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.6	48.8	0.0	20.3	0.3
4/26/2016 23:34	0.2	20.7	0.6	48.5	0.1	11.8	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.5	39.6	0.0	11.7	0.2
4/26/2016 23:35	0.2	20.7	0.6	35.0	0.1	16.9	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	25.9	0.0	16.7	0.2
4/26/2016 23:36	0.2	20.6	0.9	50.5	0.1	26.2	1.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.8	41.7	0.0	25.8	2.0
4/26/2016 23:37	0.2	20.7	0.8	60.5	0.1	24.7	1.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.7	51.8	0.0	24.4	2.1
4/26/2016 23:38	0.2	20.7	0.6	49.5	0.1	16.1	0.8	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	40.7	0.0	15.9	0.9
4/26/2016 23:39	0.2	20.7	0.6	40.0	0.1	13.6	3.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	31.0	0.0	13.5	3.3
4/26/2016 23:40	0.2	20.7	0.6	40.0	0.1	19.5	2.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	31.0	0.0	19.3	2.9
4/26/2016 23:41	0.2	20.7	0.7	49.5	0.1	20.6	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.6	40.7	0.0	20.3	0.7
4/26/2016 23:42	0.2	20.7	0.6	43.0	0.1	16.5	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	34.1	0.0	16.3	0.3
4/26/2016 23:43	0.3	20.6	0.9	49.5	0.1	23.0	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.8	40.7	0.0	22.7	0.3
4/26/2016 23:44	0.3	20.7	0.9	60.5	0.1	17.9	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.8	51.8	0.0	17.7	0.3
4/26/2016 23:45	0.2	20.7	0.6	43.0	0.1	13.0	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	34.1	0.0	12.9	0.3
4/26/2016 23:46	0.2	20.7	0.6	34.5	0.1	9.2	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	25.4	0.0	9.1	0.3
4/26/2016 23:47	0.2	20.7	0.5	27.0	0.1	4.0	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.4	17.8	0.0	4.0	0.2
4/26/2016 23:48	0.2	20.7	0.4	14.0	0.1	1.0	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	4.6	0.0	1.1	0.2
4/26/2016 23:49	0.2	20.7	0.4	10.0	0.1	0.4	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	0.5	0.0	0.5	0.2
4/26/2016 23:50	0.2	20.7	0.4	10.0	0.1	0.2	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	0.5	0.0	0.4	0.3
4/26/2016 23:51	0.2	20.7	0.4	10.0	0.1	0.2	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	0.5	0.0	0.4	0.3
4/26/2016 23:52	0.2	20.7	0.4	11.5	0.0	1.1	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	2.0	0.0	1.2	0.3
4/26/2016 23:53	0.2	20.7	0.3	11.5	0.0	0.2	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.2	2.0	0.0	0.3	0.3
4/26/2016 23:54	0.2	20.7	0.2	10.5	0.0	-0.1	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.1	1.0	0.0	0.1	0.3
4/26/2016 23:55	0.2	20.7	0.2	11.5	0.0	2.7	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.1	2.0	0.0	2.8	0.3
4/26/2016 23:56	0.2	20.7	0.2	14.5	0.0	1.5	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.1	5.1	0.0	1.6	0.3
4/26/2016 23:57	0.2	20.7	0.3	14.5	0.0	2.6	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.2	5.1	0.0	2.7	0.3
4/26/2016 23:58	0.2	20.7	0.2	15.0	0.0	2.8	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.1	5.6	0.0	2.9	0.3
4/26/2016 23:59	0.2	20.7	0.3	16.0	0.0	2.0	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.2	6.6	0.0	2.1	0.3
4/27/2016 0:00	0.2	20.7	0.2	15.5	0.0	1.8	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.1	6.1	0.0	1.9	0.3
4/27/2016 0:01	0.2	20.7	0.2	13.0	0.0	1.3	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.1	3.6	0.0	1.4	0.3
4/27/2016 0:02	0.3	20.7	0.2	14.0	0.1	4.3	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.1	4.6	0.0	4.3	0.3
4/27/2016 0:03	0.3	20.7	0.3	19.5	0.1	5.4	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.2	10.2	0.0	5.5	0.3
4/27/2016 0:04	0.3	20.7	0.4	24.5	0.1	13.3	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	15.2	0.0	13.2	0.3
4/27/2016 0:05	0.3	20.7	0.4	36.0	0.1	11.7	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	26.9	0.0	11.6	0.4
4/27/2016 0:06	0.3	20.7	0.4	31.5	0.1	9.2	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	22.4	0.0	9.2	0.3
4/27/2016 0:07	0.3	20.7	0.4	29.5	0.1	12.8	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	20.3	0.0	12.7	0.4
4/27/2016 0:08	0.3	20.7	0.4	33.5	0.1	12.2	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	24.4	0.0	12.1	0.3
4/27/2016 0:09	0.3	20.7	0.4	34.5	0.1	11.4	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	25.4	0.0	11.3	0.4
4/27/2016 0:10	0.2	20.7	0.4	32.5	0.1	13.1	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	23.4	0.0	13.0	0.4
4/27/2016 0:11	0.2	20.7	0.4	34.5	0.1	15.0	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	25.4	0.0	14.8	0.4
4/27/2016 0:12	0.2	20.7	0.4	37.5	0.1	13.9	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	28.5	0.0	13.7	0.4

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/27/2016 0:13	0.2	20.7	0.4	34.5	0.1	15.6	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	25.4	0.0	15.4	0.3
4/27/2016 0:14	0.2	20.7	0.5	40.5	0.1	18.0	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.4	31.5	0.0	17.8	0.4
4/27/2016 0:15	0.2	20.7	0.5	42.0	0.1	13.5	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.4	33.0	0.0	13.4	0.4
4/27/2016 0:16	0.2	20.7	0.5	37.5	0.1	16.2	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.4	28.5	0.0	16.0	0.4
4/27/2016 0:17	0.2	20.7	0.7	38.5	0.1	16.2	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.6	29.5	0.0	16.0	0.4
4/27/2016 0:18	0.2	20.7	0.7	40.5	0.1	15.8	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.6	31.5	0.0	15.7	0.4
4/27/2016 0:19	0.2	20.7	0.8	38.0	0.1	18.8	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.7	29.0	0.0	18.6	0.4
4/27/2016 0:20	0.2	20.6	1.8	59.5	0.1	40.7	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.7	50.8	0.1	40.0	0.4
4/27/2016 0:21	0.2	20.6	1.5	89.5	0.1	38.0	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.4	81.3	0.1	37.4	0.5
4/27/2016 0:22	0.2	20.6	1.5	69.5	0.1	22.9	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.4	61.0	0.1	22.6	0.3
4/27/2016 0:23	0.2	20.7	1.1	46.5	0.1	18.5	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	1.0	37.6	0.1	18.3	0.3
4/27/2016 0:24	0.2	20.7	0.8	39.0	0.1	8.5	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.7	30.0	0.0	8.5	0.4
4/27/2016 0:25	0.2	20.7	0.5	22.0	0.1	6.2	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	12.7	0.0	6.2	0.4
4/27/2016 0:26	0.2	20.7	0.4	16.5	0.1	3.1	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	7.1	0.0	3.2	0.3
4/27/2016 0:27	0.2	20.7	0.4	13.0	0.1	3.2	0.2	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	3.6	0.0	3.3	0.3
4/27/2016 0:28	0.2	20.7	0.3	14.0	0.1	4.9	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.2	4.6	0.0	4.9	0.3
4/27/2016 0:29	0.2	20.7	0.3	16.0	0.1	6.5	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.2	6.6	0.0	6.5	0.3
4/27/2016 0:30	0.2	20.7	0.4	20.0	0.0	3.6	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	10.7	0.0	3.7	0.4
4/27/2016 0:31	0.2	20.7	0.4	17.5	0.0	5.4	0.3	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	8.1	0.0	5.4	0.3
4/27/2016 0:32	0.2	20.7	0.6	22.5	0.0	18.1	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	13.2	0.0	17.9	0.4
4/27/2016 0:33	0.3	20.7	0.9	44.0	0.1	18.5	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.8	35.1	0.0	18.3	0.5
4/27/2016 0:34	0.3	20.6	1.5	56.5	0.1	56.9	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.4	47.8	0.0	55.9	0.6
4/27/2016 0:35	0.3	20.6	1.2	103.0	0.1	20.9	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.8	1.1	95.0	0.0	20.6	0.8
4/27/2016 0:36	0.2	20.7	0.7	47.5	0.1	9.8	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.6	38.6	0.0	9.8	0.6
4/27/2016 0:37	0.2	20.7	0.5	21.5	0.1	6.8	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.4	12.2	0.0	6.8	0.5
4/27/2016 0:38	0.2	20.7	0.4	17.5	0.1	4.5	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	8.1	0.0	4.5	0.4
4/27/2016 0:39	0.2	20.7	0.4	16.5	0.1	6.5	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	7.1	0.0	6.5	0.4
4/27/2016 0:40	0.2	20.7	0.5	23.5	0.1	14.8	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.4	14.2	0.0	14.6	0.4
4/27/2016 0:41	0.2	20.7	0.6	37.5	0.1	13.0	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	28.5	0.0	12.9	0.5
4/27/2016 0:42	0.2	20.7	0.4	29.5	0.1	7.4	0.4	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.3	20.3	0.0	7.4	0.4
4/27/2016 0:43	0.2	20.7	0.6	33.5	0.1	25.9	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	24.4	0.0	25.6	0.5
4/27/2016 0:44	0.2	20.7	0.6	53.5	0.1	18.6	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	44.7	0.0	18.3	0.6
4/27/2016 0:45	0.2	20.7	0.7	45.5	0.1	28.8	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.6	36.6	0.0	28.3	0.5
4/27/2016 0:46	0.2	20.7	0.8	60.0	0.1	18.8	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.7	51.3	0.0	18.6	0.6
4/27/2016 0:47	0.2	20.7	0.6	42.0	0.1	12.9	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	33.0	0.0	12.8	0.5
4/27/2016 0:48	0.2	20.7	0.6	33.0	0.1	21.0	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	23.9	0.0	20.8	0.5
4/27/2016 0:49	0.3	20.6	0.8	61.5	0.1	38.8	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.7	52.9	0.0	38.2	0.7
4/27/2016 0:50	0.2	20.7	0.7	72.5	0.1	37.0	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.6	64.0	0.0	36.4	0.7
4/27/2016 0:51	0.3	20.7	0.7	73.5	0.1	33.0	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.6	65.1	0.0	32.5	0.7
4/27/2016 0:52	0.2	20.7	0.7	64.0	0.1	24.5	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.6	55.4	0.0	24.1	0.6
4/27/2016 0:53	0.2	20.7	0.6	52.0	0.1	19.7	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.5	43.2	0.0	19.4	0.6
4/27/2016 0:54	0.2	20.7	0.7	48.5	0.1	37.0	0.6	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.9	0.6	39.6	0.0	36.4	0.6
4/27/2016 0:55	0.3	20.6	0.9	80.0	0.1	59.0	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	0.8	71.7	0.0	57.9	0.7
4/27/2016 0:56	0.3	20.6	1.4	129.5	0.1	66.0	0.9	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.8	1.3	122.0	0.1	64.8	0.9
4/27/2016 0:57	0.3	20.6	1.8	169.0	0.1	99.3	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.8	1.7	162.1	0.1	97.5	1.1
4/27/2016 0:58	0.3	20.6	2.0	213.5	0.1	94.2	1.1	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	1.9	207.4	0.1	92.5	1.2
4/27/2016 0:59	0.3	20.6	2.3	202.0	0.1	88.9	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	2.2	195.7	0.1	87.2	1.1
4/27/2016 1:00	0.3	20.6	2.3	193.0	0.1	100.9	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.7	2.2	186.5	0.1	99.1	1.0
4/27/2016 1:01	0.3	20.6	2.1	192.0	0.1	92.5	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.8	2.0	185.5	0.1	90.8	1.1
4/27/2016 1:02	0.3	20.6	2.0	181.5	0.1	78.4	1.0	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.3	20.8	1.9	174.8	0.1	77.0	1.0
4/27/2016 1:03	0.2	20.7	1.3	125.0	0.1	25.2	0.7	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.2	20.8	1.2	117.4	0.1	24.8	0.7
4/27/2016 1:04	0.2	20.7	0.7	37.0	0.1	14.2	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.6	28.0	0.1	14.1	0.5
4/27/2016 1:05	0.2	20.7	0.6	18.5	0.1	12.5	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.5	9.1	0.1	12.4	0.5
4/27/2016 1:06	0.2	20.7	0.5	22.0	0.1	12.3	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	12.7	0.1	12.2	0.5
4/27/2016 1:07	0.2	20.7	0.4	23.0	0.1	9.8	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	13.7	0.1	9.8	0.5
4/27/2016 1:08	0.2	20.7	0.5	21.0	0.1	14.8	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.4	11.7	0.0	14.7	0.5
4/27/2016 1:09	0.2	20.7	0.4	26.0	0.1	8.4	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	16.8	0.0	8.4	0.5
4/27/2016 1:10	0.2	20.7	0.4	21.5	0.1	10.9	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	12.2	0.0	10.8	0.5
4/27/2016 1:11	0.2	20.7	0.4	22.5	0.1	8.2	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	13.2	0.0	8.2	0.6

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Guantanamo Bay, Cuba
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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/27/2016 1:12	0.2	20.7	0.4	20.0	0.1	5.5	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.3	10.7	0.0	5.6	0.5
4/27/2016 1:13	0.1	20.7	0.3	15.5	0.1	6.5	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.2	6.1	0.0	6.5	0.5
4/27/2016 1:14	0.1	20.7	0.3	16.5	0.1	4.4	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.2	7.1	0.0	4.5	0.5
4/27/2016 1:15	0.1	20.7	0.3	14.0	0.1	3.6	0.5	Night 2 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.1	25.2	25.1	9.5	261.8	256.4	0.0	13.6	14.8	-0.2	14.6	14.4	1.059	0.1	20.9	0.2	4.6	0.0	3.7	0.5
	0.2	**20.6**	**1.6**	**102.3**	**0.1**	**55.5**	**0.9**	**Night 2 Average**																				**0.2**	**20.8**	**1.5**	**94.3**	**0.1**	**54.6**	**0.9**
4/27/2016 1:16	0.2	20.7	0.2	12.0	0.1	3.2	0.5																											
4/27/2016 1:17	0.2	20.7	0.2	13.0	0.1	4.0	0.5																											
4/27/2016 1:18	0.6	19.2	0.2	15.0	0.0	2.8	0.1																											
4/27/2016 1:19	9.1	11.6	0.1	11.0	0.1	1.1	0.3																											
4/27/2016 1:20	10.9	10.9	0.1	8.0	0.1	0.7	0.4																											
4/27/2016 1:21	11.0	10.9	0.1	7.5	0.0	0.5	0.5																											
4/27/2016 1:22	11.0	**10.9**	0.1	7.5	**0.0**	0.3	0.5	**10.98 O2, Zero SO2 Bias Check**																										
4/27/2016 1:23	10.6	10.0	5.5	14.0	0.1	1.0	0.2																											
4/27/2016 1:24	4.1	1.0	25.3	140.5	0.3	1.8	0.0																											
4/27/2016 1:25	2.6	0.1	25.4	241.0	0.5	1.6	0.0																											
4/27/2016 1:26	2.5	0.1	25.4	259.0	0.5	1.3	0.0																											
4/27/2016 1:27	**2.5**	**0.1**	**25.5**	**259.5**	**0.5**	1.1	0.0	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																										
4/27/2016 1:28	2.5	1.7	21.1	254.0	0.5	-0.4	0.1																											
4/27/2016 1:29	0.7	18.5	0.2	120.5	0.2	-0.4	0.4																											
4/27/2016 1:30	0.1	20.7	0.1	16.5	7.5	-0.4	0.0																											
4/27/2016 1:31	**0.1**	20.7	**0.1**	**7.5**	**13.6**	**-0.4**	0.0	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																										
4/27/2016 1:32	0.1	20.7	0.1	7.5	11.5	-0.4	0.0																											
4/27/2016 1:33	0.1	20.0	0.2	7.5	6.6	3.5	0.0																											
4/27/2016 1:34	0.1	2.9	0.1	7.5	1.2	14.5	1.2																											
4/27/2016 1:35	0.1	0.1	0.1	7.5	0.7	**14.5**	0.4	**14.4 C3H8 Bias Check**																										
4/27/2016 1:36	0.1	0.1	0.1	7.5	0.5	14.5	0.5																											
4/27/2016 1:37	0.1	0.1	0.1	7.5	0.4	14.5	0.5																											
4/27/2016 1:38	0.1	1.0	0.1	7.5	0.3	9.2	0.4																											
4/27/2016 1:39	0.1	17.6	0.2	7.5	0.2	0.6	3.6																											
4/27/2016 1:40	0.1	0.1	0.2	8.0	0.2	0.1	8.9																											
4/27/2016 1:41	0.1	0.1	0.1	8.0	0.1	-0.5	**9.1**	**9.98 H2S Bias Check**																										
4/27/2016 1:42	0.1	0.1	0.1	8.0	0.1	-0.7	9.0																											
4/27/2016 1:43	0.1	0.1	0.1	8.0	0.1	-0.8	5.4																											
4/27/2016 1:44	0.1	20.7	0.1	8.0	0.1	-0.9	0.5																											
4/27/2016 1:45	0.1	20.7	0.1	8.0	0.1	-1.0	0.0																											
4/27/2016 15:15	0.0	20.7	0.1	16.5	0.0	-2.5	0.0																											
4/27/2016 15:16	0.1	20.7	0.2	19.0	0.0	-2.0	0.0																											
4/27/2016 15:17	0.0	20.7	0.2	19.0	0.0	-2.1	0.0																											
4/27/2016 15:18	0.0	20.7	0.1	18.0	0.0	-2.9	0.0																											
4/27/2016 15:19	0.0	20.7	0.3	19.5	0.0	2.0	0.2																											
4/27/2016 15:20	0.1	20.7	0.4	31.0	0.0	0.1	0.1																											
4/27/2016 15:21	0.1	20.7	0.2	25.5	0.0	-1.8	0.1																											
4/27/2016 15:22	0.0	20.7	0.1	18.0	0.0	-2.8	0.1																											
4/27/2016 15:23	0.1	20.7	0.2	16.5	0.0	-1.5	0.2																											
4/27/2016 15:24	0.1	20.7	0.4	24.5	0.0	2.8	0.1																											
4/27/2016 15:25	0.1	20.7	0.3	31.5	0.0	-0.2	0.2																											
4/27/2016 15:26	0.1	20.7	0.4	27.0	0.0	3.6	0.2																											
4/27/2016 15:27	0.1	20.7	0.4	33.0	0.0	1.3	0.2																											
4/27/2016 15:28	1.1	18.0	0.3	28.5	0.0	0.4	-0.3																											
4/27/2016 15:29	9.7	11.3	0.1	16.0	0.0	0.2	0.1																											
4/27/2016 15:30	10.8	11.0	0.1	10.0	0.0	0.1	0.1																											
4/27/2016 15:31	10.8	10.9	0.1	9.5	0.0	0.0	0.2																											
4/27/2016 15:32	10.8	**11.0**	0.1	9.5	**0.0**	0.7	0.3	**10.98 O2, Zero SO2 Bias Check**																										
4/27/2016 15:33	9.9	8.9	9.0	25.0	0.1	1.0	0.0																											
4/27/2016 15:34	3.2	0.6	25.0	164.5	0.4	0.9	0.1																											
4/27/2016 15:35	2.4	0.1	25.0	249.0	0.6	0.9	0.3																											
4/27/2016 15:36	2.4	0.1	25.0	261.5	0.7	0.9	0.2																											
4/27/2016 15:37	**2.5**	**0.1**	**25.1**	**262.0**	0.7	-0.1	0.3	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																										
4/27/2016 15:38	2.2	3.7	17.0	247.5	0.6	-1.0	0.3																											

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	Uncorrected Data								Correction Variables																	Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/27/2016 15:39	0.3	19.5	0.2	98.5	1.0	-1.0	0.3																									
4/27/2016 15:40	0.0	20.7	0.3	15.0	4.8	-1.1	0.3																									
4/27/2016 15:41	**0.0**	20.8	**0.4**	**9.5**	**13.9**	**-1.1**	0.3	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																									
4/27/2016 15:42	0.0	20.8	0.4	9.5	13.9	6.8	0.3																									
4/27/2016 15:43	0.0	18.4	0.4	9.5	6.9	14.3	0.3																									
4/27/2016 15:44	0.0	1.5	0.2	9.5	8.8	14.3	0.3																									
4/27/2016 15:45	0.0	0.2	0.1	9.5	3.1	14.4	0.3																									
4/27/2016 15:46	0.0	0.1	0.1	9.5	1.7	**14.3**	0.3	**14.4 C3H8 Bias Check**																									
4/27/2016 15:47	0.0	0.1	0.1	9.5	1.1	8.0	0.3																									
4/27/2016 15:48	0.0	2.7	0.1	9.5	0.7	3.6	0.3																									
4/27/2016 15:49	0.0	19.0	0.2	13.0	0.5	0.3	0.3																									
4/27/2016 15:50	0.0	20.7	0.2	16.0	0.4	0.3	0.3																									
4/27/2016 15:51	0.1	20.7	0.4	20.5	0.3	0.3	0.3																									
4/27/2016 15:52	0.1	20.7	0.4	30.0	0.2	0.3	0.3																									
4/27/2016 15:53	0.1	20.7	0.3	25.5	0.2	0.3	0.5																									
4/27/2016 15:54	0.0	20.7	0.2	18.0	0.2	0.3	0.5																									
4/27/2016 15:55	0.0	20.7	0.3	16.5	0.1	0.3	0.5																									
4/27/2016 15:56	0.1	20.7	0.4	18.5	0.1	0.3	0.6																									
4/27/2016 15:57	0.0	20.7	0.2	16.5	0.1	0.3	0.5																									
4/27/2016 15:58	0.0	20.7	0.3	16.5	0.1	0.3	0.5																									
4/27/2016 15:59	0.1	20.7	0.2	17.5	0.1	0.3	0.6																									
4/27/2016 16:00	0.0	20.7	0.3	16.0	0.1	0.3	0.6																									
4/27/2016 16:01	0.1	20.7	0.3	15.5	0.1	0.3	0.5																									
4/27/2016 16:02	0.0	20.7	0.3	16.0	0.1	0.3	0.5																									
4/27/2016 16:03	0.0	20.7	0.3	16.0	0.1	0.3	0.6																									
4/27/2016 16:04	0.0	20.7	0.2	16.0	0.1	0.3	0.5																									
4/27/2016 16:05	0.0	20.7	0.3	15.5	0.1	0.3	0.6																									
4/27/2016 16:06	0.1	20.7	0.3	17.0	0.1	0.3	0.6																									
4/27/2016 16:07	0.0	20.7	0.1	17.0	0.1	0.3	0.6																									
4/27/2016 16:08	0.0	20.7	0.2	16.5	0.1	0.3	0.6																									
4/27/2016 16:09	0.0	20.7	0.1	16.5	0.1	0.3	0.6																									
4/27/2016 16:10	0.1	20.7	0.4	16.5	0.1	0.3	0.6																									
4/27/2016 16:11	0.1	20.7	0.4	20.5	0.1	0.3	0.6																									
4/27/2016 16:12	0.1	20.7	0.4	22.0	0.1	0.3	0.6																									
4/27/2016 16:13	0.1	20.7	0.3	21.5	0.1	0.3	0.6																									
4/27/2016 16:14	0.0	20.7	0.2	19.5	0.1	0.3	0.6																									
4/27/2016 16:15	0.0	20.7	0.2	16.5	0.1	0.3	0.6																									
4/27/2016 16:16	0.0	20.7	0.2	16.5	0.1	0.3	0.6																									
4/27/2016 16:17	0.0	20.7	0.1	14.0	0.0	0.3	0.7																									
4/27/2016 16:18	0.1	20.7	0.1	13.5	0.1	0.3	0.7																									
4/27/2016 16:19	0.1	20.7	0.1	14.0	0.1	0.3	0.7																									
4/27/2016 16:20	0.1	20.7	0.3	16.5	0.1	0.3	0.6																									
4/27/2016 16:21	0.1	20.7	0.3	21.0	0.1	0.3	0.6																									
4/27/2016 16:22	0.1	20.7	0.3	22.0	0.1	0.3	0.6																									
4/27/2016 16:23	0.1	20.7	0.3	20.0	0.0	0.3	0.6																									
4/27/2016 16:24	0.1	20.7	0.4	23.5	0.1	0.3	0.6																									
4/27/2016 16:25	0.1	20.7	0.2	23.5	0.1	0.3	0.6																									
4/27/2016 16:26	0.1	20.7	0.3	19.5	0.0	0.3	0.6																									
4/27/2016 16:27	0.0	20.7	0.2	18.0	0.1	0.3	0.6																									
4/27/2016 16:28	0.1	20.7	0.1	16.5	0.0	0.3	0.6																									
4/27/2016 16:29	0.0	20.7	0.1	15.5	0.0	0.3	0.6																									
4/27/2016 16:30	0.0	20.7	0.1	15.0	0.0	0.3	0.7																									
4/27/2016 16:31	0.1	20.7	0.1	16.5	0.0	0.3	0.7																									
4/27/2016 16:32	0.1	20.7	0.2	16.0	0.0	0.3	0.7																									
4/27/2016 16:33	0.1	16.8	0.2	16.5	0.0	0.3	1.7																									
4/27/2016 16:34	0.1	0.9	0.0	12.0	0.1	0.3	**8.8**	**9.98 H2S Bias Check**																									
4/27/2016 16:35	0.0	0.2	0.0	9.5	0.1	0.3	8.6																									
4/27/2016 16:36	2.7	5.0	0.0	9.0	0.0	0.3	5.1																									
4/27/2016 16:37	10.3	10.8	0.0	9.5	0.0	0.4	3.4																									

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/27/2016 16:38	10.4	10.3	0.1	9.5	0.0	13.4	0.2																												
4/27/2016 16:39	2.0	1.5	0.1	10.0	0.1	9.7	0.2																												
4/27/2016 16:40	6.6	8.8	0.2	10.0	0.0	0.4	0.2																												
4/27/2016 16:41	4.7	3.6	0.2	10.5	0.1	14.3	0.2																												
4/27/2016 16:42	0.1	0.2	0.0	9.5	0.1	3.2	0.2																												
4/27/2016 16:43	0.1	0.1	0.0	9.0	0.1	1.1	0.2																												
4/27/2016 16:44	0.1	11.4	0.2	12.0	0.0	5.0	0.2																												
4/27/2016 16:45	0.1	20.5	0.4	22.5	0.0	5.1	0.2																												
4/27/2016 16:46	0.1	20.7	0.5	26.0	0.0	9.8	0.2																												
4/27/2016 16:47	0.1	20.7	0.5	35.0	0.0	9.7	0.2																												
4/27/2016 16:48	0.1	20.7	0.7	40.0	0.1	12.2	0.2																												
4/27/2016 16:49	0.1	20.7	0.4	38.5	0.1	4.6	0.2																												
4/27/2016 16:50	0.1	20.7	0.4	25.5	0.1	9.2	0.2																												
4/27/2016 16:51	0.2	20.7	0.4	33.5	0.1	6.7	0.2																												
4/27/2016 16:52	0.2	20.7	0.5	32.0	0.1	11.4	0.2																												
4/27/2016 16:53	0.2	20.7	0.3	35.5	0.1	5.2	0.2																												
4/27/2016 16:54	0.2	20.6	1.6	64.5	0.1	71.5	0.3																												
4/27/2016 16:55	0.5	20.3	3.8	301.0	0.1	101.2	0.7																												
4/27/2016 16:56	0.4	20.4	3.3	369.0	0.2	94.0	0.7																												
4/27/2016 16:57	0.4	20.4	3.1	320.0	0.2	81.9	0.6																												
4/27/2016 16:58	0.4	20.4	2.9	314.5	0.2	11.7	0.7																												
4/27/2016 16:59	0.4	20.4	3.0	331.0	0.2	96.0	0.6																												
4/27/2016 17:00	0.3	20.5	2.4	275.5	0.2	61.5	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.1	270.3	0.2	60.7	0.4
4/27/2016 17:01	0.2	20.6	1.8	176.0	0.2	64.5	0.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.6	169.6	0.2	63.7	0.2
4/27/2016 17:02	0.4	20.5	3.0	225.0	0.3	102.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.6	2.8	219.2	0.2	100.8	0.4
4/27/2016 17:03	0.4	20.5	3.0	303.5	0.3	96.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.6	2.8	298.7	0.2	95.0	0.5
4/27/2016 17:04	0.4	20.5	3.3	292.5	0.3	98.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.6	3.1	287.5	0.2	96.9	0.5
4/27/2016 17:05	0.4	20.4	3.3	302.0	0.3	101.0	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.6	3.1	297.2	0.2	99.4	0.5
4/27/2016 17:06	0.3	20.5	2.3	274.5	0.3	74.5	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.1	269.3	0.2	73.4	0.4
4/27/2016 17:07	0.3	20.5	2.5	226.0	0.3	71.5	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.3	220.2	0.2	70.5	0.4
4/27/2016 17:08	0.3	20.5	2.5	221.0	0.3	80.0	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.2	215.1	0.2	78.8	0.3
4/27/2016 17:09	0.3	20.5	2.4	217.0	0.3	88.0	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.1	211.1	0.2	86.7	0.4
4/27/2016 17:10	0.3	20.6	2.3	217.0	0.3	82.5	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.1	211.1	0.2	81.3	0.4
4/27/2016 17:11	0.4	20.5	3.0	252.0	0.3	86.5	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.6	2.7	246.5	0.2	85.2	0.6
4/27/2016 17:12	0.3	20.5	2.5	248.0	0.3	91.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.3	242.5	0.2	90.1	0.5
4/27/2016 17:13	0.3	20.6	2.1	218.5	0.3	70.0	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.9	212.6	0.2	69.0	0.4
4/27/2016 17:14	0.3	20.5	2.6	214.0	0.3	83.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.3	208.1	0.2	82.3	0.5
4/27/2016 17:15	0.4	20.5	2.5	251.5	0.3	83.0	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.3	246.0	0.2	81.8	0.5
4/27/2016 17:16	0.3	20.6	2.0	207.5	0.2	76.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.7	201.5	0.2	75.4	0.4
4/27/2016 17:17	0.3	20.6	1.9	204.5	0.2	42.0	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.7	198.4	0.2	41.7	0.5
4/27/2016 17:18	0.2	20.7	1.3	121.0	0.2	43.5	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.1	113.9	0.2	43.1	0.3
4/27/2016 17:19	0.2	20.6	1.5	115.5	0.2	45.0	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.2	108.3	0.2	44.6	0.4
4/27/2016 17:20	0.3	20.6	1.7	146.0	0.2	70.0	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.5	139.2	0.2	69.0	0.5
4/27/2016 17:21	0.3	20.6	1.7	186.0	0.2	74.5	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.4	179.7	0.2	73.4	0.6
4/27/2016 17:22	0.3	20.6	1.7	198.5	0.2	72.0	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.5	192.4	0.2	71.0	0.6
4/27/2016 17:23	0.3	20.6	2.1	213.0	0.2	92.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.8	207.0	0.2	90.6	0.7
4/27/2016 17:24	0.3	20.6	1.9	219.5	0.2	79.5	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.6	213.6	0.2	78.3	0.7
4/27/2016 17:25	0.3	20.6	2.0	212.5	0.2	97.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.7	206.5	0.2	95.5	0.8
4/27/2016 17:26	0.3	20.6	2.0	218.5	0.2	75.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.7	212.6	0.2	73.9	0.7
4/27/2016 17:27	0.3	20.6	2.2	221.0	0.2	93.5	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.0	215.1	0.2	92.0	0.7
4/27/2016 17:28	0.3	20.5	2.3	256.5	0.3	88.5	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.1	251.1	0.2	87.1	0.7
4/27/2016 17:29	0.3	20.6	2.2	246.5	0.3	96.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.0	241.0	0.2	94.5	0.7
4/27/2016 17:30	0.3	20.6	2.2	249.5	0.3	92.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.0	244.0	0.2	90.6	0.8
4/27/2016 17:31	0.3	20.6	2.0	234.5	0.3	89.5	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	1.7	228.8	0.2	88.1	0.7
4/27/2016 17:32	0.3	20.6	1.8	219.5	0.3	69.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.6	213.6	0.2	68.1	0.7
4/27/2016 17:33	0.3	20.6	2.1	210.5	0.3	80.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.8	204.5	0.2	78.8	0.7
4/27/2016 17:34	0.2	20.6	1.7	204.5	0.3	80.0	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.5	198.4	0.2	78.8	0.6
4/27/2016 17:35	0.3	20.5	2.4	245.5	0.3	89.5	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.2	239.9	0.2	88.1	0.8

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/27/2016 17:36	0.2	20.6	1.7	238.0	0.3	72.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.4	232.4	0.2	71.0	0.7
4/27/2016 17:37	0.2	20.6	2.0	210.5	0.3	91.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.8	204.5	0.2	89.6	0.8
4/27/2016 17:38	0.2	20.6	1.8	233.0	0.3	83.5	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.5	227.3	0.2	82.3	0.8
4/27/2016 17:39	0.2	20.6	1.4	195.0	0.3	42.5	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.1	188.8	0.2	42.1	0.7
4/27/2016 17:40	0.2	20.7	1.1	112.5	0.2	40.0	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.9	105.3	0.2	39.7	0.6
4/27/2016 17:41	0.2	20.6	1.2	110.5	0.2	49.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.0	103.3	0.2	48.5	0.7
4/27/2016 17:42	0.2	20.6	1.5	138.0	0.2	78.5	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	131.1	0.2	77.4	0.7
4/27/2016 17:43	0.2	20.6	2.0	213.0	0.2	77.5	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	1.7	207.0	0.2	76.4	0.9
4/27/2016 17:44	0.2	20.6	1.7	212.5	0.2	52.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.5	206.5	0.2	51.4	0.9
4/27/2016 17:45	0.2	20.6	1.9	146.5	0.2	63.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.6	139.7	0.2	62.2	0.7
4/27/2016 17:46	0.2	20.6	1.9	182.5	0.2	58.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	1.7	176.2	0.2	57.3	0.8
4/27/2016 17:47	0.2	20.6	1.4	146.5	0.2	45.5	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.2	139.7	0.2	45.1	0.7
4/27/2016 17:48	0.2	20.7	1.3	110.5	0.2	45.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	103.3	0.1	44.6	0.8
4/27/2016 17:49	0.2	20.6	1.8	128.5	0.2	49.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	121.5	0.2	48.5	0.9
4/27/2016 17:50	0.2	20.6	1.6	137.0	0.2	44.5	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	130.1	0.1	44.1	0.8
4/27/2016 17:51	0.2	20.6	1.8	121.5	0.2	68.5	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.6	114.4	0.1	67.6	0.8
4/27/2016 17:52	0.3	20.5	2.9	200.0	0.2	88.0	0.8	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.6	193.9	0.2	86.7	1.0
4/27/2016 17:53	0.3	20.5	3.3	262.5	0.2	86.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.6	3.0	257.2	0.2	84.7	1.0
4/27/2016 17:54	0.3	20.5	3.0	253.0	0.2	91.5	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.7	247.5	0.2	90.1	1.1
4/27/2016 17:55	0.3	20.5	3.1	264.0	0.3	95.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.9	258.7	0.2	93.5	1.0
4/27/2016 17:56	0.2	20.6	2.0	224.5	0.2	54.0	0.8	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.7	218.7	0.2	53.4	0.9
4/27/2016 17:57	0.2	20.6	1.8	150.5	0.2	59.5	0.8	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	143.8	0.2	58.8	0.9
4/27/2016 17:58	0.2	20.6	1.5	142.0	0.2	57.5	0.8	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	135.2	0.2	56.8	0.9
4/27/2016 17:59	0.2	20.6	1.5	144.5	0.2	36.0	0.8	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	137.7	0.2	35.8	0.9
4/27/2016 18:00	0.1	20.7	0.9	88.5	0.2	30.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.7	81.0	0.2	29.9	0.8
4/27/2016 18:01	0.1	20.7	1.0	69.0	0.2	41.5	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.7	61.3	0.2	41.2	0.8
4/27/2016 18:02	0.2	20.6	2.2	142.5	0.2	77.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.7	1.9	135.7	0.1	75.9	1.1
4/27/2016 18:03	0.2	20.6	2.2	220.0	0.2	71.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.0	214.1	0.1	70.0	1.1
4/27/2016 18:04	0.2	20.6	2.4	210.0	0.2	71.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.1	204.0	0.2	70.0	1.0
4/27/2016 18:05	0.2	20.6	1.9	197.0	0.2	56.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.7	190.8	0.2	55.3	1.0
4/27/2016 18:06	0.2	20.6	1.7	163.0	0.2	54.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	156.4	0.2	53.4	1.0
4/27/2016 18:07	0.2	20.6	1.8	152.5	0.2	57.5	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	145.8	0.2	56.8	1.1
4/27/2016 18:08	0.2	20.6	1.9	176.5	0.2	68.5	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.7	170.1	0.2	67.6	1.1
4/27/2016 18:09	0.2	20.6	1.6	197.0	0.2	41.5	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	190.8	0.2	41.2	1.1
4/27/2016 18:10	0.1	20.7	1.0	111.0	0.2	41.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.7	103.8	0.1	40.7	1.0
4/27/2016 18:11	0.2	20.6	1.7	137.0	0.2	64.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	130.1	0.2	63.2	1.1
4/27/2016 18:12	0.2	20.6	2.0	198.5	0.2	73.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.7	1.8	192.4	0.2	72.0	1.1
4/27/2016 18:13	0.2	20.6	1.8	215.5	0.2	57.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.6	209.6	0.2	56.3	1.1
4/27/2016 18:14	0.2	20.6	1.8	174.0	0.2	65.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	167.6	0.2	64.2	1.0
4/27/2016 18:15	0.2	20.6	1.8	185.0	0.2	53.5	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	178.7	0.2	52.9	1.1
4/27/2016 18:16	0.2	20.6	1.8	161.5	0.2	59.5	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	154.9	0.2	58.8	1.1
4/27/2016 18:17	0.2	20.6	1.7	167.5	0.2	55.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	161.0	0.2	54.4	1.1
4/27/2016 18:18	0.2	20.6	1.8	191.5	0.2	61.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.7	1.6	185.3	0.2	60.2	1.2
4/27/2016 18:19	0.2	20.6	1.6	199.5	0.2	61.5	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	193.4	0.2	60.7	1.2
4/27/2016 18:20	0.2	20.6	1.6	187.0	0.2	54.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	180.7	0.2	53.4	1.2
4/27/2016 18:21	0.1	20.6	1.2	151.0	0.2	43.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.9	144.3	0.2	42.6	1.1
4/27/2016 18:22	0.1	20.7	0.9	103.0	0.2	34.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.6	95.7	0.2	33.8	1.1
4/27/2016 18:23	0.1	20.7	1.0	87.0	0.2	37.5	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.7	79.5	0.2	37.2	1.0
4/27/2016 18:24	0.1	20.6	1.1	113.0	0.2	45.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.9	105.8	0.1	44.6	1.1
4/27/2016 18:25	0.1	20.6	1.6	146.0	0.2	64.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	139.2	0.1	63.7	1.3
4/27/2016 18:26	0.2	20.6	1.6	198.0	0.2	54.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	191.9	0.1	53.4	1.3
4/27/2016 18:27	0.2	20.6	1.7	178.5	0.2	67.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	172.1	0.1	66.1	1.3
4/27/2016 18:28	0.2	20.6	1.7	195.5	0.2	58.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	189.3	0.2	57.8	1.3
4/27/2016 18:29	0.1	20.6	1.5	162.0	0.2	60.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	155.4	0.2	59.3	1.2
4/27/2016 18:30	0.1	20.6	1.6	149.0	0.2	61.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	142.2	0.2	60.2	1.2
4/27/2016 18:31	0.1	20.6	1.6	166.5	0.2	62.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	160.0	0.2	61.7	1.3
4/27/2016 18:32	0.2	20.6	1.5	171.5	0.2	55.5	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.2	165.0	0.2	54.9	1.2
4/27/2016 18:33	0.1	20.6	1.6	169.5	0.2	66.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	163.0	0.2	65.1	1.2
4/27/2016 18:34	0.2	20.6	1.5	190.5	0.2	62.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.2	184.3	0.2	61.7	1.3

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/27/2016 18:35	0.1	20.6	1.3	162.0	0.2	66.5	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	155.4	0.2	65.6	1.2
4/27/2016 18:36	0.2	20.6	1.5	179.5	0.2	70.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	173.1	0.2	69.0	1.3
4/27/2016 18:37	0.1	20.6	1.4	183.5	0.3	67.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	177.2	0.2	66.1	1.2
4/27/2016 18:38	0.1	20.6	1.4	182.0	0.3	66.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	175.7	0.2	65.1	1.3
4/27/2016 18:39	0.2	20.6	1.4	192.5	0.3	54.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	186.3	0.2	53.4	1.3
4/27/2016 18:40	0.1	20.7	1.1	144.5	0.2	57.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.9	137.7	0.2	56.3	1.2
4/27/2016 18:41	0.1	20.6	1.3	153.5	0.2	63.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	146.8	0.2	62.2	1.3
4/27/2016 18:42	0.1	20.6	1.4	174.0	0.2	70.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.2	167.6	0.2	69.5	1.3
4/27/2016 18:43	0.1	20.6	1.6	181.0	0.3	68.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	174.6	0.2	67.1	1.3
4/27/2016 18:44	0.1	20.6	1.7	178.0	0.3	76.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	171.6	0.2	75.4	1.3
4/27/2016 18:45	0.2	20.6	1.6	190.0	0.3	59.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	183.8	0.2	58.3	1.3
4/27/2016 18:46	0.1	20.6	1.4	155.5	0.3	57.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	148.8	0.2	56.3	1.2
4/27/2016 18:47	0.1	20.6	1.4	147.5	0.2	57.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	140.7	0.2	56.8	1.3
4/27/2016 18:48	0.1	20.6	1.5	158.0	0.2	63.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	151.4	0.2	62.7	1.3
4/27/2016 18:49	0.2	20.6	2.1	186.5	0.3	78.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.9	180.2	0.2	77.4	1.3
4/27/2016 18:50	0.2	20.6	1.9	216.0	0.3	67.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.6	210.1	0.2	66.1	1.3
4/27/2016 18:51	0.1	20.6	1.4	184.5	0.2	59.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	178.2	0.2	58.8	1.3
4/27/2016 18:52	0.1	20.6	1.8	167.0	0.2	86.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	160.5	0.2	84.7	1.3
4/27/2016 18:53	0.2	20.6	1.9	200.0	0.3	70.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.7	193.9	0.2	69.0	1.3
4/27/2016 18:54	0.1	20.6	1.5	163.0	0.2	66.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	156.4	0.2	65.6	1.3
4/27/2016 18:55	0.1	20.6	1.6	153.5	0.3	71.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	146.8	0.2	70.0	1.3
4/27/2016 18:56	0.1	20.6	1.6	166.0	0.3	63.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	159.5	0.2	62.7	1.3
4/27/2016 18:57	0.1	20.6	1.5	143.0	0.3	60.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	136.2	0.2	59.3	1.3
4/27/2016 18:58	0.1	20.7	1.4	125.0	0.2	58.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.2	117.9	0.2	57.3	1.3
4/27/2016 18:59	0.2	20.6	1.8	172.5	0.3	76.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.6	166.0	0.2	75.4	1.3
4/27/2016 19:00	0.1	20.6	1.3	170.5	0.3	58.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.0	164.0	0.2	57.3	1.3
4/27/2016 19:01	0.1	20.6	1.5	149.5	0.2	70.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.2	142.8	0.2	69.5	1.4
4/27/2016 19:02	0.1	20.6	1.5	161.5	0.2	68.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	154.9	0.2	67.1	1.4
4/27/2016 19:03	0.1	20.6	1.7	176.5	0.2	79.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	170.1	0.2	78.3	1.4
4/27/2016 19:04	0.1	20.6	1.4	184.0	0.2	78.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	177.7	0.2	76.9	1.4
4/27/2016 19:05	0.2	20.6	1.9	216.5	0.3	92.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.7	1.7	210.6	0.2	90.6	1.4
4/27/2016 19:06	0.2	20.5	2.7	259.5	0.3	90.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.5	254.1	0.2	89.1	1.4
4/27/2016 19:07	0.2	20.6	2.1	236.5	0.3	78.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.7	1.9	230.8	0.2	76.9	1.4
4/27/2016 19:08	0.2	20.6	2.0	199.5	0.3	96.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.8	193.4	0.2	94.5	1.4
4/27/2016 19:09	0.2	20.5	2.2	252.5	0.3	104.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.0	247.0	0.2	102.8	1.4
4/27/2016 19:10	0.2	20.5	2.6	279.0	0.3	87.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.3	273.9	0.2	85.7	1.4
4/27/2016 19:11	0.1	20.6	1.6	203.0	0.3	74.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	196.9	0.2	73.0	1.3
4/27/2016 19:12	0.1	20.6	1.4	163.0	0.3	63.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.2	156.4	0.2	62.2	1.3
4/27/2016 19:13	0.1	20.7	1.2	139.5	0.3	63.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.0	132.6	0.2	62.7	1.3
4/27/2016 19:14	0.1	20.6	1.2	141.5	0.3	59.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.0	134.7	0.2	58.3	1.3
4/27/2016 19:15	0.1	20.6	1.2	138.5	0.2	55.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.9	131.6	0.2	54.4	1.3
4/27/2016 19:16	0.1	20.7	1.1	126.5	0.2	50.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	119.5	0.2	50.0	1.3
4/27/2016 19:17	0.1	20.7	1.0	112.5	0.2	51.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.7	105.3	0.2	50.9	1.3
4/27/2016 19:18	0.1	20.6	1.2	122.0	0.2	62.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.9	114.9	0.2	61.2	1.3
4/27/2016 19:19	0.1	20.6	1.1	131.5	0.2	54.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	124.5	0.2	53.9	1.3
4/27/2016 19:20	0.1	20.6	1.3	142.0	0.2	72.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	135.2	0.2	71.5	1.4
4/27/2016 19:21	0.1	20.7	1.1	150.5	0.2	54.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.9	143.8	0.1	53.4	1.4
4/27/2016 19:22	0.1	20.7	1.1	122.5	0.2	51.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	115.4	0.1	50.5	1.4
4/27/2016 19:23	0.1	20.7	1.0	115.5	0.2	54.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	108.3	0.1	53.9	1.4
4/27/2016 19:24	0.1	20.6	1.1	124.5	0.2	55.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	117.4	0.1	54.4	1.3
4/27/2016 19:25	0.1	20.7	1.1	125.5	0.2	58.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	118.5	0.1	57.8	1.3
4/27/2016 19:26	0.1	20.6	1.4	142.5	0.2	71.5	1.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	135.7	0.1	70.5	1.5
4/27/2016 19:27	0.1	20.6	1.1	149.5	0.2	52.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	142.8	0.1	51.4	1.3
4/27/2016 19:28	0.1	20.6	1.1	126.0	0.2	57.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	119.0	0.1	56.3	1.1
4/27/2016 19:29	0.1	20.6	1.0	120.0	0.2	58.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	112.9	0.1	57.3	1.3
4/27/2016 19:30	0.2	20.7	1.0	125.0	0.2	60.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	117.9	0.1	59.7	1.3
4/27/2016 19:31	0.2	20.6	1.0	134.5	0.2	58.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	127.6	0.1	57.8	1.3
4/27/2016 19:32	0.2	20.6	1.1	136.0	0.2	66.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.9	129.1	0.1	65.1	1.3
4/27/2016 19:33	0.2	20.6	1.0	135.0	0.2	54.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.7	128.1	0.1	53.4	1.3

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/27/2016 19:34	0.2	20.7	1.0	121.0	0.2	57.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	113.9	0.1	56.3	1.3
4/27/2016 19:35	0.2	20.6	1.1	140.5	0.2	65.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.9	133.6	0.1	64.2	1.4
4/27/2016 19:36	0.2	20.7	1.0	134.0	0.2	55.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	127.1	0.1	54.4	1.3
4/27/2016 19:37	0.2	20.7	1.0	119.0	0.2	55.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	111.9	0.1	54.9	1.3
4/27/2016 19:38	0.2	20.6	1.1	128.5	0.2	64.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.9	121.5	0.1	63.7	1.3
4/27/2016 19:39	0.2	20.6	1.2	154.5	0.2	65.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.9	147.8	0.1	64.2	1.4
4/27/2016 19:40	0.2	20.6	1.0	144.0	0.2	64.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.8	137.2	0.1	63.2	1.4
4/27/2016 19:41	0.2	20.6	1.1	134.0	0.2	63.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.8	127.1	0.2	62.7	1.3
4/27/2016 19:42	0.2	20.6	1.2	142.5	0.2	61.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.9	135.7	0.1	60.7	1.3
4/27/2016 19:43	0.2	20.7	1.0	129.5	0.2	59.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.8	122.5	0.1	58.3	1.3
4/27/2016 19:44	0.2	20.7	1.0	121.5	0.2	51.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.8	114.4	0.1	50.5	1.4
4/27/2016 19:45	0.2	20.7	1.0	111.5	0.2	59.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.8	104.3	0.1	58.8	1.3
4/27/2016 19:46	0.3	20.6	1.2	125.0	0.2	64.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.9	117.9	0.1	63.7	1.4
4/27/2016 19:47	0.3	20.6	1.2	146.5	0.2	63.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.9	139.7	0.1	62.2	1.4
4/27/2016 19:48	0.3	20.6	1.1	136.5	0.2	57.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.8	129.6	0.1	56.8	1.4
4/27/2016 19:49	0.3	20.6	1.3	142.5	0.2	82.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.0	135.7	0.2	81.3	1.4
4/27/2016 19:50	0.3	20.6	1.3	180.0	0.2	66.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.1	173.6	0.2	65.1	1.4
4/27/2016 19:51	0.3	20.7	1.0	138.0	0.2	64.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.8	131.1	0.2	63.7	1.3
4/27/2016 19:52	0.3	20.6	1.1	132.0	0.2	67.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.8	125.0	0.2	66.1	1.4
4/27/2016 19:53	0.3	20.6	1.3	151.0	0.2	82.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.0	144.3	0.2	80.8	1.4
4/27/2016 19:54	0.3	20.6	1.2	170.5	0.2	68.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.0	164.0	0.2	67.6	1.4
4/27/2016 19:55	0.3	20.6	1.3	163.5	0.2	80.0	1.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.1	156.9	0.2	78.8	1.5
4/27/2016 19:56	0.3	20.6	1.1	155.0	0.2	88.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.9	148.3	0.2	87.1	1.4
4/27/2016 19:57	0.4	20.6	1.5	185.0	0.2	88.0	1.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.2	178.7	0.2	86.7	1.6
4/27/2016 19:58	0.3	20.6	1.3	174.0	0.2	85.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.0	167.6	0.2	84.2	1.4
4/27/2016 19:59	0.4	20.6	1.7	196.0	0.2	111.0	1.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.5	189.8	0.2	109.2	1.6
4/27/2016 20:00	0.4	20.6	1.7	222.0	0.3	89.5	1.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.5	216.2	0.2	88.1	1.5
4/27/2016 20:01	0.4	20.6	2.0	198.0	0.3	117.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.8	191.9	0.2	115.5	1.4
4/27/2016 20:02	0.4	20.5	2.6	242.0	0.3	95.5	1.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.4	20.7	2.3	236.4	0.2	94.0	1.6
4/27/2016 20:03	0.4	20.6	2.2	209.5	0.3	101.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.9	203.5	0.2	99.4	1.4
4/27/2016 20:04	0.4	20.5	2.8	219.5	0.3	89.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.4	20.7	2.6	213.6	0.3	87.6	1.4
4/27/2016 20:05	0.3	20.6	2.1	182.0	0.3	86.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.9	175.7	0.2	84.7	1.3
4/27/2016 20:06	0.4	20.5	2.9	201.0	0.3	106.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.6	194.9	0.2	104.3	1.4
4/27/2016 20:07	0.4	20.5	2.6	228.5	0.3	90.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.4	20.7	2.4	222.7	0.2	89.1	1.4
4/27/2016 20:08	0.4	20.5	2.8	208.0	0.3	105.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.6	202.0	0.2	103.8	1.4
4/27/2016 20:09	0.3	20.6	2.0	201.0	0.3	80.0	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.8	194.9	0.2	78.8	1.3
4/27/2016 20:10	0.3	20.6	1.9	169.5	0.3	84.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.6	163.0	0.2	83.2	1.3
4/27/2016 20:11	0.3	20.6	1.9	176.0	0.3	93.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.6	169.6	0.2	92.0	1.3
4/27/2016 20:12	0.3	20.6	1.9	203.0	0.3	103.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.6	196.9	0.2	101.3	1.4
4/27/2016 20:13	0.3	20.6	1.7	208.5	0.3	87.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.5	202.5	0.2	86.2	1.3
4/27/2016 20:14	0.3	20.6	1.5	160.0	0.3	70.5	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.3	153.4	0.2	69.5	1.2
4/27/2016 20:15	0.3	20.6	1.3	129.0	0.3	56.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.1	122.0	0.2	55.3	1.2
4/27/2016 20:16	0.3	20.6	1.2	111.0	0.2	59.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.0	103.8	0.2	58.3	1.1
4/27/2016 20:17	0.3	20.7	1.1	113.0	0.2	66.5	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.9	105.8	0.2	65.6	1.1
4/27/2016 20:18	0.3	20.6	1.3	129.5	0.2	76.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.1	122.5	0.2	74.9	1.1
4/27/2016 20:19	0.3	20.6	1.3	147.5	0.2	78.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.0	140.7	0.2	76.9	1.2
4/27/2016 20:20	0.3	20.6	1.4	169.0	0.2	111.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.2	162.5	0.2	109.6	1.3
4/27/2016 20:21	0.3	20.6	1.6	209.5	0.2	99.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.3	203.5	0.2	97.9	1.4
4/27/2016 20:22	0.3	20.6	1.7	212.0	0.2	126.0	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.4	206.0	0.2	123.8	1.4
4/27/2016 20:23	0.4	20.6	1.6	232.5	0.3	99.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.3	226.8	0.2	97.9	1.3
4/27/2016 20:24	0.3	20.6	1.5	198.5	0.2	110.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.3	192.4	0.2	108.2	1.2
4/27/2016 20:25	0.4	20.5	1.9	244.5	0.3	131.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.7	238.9	0.2	129.2	1.4
4/27/2016 20:26	0.4	20.5	2.2	290.0	0.3	131.5	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.4	20.7	1.9	285.0	0.2	129.2	0.7
4/27/2016 20:27	0.4	20.6	2.0	275.5	0.3	130.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.7	270.3	0.2	128.2	1.3
4/27/2016 20:28	0.4	20.6	2.0	256.0	0.3	100.5	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.7	250.6	0.3	98.9	1.1
4/27/2016 20:29	0.3	20.6	1.8	193.0	0.3	80.5	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.6	186.8	0.2	79.3	1.1
4/27/2016 20:30	0.3	20.6	2.5	151.5	0.3	87.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	2.3	144.8	0.2	85.7	0.7
4/27/2016 20:31	0.3	20.6	2.1	177.5	0.3	109.5	1.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.8	171.1	0.2	107.7	1.3
4/27/2016 20:32	0.3	20.6	1.7	197.0	0.3	93.0	1.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.4	190.8	0.2	91.5	1.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/27/2016 20:33	0.3	20.6	1.5	166.0	0.3	69.5	0.8	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.3	159.5	0.2	68.6	0.9
4/27/2016 20:34	0.3	20.6	1.5	126.5	0.3	65.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.3	119.5	0.2	64.2	0.8
4/27/2016 20:35	0.3	20.6	1.9	129.5	0.2	74.5	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.7	122.5	0.2	73.4	0.9
4/27/2016 20:36	0.3	20.6	1.5	143.0	0.2	71.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.2	136.2	0.2	70.0	0.9
4/27/2016 20:37	0.3	20.5	2.0	184.0	0.3	99.5	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.8	177.7	0.2	97.9	0.9
4/27/2016 20:38	0.3	20.6	1.8	207.0	0.3	88.0	0.8	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.6	201.0	0.2	86.7	0.9
4/27/2016 20:39	0.3	20.5	2.4	209.0	0.3	89.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	2.2	203.0	0.2	87.6	0.9
4/27/2016 20:40	0.3	20.6	1.7	179.5	0.3	60.0	0.8	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.4	173.1	0.2	59.3	0.9
4/27/2016 20:41	0.2	20.6	1.8	130.5	0.3	71.0	1.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.5	123.5	0.2	70.0	1.9
4/27/2016 20:42	0.3	20.6	1.7	149.5	0.3	73.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.5	142.8	0.2	72.0	0.9
4/27/2016 20:43	0.3	20.5	2.2	194.5	0.3	94.5	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.9	188.3	0.2	93.0	0.9
4/27/2016 20:44	0.3	20.6	2.0	218.5	0.3	91.5	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	1.7	212.6	0.2	90.1	0.9
4/27/2016 20:45	0.3	20.6	1.7	194.5	0.3	81.5	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.5	188.3	0.2	80.3	0.8
4/27/2016 20:46	0.3	20.6	1.9	193.0	0.3	83.5	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	1.6	186.8	0.2	82.3	1.0
4/27/2016 20:47	0.2	20.6	1.4	173.5	0.3	61.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.2	167.1	0.2	60.2	1.0
4/27/2016 20:48	0.2	20.7	1.2	111.0	0.2	65.0	0.9	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.9	103.8	0.2	64.2	1.1
4/27/2016 20:49	0.2	20.6	1.4	127.5	0.2	72.0	0.8	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.2	120.5	0.2	71.0	0.9
4/27/2016 20:50	0.3	20.6	1.7	165.0	0.3	88.0	5.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.4	158.4	0.2	86.7	6.6
4/27/2016 20:51	0.3	20.6	1.7	182.5	0.3	80.5	1.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.4	176.2	0.2	79.3	1.4
4/27/2016 20:52	0.2	20.6	1.5	175.0	0.2	75.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.2	168.6	0.2	73.9	0.7
4/27/2016 20:53	0.2	20.6	1.7	160.0	0.2	61.5	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.4	153.4	0.2	60.7	0.6
4/27/2016 20:54	0.2	20.6	1.6	146.5	0.2	83.0	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.3	139.7	0.2	81.8	0.6
4/27/2016 20:55	0.2	20.6	1.6	174.0	0.2	85.5	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.4	167.6	0.2	84.2	0.7
4/27/2016 20:56	0.2	20.6	1.8	182.5	0.2	91.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.6	176.2	0.2	89.6	0.7
4/27/2016 20:57	0.3	20.6	1.9	194.5	0.3	85.0	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	1.7	188.3	0.2	83.7	0.6
4/27/2016 20:58	0.2	20.6	2.1	185.0	0.3	77.5	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	1.8	178.7	0.2	76.4	0.6
4/27/2016 20:59	0.2	20.6	1.9	173.5	0.3	81.0	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.6	167.1	0.2	79.8	0.5
4/27/2016 21:00	0.2	20.6	1.6	165.5	0.2	63.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.4	159.0	0.2	62.7	0.5
4/27/2016 21:01	0.2	20.6	1.8	147.5	0.2	69.0	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.5	140.7	0.2	68.1	0.6
4/27/2016 21:02	0.2	20.6	1.8	151.0	0.2	76.0	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.5	144.3	0.2	74.9	0.4
4/27/2016 21:03	0.2	20.6	1.9	176.0	0.2	69.5	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	1.6	169.6	0.2	68.6	0.6
4/27/2016 21:04	0.2	20.6	1.5	148.5	0.2	65.5	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.2	141.7	0.2	64.6	0.4
4/27/2016 21:05	0.2	20.6	1.8	140.0	0.2	62.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.6	133.1	0.2	61.7	0.4
4/27/2016 21:06	0.2	20.6	2.0	148.0	0.2	79.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.7	141.2	0.2	78.3	0.4
4/27/2016 21:07	0.2	20.5	2.4	183.5	0.2	96.5	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.2	177.2	0.2	95.0	0.6
4/27/2016 21:08	0.2	20.6	2.2	206.0	0.2	94.5	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.0	200.0	0.2	93.0	0.7
4/27/2016 21:09	0.2	20.6	2.0	187.0	0.3	91.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	1.7	180.7	0.2	90.1	0.5
4/27/2016 21:10	0.2	20.6	1.7	173.5	0.2	73.5	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	167.1	0.2	72.5	0.6
4/27/2016 21:11	0.2	20.6	1.7	157.0	0.3	78.5	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	150.3	0.2	77.4	0.4
4/27/2016 21:12	0.2	20.6	1.8	166.5	0.3	90.0	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.6	160.0	0.2	88.6	0.4
4/27/2016 21:13	0.2	20.6	1.5	175.5	0.3	52.5	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	169.1	0.2	51.9	0.4
4/27/2016 21:14	0.1	20.7	0.8	85.5	0.2	28.5	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.6	78.0	0.2	28.4	0.6
4/27/2016 21:15	0.1	20.7	0.7	38.0	0.2	24.0	2.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.4	29.9	0.2	24.0	2.9
4/27/2016 21:16	0.1	20.7	0.5	25.5	0.2	19.0	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.3	17.2	0.2	19.2	0.7
4/27/2016 21:17	0.1	20.7	0.7	20.5	0.2	29.5	0.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.5	12.1	0.1	29.4	0.1
4/27/2016 21:18	0.1	20.6	1.1	69.5	0.2	51.0	1.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	61.8	0.1	50.5	1.5
4/27/2016 21:19	0.1	20.6	1.1	92.0	0.2	67.0	1.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.9	84.5	0.1	66.1	2.0
4/27/2016 21:20	0.2	20.6	1.9	160.5	0.2	54.0	0.7	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	1.6	153.9	0.2	53.4	0.8
4/27/2016 21:21	0.1	20.7	0.7	90.5	0.2	24.0	0.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.4	83.0	0.1	24.0	0.1
4/27/2016 21:22	0.1	20.6	1.2	55.0	0.2	41.0	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.9	47.1	0.1	40.7	0.4
4/27/2016 21:23	0.1	20.6	1.4	95.5	0.2	81.5	0.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	88.1	0.1	80.3	0.2
4/27/2016 21:24	0.2	20.5	2.3	218.5	0.2	103.0	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.0	212.6	0.2	101.3	0.4
4/27/2016 21:25	0.2	20.5	2.2	263.0	0.2	96.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	2.0	257.7	0.2	95.0	0.4
4/27/2016 21:26	0.2	20.6	2.1	226.0	0.2	50.5	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.7	1.9	220.2	0.2	50.0	0.3
4/27/2016 21:27	0.1	20.7	0.8	99.5	0.2	29.5	0.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.6	92.1	0.1	29.4	0.1
4/27/2016 21:28	0.1	20.7	0.8	44.0	0.2	26.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.6	35.9	0.2	26.5	0.0
4/27/2016 21:29	0.1	20.7	0.6	38.0	0.2	25.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.4	29.9	0.1	25.5	0.0
4/27/2016 21:30	0.1	20.7	0.7	39.0	0.2	46.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.5	30.9	0.1	46.1	0.0
4/27/2016 21:31	0.2	20.6	1.6	124.5	0.2	84.0	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	117.4	0.2	82.7	0.3

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/27/2016 21:32	0.2	20.6	1.7	194.5	0.2	87.0	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.7	1.5	188.3	0.2	85.7	0.3
4/27/2016 21:33	0.2	20.6	1.9	191.5	0.2	71.0	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.7	1.7	185.3	0.2	70.0	0.3
4/27/2016 21:34	0.2	20.6	1.8	174.0	0.2	45.0	0.2	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.5	167.6	0.2	44.6	0.3
4/27/2016 21:35	0.1	20.7	0.8	87.5	0.2	24.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.6	80.0	0.2	24.5	0.0
4/27/2016 21:36	0.1	20.7	1.2	44.0	0.2	42.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	1.0	35.9	0.1	41.7	0.0
4/27/2016 21:37	0.1	20.6	1.6	107.5	0.2	64.0	0.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	100.2	0.2	63.2	0.1
4/27/2016 21:38	0.2	20.6	1.8	151.0	0.2	72.5	0.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.6	144.3	0.2	71.5	0.7
4/27/2016 21:39	0.1	20.6	1.5	136.0	0.2	39.5	0.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	129.1	0.2	39.2	0.1
4/27/2016 21:40	0.1	20.7	1.2	79.5	0.2	58.5	0.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.8	0.9	71.9	0.1	57.8	0.1
4/27/2016 21:41	0.1	20.6	2.0	119.0	0.2	54.0	3.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.8	111.9	0.2	53.4	3.9
4/27/2016 21:42	0.1	20.6	1.6	108.0	0.2	63.0	1.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.4	100.7	0.2	62.2	1.7
4/27/2016 21:43	0.1	20.6	1.6	129.0	0.2	46.0	0.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.3	122.0	0.2	45.6	0.4
4/27/2016 21:44	0.1	20.7	0.8	74.0	0.2	20.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.5	66.3	0.1	20.6	0.0
4/27/2016 21:45	0.1	20.7	0.6	22.5	0.2	19.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.3	14.2	0.1	19.2	0.0
4/27/2016 21:46	0.1	20.6	1.2	48.0	0.2	48.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.8	0.9	40.0	0.1	47.5	0.0
4/27/2016 21:47	0.1	20.6	1.3	95.5	0.2	57.5	0.4	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.0	88.1	0.1	56.8	0.4
4/27/2016 21:48	0.1	20.6	2.2	127.5	0.2	69.5	0.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.9	120.5	0.2	68.6	0.1
4/27/2016 21:49	0.1	20.7	1.0	108.5	0.2	20.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.7	101.2	0.1	20.6	0.0
4/27/2016 21:50	0.1	20.7	0.7	35.5	0.2	23.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.4	27.3	0.1	23.6	0.0
4/27/2016 21:51	0.1	20.7	0.8	39.0	0.2	39.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.6	30.9	0.1	39.2	0.0
4/27/2016 21:52	0.1	20.6	1.3	80.5	0.2	50.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	1.1	72.9	0.1	50.0	0.0
4/27/2016 21:53	0.1	20.7	1.1	100.5	0.2	35.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.8	93.1	0.1	34.8	0.0
4/27/2016 21:54	0.1	20.7	1.1	70.5	0.2	37.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.8	0.8	62.8	0.1	37.2	0.0
4/27/2016 21:55	0.1	20.6	1.3	74.0	0.2	40.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.8	1.1	66.3	0.1	40.2	0.0
4/27/2016 21:56	0.1	20.7	1.0	70.0	0.2	23.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.8	0.7	62.3	0.1	23.1	0.0
4/27/2016 21:57	0.1	20.7	1.1	46.0	0.2	28.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.9	38.0	0.1	28.4	0.0
4/27/2016 21:58	0.1	20.7	0.9	48.0	0.2	21.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.6	40.0	0.1	21.1	0.0
4/27/2016 21:59	0.1	20.7	0.8	35.5	0.1	21.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.6	27.3	0.1	21.6	0.0
4/27/2016 22:00	0.1	20.7	0.7	31.5	0.2	17.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.4	23.3	0.1	17.7	0.0
4/27/2016 22:01	0.1	20.7	0.6	25.0	0.1	17.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.4	16.7	0.1	17.7	0.0
4/27/2016 22:02	0.1	20.7	0.7	27.0	0.1	19.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.4	18.7	0.1	19.2	0.0
4/27/2016 22:03	0.1	20.7	0.5	25.0	0.1	14.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.2	16.7	0.1	14.7	0.0
4/27/2016 22:04	0.1	20.7	0.3	16.5	0.1	13.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.1	8.1	0.1	13.3	0.0
4/27/2016 22:05	0.1	20.7	0.3	14.5	0.1	14.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.1	6.1	0.1	14.3	0.0
4/27/2016 22:06	0.1	20.7	0.4	18.5	0.1	16.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.1	10.1	0.1	16.2	0.0
4/27/2016 22:07	0.1	20.7	0.5	24.5	0.1	17.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.2	16.2	0.1	17.7	0.0
4/27/2016 22:08	0.1	20.7	0.7	33.0	0.1	21.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.0	20.9	0.5	24.8	0.1	21.1	0.0
4/27/2016 22:09	0.1	20.7	0.6	34.5	0.1	18.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.3	26.3	0.1	18.2	0.0
4/27/2016 22:10	0.1	20.7	1.0	42.5	0.1	31.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.7	34.4	0.1	31.4	0.0
4/27/2016 22:11	0.1	20.7	0.7	49.5	0.1	18.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.4	41.5	0.1	18.2	0.0
4/27/2016 22:12	0.1	20.7	0.6	32.5	0.1	18.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.4	24.3	0.1	18.7	0.0
4/27/2016 22:13	0.1	20.7	0.6	29.5	0.1	18.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.3	21.3	0.1	18.7	0.0
4/27/2016 22:14	0.1	20.7	0.8	32.5	0.1	34.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.5	24.3	0.1	33.8	0.0
4/27/2016 22:15	0.2	20.7	0.9	63.0	0.1	20.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.6	55.2	0.1	20.6	0.0
4/27/2016 22:16	0.1	20.7	0.4	36.0	0.1	12.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.2	27.8	0.1	12.8	0.0
4/27/2016 22:17	0.1	20.7	0.3	15.0	0.1	11.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.1	6.6	0.1	11.3	0.0
4/27/2016 22:18	0.1	20.7	0.3	14.5	0.1	17.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.1	6.1	0.1	17.2	0.0
4/27/2016 22:19	0.2	20.7	0.5	38.5	0.1	25.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.3	30.4	0.0	25.5	0.0
4/27/2016 22:20	0.2	20.7	0.7	60.0	0.1	34.0	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.5	52.1	0.1	33.8	0.6
4/27/2016 22:21	0.2	20.7	0.7	75.5	0.1	31.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.5	67.8	0.1	30.9	0.0
4/27/2016 22:22	0.2	20.7	0.7	67.0	0.1	32.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.4	59.2	0.1	32.4	0.0
4/27/2016 22:23	0.2	20.7	0.5	54.5	0.1	24.5	1.6	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.3	46.6	0.1	24.5	1.9
4/27/2016 22:24	0.2	20.7	0.6	47.5	0.1	23.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.3	39.5	0.1	23.1	0.0
4/27/2016 22:25	0.2	20.7	0.6	48.0	0.1	32.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.4	40.0	0.1	32.4	0.0
4/27/2016 22:26	0.2	20.7	0.7	60.5	0.1	26.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.4	52.6	0.1	26.5	0.0
4/27/2016 22:27	0.2	20.7	0.7	60.0	0.1	29.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.8	0.5	52.1	0.1	29.4	0.0
4/27/2016 22:28	0.2	20.7	0.6	55.5	0.1	20.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.3	47.6	0.1	20.1	0.0
4/27/2016 22:29	0.2	20.7	0.6	47.0	0.1	26.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.4	39.0	0.1	26.5	0.0
4/27/2016 22:30	0.2	20.7	0.5	42.5	0.1	20.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.3	34.4	0.1	20.1	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/27/2016 22:31	0.2	20.7	0.6	37.5	0.1	25.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.1	20.9	0.3	29.4	0.1	25.0	0.0
4/27/2016 22:32	0.2	20.7	0.7	50.0	0.1	30.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.5	42.0	0.1	30.4	0.0
4/27/2016 22:33	0.2	20.6	0.9	67.5	0.1	37.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.6	59.7	0.1	37.2	0.0
4/27/2016 22:34	0.2	20.6	0.9	75.5	0.1	42.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.7	67.8	0.1	41.7	0.0
4/27/2016 22:35	0.2	20.7	0.8	81.5	0.1	30.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.6	73.9	0.1	30.4	0.0
4/27/2016 22:36	0.2	20.7	0.8	59.0	0.1	32.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.6	51.1	0.1	31.9	0.0
4/27/2016 22:37	0.2	20.7	0.8	54.5	0.1	25.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.6	46.6	0.1	25.5	0.0
4/27/2016 22:38	0.2	20.7	0.7	51.5	0.2	32.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.5	43.5	0.1	31.9	0.0
4/27/2016 22:39	0.2	20.7	0.7	56.5	0.1	29.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	48.6	0.1	28.9	0.0
4/27/2016 22:40	0.2	20.7	0.7	55.5	0.1	33.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.5	47.6	0.1	33.3	0.0
4/27/2016 22:41	0.2	20.7	0.7	61.0	0.1	29.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	53.2	0.1	28.9	0.0
4/27/2016 22:42	0.2	20.7	0.6	52.0	0.1	26.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	44.0	0.1	26.0	0.0
4/27/2016 22:43	0.2	20.7	0.6	52.0	0.1	34.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	44.0	0.1	33.8	0.0
4/27/2016 22:44	0.2	20.7	0.6	59.0	0.1	29.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	51.1	0.1	29.4	0.0
4/27/2016 22:45	0.2	20.7	0.5	49.5	0.1	20.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	41.5	0.1	20.6	0.0
4/27/2016 22:46	0.2	20.7	0.8	49.0	0.1	51.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.5	41.0	0.1	50.9	0.0
4/27/2016 22:47	0.3	20.6	0.8	101.5	0.2	32.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.6	94.2	0.1	31.9	0.0
4/27/2016 22:48	0.2	20.7	0.7	62.5	0.1	33.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	54.7	0.1	33.3	0.0
4/27/2016 22:49	0.2	20.7	0.6	55.0	0.1	23.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	47.1	0.1	23.1	0.0
4/27/2016 22:50	0.2	20.7	0.5	36.5	0.1	18.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.2	28.3	0.1	18.7	0.0
4/27/2016 22:51	0.3	20.7	0.6	39.5	0.1	30.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	31.4	0.1	30.4	0.0
4/27/2016 22:52	0.3	20.7	0.5	43.0	0.1	19.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	34.9	0.1	19.2	0.0
4/27/2016 22:53	0.2	20.7	0.4	29.0	0.1	14.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.1	20.8	0.1	14.7	0.0
4/27/2016 22:54	0.3	20.6	1.0	52.5	0.1	64.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.8	44.5	0.1	63.2	0.0
4/27/2016 22:55	0.4	20.6	1.6	144.0	0.1	71.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.3	137.2	0.1	70.0	0.0
4/27/2016 22:56	0.3	20.6	1.1	133.0	0.1	29.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.8	126.0	0.1	29.4	0.0
4/27/2016 22:57	0.3	20.7	0.5	44.5	0.1	15.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	36.4	0.0	15.7	0.0
4/27/2016 22:58	0.3	20.7	0.7	33.0	0.1	33.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.5	24.8	0.1	33.3	0.0
4/27/2016 22:59	0.3	20.7	0.7	62.0	0.1	34.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.5	54.2	0.1	34.3	0.0
4/27/2016 23:00	0.3	20.6	1.0	80.0	0.1	51.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.7	72.4	0.1	50.5	0.0
4/27/2016 23:01	0.3	20.6	1.3	125.0	0.1	76.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.0	117.9	0.1	74.9	0.0
4/27/2016 23:02	0.3	20.6	1.5	169.5	0.1	81.5	0.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.3	163.0	0.1	80.3	0.1
4/27/2016 23:03	0.3	20.6	1.4	173.5	0.2	66.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.1	167.1	0.1	65.1	0.0
4/27/2016 23:04	0.3	20.6	1.4	146.5	0.2	68.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.1	139.7	0.1	67.1	0.0
4/27/2016 23:05	0.3	20.6	1.1	120.0	0.2	45.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.9	112.9	0.1	45.1	0.0
4/27/2016 23:06	0.3	20.6	1.0	92.0	0.2	50.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.8	84.5	0.1	50.0	0.0
4/27/2016 23:07	0.3	20.6	1.0	96.5	0.1	45.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.8	89.1	0.1	45.1	0.0
4/27/2016 23:08	0.3	20.6	0.9	82.0	0.1	42.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.6	74.4	0.1	41.7	0.0
4/27/2016 23:09	0.3	20.6	1.0	80.5	0.1	40.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.7	72.9	0.1	39.7	0.0
4/27/2016 23:10	0.3	20.6	1.0	81.5	0.1	46.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.7	73.9	0.1	46.1	0.0
4/27/2016 23:11	0.3	20.6	0.9	76.5	0.1	32.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.6	68.8	0.1	32.4	0.0
4/27/2016 23:12	0.3	20.7	0.8	62.5	0.1	38.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.5	54.7	0.1	38.2	0.0
4/27/2016 23:13	0.3	20.6	1.1	79.0	0.1	39.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.8	71.4	0.1	38.7	0.0
4/27/2016 23:14	0.3	20.7	0.7	62.5	0.1	20.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.5	54.7	0.1	20.1	0.0
4/27/2016 23:15	0.3	20.7	0.9	40.5	0.1	25.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.6	32.4	0.1	25.5	0.0
4/27/2016 23:16	0.3	20.7	0.7	42.0	0.1	23.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.5	33.9	0.1	23.1	0.0
4/27/2016 23:17	0.3	20.7	0.6	37.5	0.1	19.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	29.4	0.0	19.6	0.0
4/27/2016 23:18	0.3	20.7	0.7	34.5	0.1	34.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.5	26.3	0.0	33.8	0.0
4/27/2016 23:19	0.3	20.6	1.2	74.5	0.1	30.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.9	66.8	0.1	30.4	0.0
4/27/2016 23:20	0.3	20.7	0.7	54.0	0.1	18.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.5	46.1	0.1	18.7	0.0
4/27/2016 23:21	0.3	20.7	0.9	39.0	0.1	30.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.6	30.9	0.0	30.4	0.0
4/27/2016 23:22	0.3	20.7	0.8	59.5	0.1	42.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.6	51.6	0.0	41.7	0.0
4/27/2016 23:23	0.3	20.6	1.7	108.0	0.1	60.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.5	100.7	0.1	59.7	0.0
4/27/2016 23:24	0.3	20.6	1.5	128.0	0.1	56.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.2	121.0	0.1	55.8	0.0
4/27/2016 23:25	0.3	20.6	1.4	122.5	0.1	54.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.1	115.4	0.1	53.9	0.0
4/27/2016 23:26	0.3	20.6	1.3	120.0	0.1	53.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.1	112.9	0.1	52.9	0.0
4/27/2016 23:27	0.3	20.6	1.4	110.5	0.1	61.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	1.1	103.3	0.1	60.2	0.0
4/27/2016 23:28	0.3	20.6	1.2	110.0	0.1	28.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.9	102.8	0.1	28.0	0.0
4/27/2016 23:29	0.2	20.7	0.7	47.0	0.1	18.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	39.0	0.1	18.2	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/27/2016 23:30	0.2	20.7	0.8	32.5	0.1	31.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.5	24.3	0.1	31.4	0.0
4/27/2016 23:31	0.3	20.7	0.9	61.5	0.1	40.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.6	53.7	0.1	39.7	0.0
4/27/2016 23:32	0.3	20.6	1.3	97.5	0.1	63.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.1	90.1	0.1	62.2	0.0
4/27/2016 23:33	0.3	20.6	1.4	140.5	0.1	55.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.2	133.6	0.1	54.9	0.0
4/27/2016 23:34	0.3	20.6	1.3	120.0	0.1	49.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.0	112.9	0.1	49.0	0.0
4/27/2016 23:35	0.3	20.6	1.4	106.5	0.1	58.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.1	99.2	0.1	57.8	0.0
4/27/2016 23:36	0.3	20.6	1.6	133.5	0.1	69.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.4	126.6	0.1	68.6	0.0
4/27/2016 23:37	0.4	20.6	1.8	163.0	0.1	93.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.6	156.4	0.1	92.0	0.0
4/27/2016 23:38	0.4	20.6	1.8	200.0	0.2	79.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.7	1.6	193.9	0.1	77.8	0.0
4/27/2016 23:39	0.3	20.6	1.3	152.0	0.2	53.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.1	145.3	0.1	52.4	0.0
4/27/2016 23:40	0.3	20.6	1.5	137.5	0.2	80.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.3	130.6	0.1	79.3	0.0
4/27/2016 23:41	0.3	20.6	1.3	150.5	0.2	65.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.1	143.8	0.1	64.6	0.0
4/27/2016 23:42	0.3	20.6	1.3	130.0	0.2	58.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.0	123.0	0.1	57.3	0.0
4/27/2016 23:43	0.3	20.6	1.4	133.5	0.2	70.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.2	126.6	0.1	69.0	0.0
4/27/2016 23:44	0.3	20.6	1.2	124.0	0.2	58.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.0	116.9	0.1	57.8	0.0
4/27/2016 23:45	0.3	20.6	1.1	110.5	0.2	40.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.9	103.3	0.1	40.2	0.0
4/27/2016 23:46	0.3	20.7	1.0	77.5	0.1	53.5	0.5	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.7	69.9	0.1	52.9	0.6
4/27/2016 23:47	0.3	20.6	1.2	119.0	0.2	68.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.0	111.9	0.1	67.1	0.0
4/27/2016 23:48	0.3	20.6	1.4	149.5	0.2	81.5	1.3	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.1	142.8	0.1	80.3	1.6
4/27/2016 23:49	0.3	20.6	1.3	153.0	0.2	52.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.0	146.3	0.1	51.9	0.0
4/27/2016 23:50	0.3	20.6	1.2	109.0	0.2	51.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.9	101.8	0.1	50.9	0.0
4/27/2016 23:51	0.3	20.7	1.1	90.0	0.2	43.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.8	82.5	0.1	42.6	0.0
4/27/2016 23:52	0.3	20.6	1.2	86.0	0.2	41.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.9	78.5	0.1	41.2	0.0
4/27/2016 23:53	0.3	20.7	1.0	77.0	0.2	35.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.7	69.4	0.1	34.8	0.0
4/27/2016 23:54	0.3	20.7	0.8	53.5	0.2	33.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.5	45.6	0.1	32.8	0.0
4/27/2016 23:55	0.3	20.7	0.9	64.0	0.2	33.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.6	56.2	0.1	32.8	0.0
4/27/2016 23:56	0.3	20.7	0.7	53.0	0.2	22.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.4	45.1	0.1	22.6	0.0
4/27/2016 23:57	0.3	20.7	0.6	36.5	0.1	24.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	28.3	0.1	24.5	0.0
4/27/2016 23:58	0.3	20.7	0.7	42.0	0.1	27.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.4	33.9	0.1	27.5	0.0
4/27/2016 23:59	0.3	20.7	0.5	41.5	0.1	20.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	33.4	0.1	20.6	0.0
4/28/2016 0:00	0.3	20.7	0.6	38.5	0.1	27.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.3	30.4	0.1	27.0	0.0
4/28/2016 0:01	0.3	20.7	0.7	53.5	0.1	39.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.5	45.6	0.1	39.2	0.0
4/28/2016 0:02	0.3	20.7	0.7	66.5	0.1	30.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.4	58.7	0.1	29.9	0.0
4/28/2016 0:03	0.3	20.7	0.5	50.5	0.1	24.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.3	42.5	0.1	24.5	0.0
4/28/2016 0:04	0.3	20.7	0.5	40.5	0.1	24.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	32.4	0.1	24.0	0.0
4/28/2016 0:05	0.3	20.7	0.6	46.0	0.1	26.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.3	38.0	0.1	26.0	0.0
4/28/2016 0:06	0.3	20.7	0.6	49.5	0.1	25.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.3	41.5	0.1	25.0	0.0
4/28/2016 0:07	0.3	20.7	0.6	46.0	0.1	28.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	38.0	0.1	28.4	0.0
4/28/2016 0:08	0.3	20.7	0.6	48.5	0.1	23.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	40.5	0.1	23.1	0.0
4/28/2016 0:09	0.3	20.7	0.6	44.0	0.1	26.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	35.9	0.1	26.0	0.0
4/28/2016 0:10	0.3	20.7	0.6	45.5	0.1	25.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	37.5	0.1	25.5	0.0
4/28/2016 0:11	0.3	20.7	0.7	54.0	0.1	28.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.4	46.1	0.1	28.0	0.0
4/28/2016 0:12	0.3	20.7	0.7	57.5	0.1	30.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.4	49.6	0.0	30.4	0.0
4/28/2016 0:13	0.3	20.7	0.5	45.0	0.1	20.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.2	37.0	0.0	20.1	0.0
4/28/2016 0:14	0.3	20.7	0.5	36.0	0.1	24.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	27.8	0.0	24.5	0.0
4/28/2016 0:15	0.3	20.7	0.5	38.5	0.1	25.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.2	30.4	0.0	25.0	0.0
4/28/2016 0:16	0.3	20.7	0.8	57.0	0.1	41.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.5	49.1	0.0	40.7	0.0
4/28/2016 0:17	0.3	20.7	0.6	72.5	0.1	25.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.4	64.8	0.1	25.0	0.0
4/28/2016 0:18	0.3	20.7	0.5	41.5	0.1	22.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	33.4	0.0	22.6	0.0
4/28/2016 0:19	0.3	20.7	0.5	40.0	0.1	21.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.3	31.9	0.0	21.1	0.0
4/28/2016 0:20	0.3	20.7	0.5	36.0	0.1	22.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.2	27.8	0.0	22.1	0.0
4/28/2016 0:21	0.3	20.7	0.6	43.0	0.1	30.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.4	34.9	0.0	30.4	0.0
4/28/2016 0:22	0.3	20.7	0.6	53.5	0.1	24.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.3	45.6	0.0	24.5	0.0
4/28/2016 0:23	0.3	20.7	0.5	42.0	0.1	24.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.3	33.9	0.0	24.5	0.0
4/28/2016 0:24	0.3	20.7	0.6	47.5	0.1	23.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.3	39.5	0.0	23.1	0.0
4/28/2016 0:25	0.3	20.7	0.4	28.5	0.1	13.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.1	20.2	0.0	13.8	0.0
4/28/2016 0:26	0.3	20.7	0.4	17.5	0.1	18.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.1	9.1	0.0	18.2	0.0
4/28/2016 0:27	0.3	20.7	0.5	31.5	0.1	19.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.2	23.3	0.0	19.6	0.0
4/28/2016 0:28	0.3	20.7	0.5	37.0	0.1	25.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.2	28.9	0.0	25.5	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/28/2016 0:29	0.3	20.6	1.1	56.5	0.1	27.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.9	48.6	0.0	27.0	0.0
4/28/2016 0:30	0.3	20.7	0.6	54.0	0.1	24.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	46.1	0.0	24.5	0.0
4/28/2016 0:31	0.3	20.6	0.8	58.5	0.1	46.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.5	50.6	0.0	46.1	0.0
4/28/2016 0:32	0.3	20.7	0.7	81.0	0.1	25.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.5	73.4	0.1	25.0	0.0
4/28/2016 0:33	0.2	20.7	0.4	38.5	0.1	13.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.2	30.4	0.0	13.8	0.0
4/28/2016 0:34	0.2	20.7	0.3	15.5	0.1	12.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.1	7.1	0.0	12.3	0.0
4/28/2016 0:35	0.2	20.7	0.4	18.0	0.1	18.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.1	9.6	0.0	18.7	0.0
4/28/2016 0:36	0.2	20.7	0.4	27.5	0.1	16.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.1	19.2	0.0	16.2	0.0
4/28/2016 0:37	0.2	20.7	0.4	26.0	0.1	18.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.1	17.7	0.0	18.2	0.0
4/28/2016 0:38	0.2	20.7	0.4	29.5	0.1	15.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.1	21.3	0.0	15.2	0.0
4/28/2016 0:39	0.2	20.7	0.4	23.0	0.1	18.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.1	14.7	0.0	18.7	0.0
4/28/2016 0:40	0.2	20.7	0.4	28.0	0.1	15.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.1	19.7	0.0	15.2	0.0
4/28/2016 0:41	0.3	20.7	0.7	45.0	0.1	48.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.4	37.0	0.0	48.0	0.0
4/28/2016 0:42	0.3	20.6	1.1	116.0	0.1	68.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.9	108.8	0.0	67.1	0.0
4/28/2016 0:43	0.4	20.6	1.2	154.0	0.1	45.5	0.1	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	1.0	147.3	0.1	45.1	0.1
4/28/2016 0:44	0.3	20.7	0.6	73.0	0.1	17.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	65.3	0.0	17.7	0.0
4/28/2016 0:45	0.3	20.7	0.7	36.5	0.1	39.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.8	0.5	28.3	0.0	38.7	0.0
4/28/2016 0:46	0.3	20.6	1.1	100.0	0.1	40.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.8	92.6	0.1	40.2	0.0
4/28/2016 0:47	0.3	20.6	1.0	101.0	0.1	35.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.7	93.7	0.1	34.8	0.0
4/28/2016 0:48	0.3	20.7	0.7	71.5	0.1	23.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.5	63.8	0.1	23.1	0.0
4/28/2016 0:49	0.3	20.7	0.6	49.5	0.1	23.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.4	41.5	0.0	23.6	0.0
4/28/2016 0:50	0.3	20.7	0.7	57.0	0.1	38.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.5	49.1	0.1	37.7	0.0
4/28/2016 0:51	0.3	20.7	0.5	62.0	0.1	18.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.3	54.2	0.0	18.7	0.0
4/28/2016 0:52	0.3	20.7	0.7	43.5	0.1	31.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.8	0.4	35.4	0.0	30.9	0.0
4/28/2016 0:53	0.3	20.7	0.5	58.5	0.1	21.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.9	0.3	50.6	0.0	21.1	0.0
4/28/2016 0:54	0.3	20.7	0.4	34.5	0.1	17.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.2	26.3	0.0	17.7	0.0
4/28/2016 0:55	0.3	20.7	0.4	30.5	0.1	18.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.2	22.3	0.0	18.7	0.0
4/28/2016 0:56	0.3	20.7	0.5	39.0	0.1	19.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	30.9	0.0	19.2	0.0
4/28/2016 0:57	0.3	20.7	0.6	44.5	0.1	25.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.3	36.4	0.0	25.0	0.0
4/28/2016 0:58	0.3	20.7	0.5	47.5	0.1	17.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.2	39.5	0.0	17.7	0.0
4/28/2016 0:59	0.3	20.7	0.6	41.5	0.1	25.0	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.2	20.9	0.4	33.4	0.0	25.0	0.0
4/28/2016 1:00	0.3	20.2	0.6	54.0	0.1	20.5	0.0	Night 3 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.2	25.2	25.1	8.5	261.8	256.4	0.1	13.9	14.8	-0.6	14.2	14.4	1.181	0.3	20.3	0.3	46.1	0.0	20.6	0.0
	0.2	**20.6**	**1.3**	**126.9**	**0.2**	**55.2**	**0.5**	**Night 3 Average**																				**0.2**	**20.8**	**1.1**	**119.9**	**0.1**	**54.6**	**0.6**
4/28/2016 1:01	0.3	3.4	0.3	27.5	0.1	10.0	5.7																												
4/28/2016 1:02	0.2	0.1	0.2	8.0	0.2	9.3	**8.1**	**9.98 H2S Bias Check**																											
4/28/2016 1:03	0.2	7.8	0.2	7.5	0.2	2.0	5.7																												
4/28/2016 1:04	0.3	20.2	0.2	8.0	0.1	1.4	0.3																												
4/28/2016 1:05	5.7	13.3	0.1	8.0	0.1	0.6	-0.3																												
4/28/2016 1:06	10.9	11.0	0.1	7.5	0.1	0.3	-0.2																												
4/28/2016 1:07	11.0	10.9	0.1	7.5	0.1	0.1	-0.2																												
4/28/2016 1:08	11.1	10.9	0.1	7.5	0.1	0.1	-0.2																												
4/28/2016 1:09	11.0	**10.9**	0.1	7.5	**0.1**	0.1	-0.2	**10.98 O2, Zero SO2 Bias Check**																											
4/28/2016 1:10	6.8	3.9	21.6	113.0	0.2	0.1	-0.6																												
4/28/2016 1:11	2.7	0.1	25.2	250.5	0.7	0.1	-0.3																												
4/28/2016 1:12	2.5	0.1	25.3	261.0	0.9	0.1	-0.2																												
4/28/2016 1:13	2.5	0.1	25.3	261.5	1.0	0.1	-0.2																												
4/28/2016 1:14	**2.5**	**0.1**	**25.3**	**261.5**	1.0	0.1	-0.2	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																											
4/28/2016 1:15	1.5	12.9	4.7	153.5	0.4	0.0	-0.1																												
4/28/2016 1:16	0.1	20.6	0.2	13.5	7.4	-0.1	0.0																												
4/28/2016 1:17	0.1	20.7	0.1	7.5	10.1	-0.1	0.2																												
4/28/2016 1:18	**0.1**	20.7	**0.1**	**7.5**	**13.8**	**-0.1**	0.3	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																											
4/28/2016 1:19	0.1	20.7	0.1	7.5	13.8	0.1	0.5																												
4/28/2016 1:20	0.1	9.4	0.2	7.5	1.4	14.0	0.6																												
4/28/2016 1:21	0.1	0.2	0.1	7.5	0.7	14.1	0.1																												
4/28/2016 1:22	0.1	0.1	0.1	7.5	0.6	14.1	-0.1																												
4/28/2016 1:23	0.1	0.1	0.1	7.5	0.5	**14.1**	-0.1	**14.4 C3H8 Bias Check**																											
4/28/2016 1:24	0.1	0.1	0.1	7.5	0.4	13.8	-0.2																												
4/28/2016 1:25	0.1	11.3	0.2	8.0	0.2	0.6	-0.2																												
4/28/2016 1:26	0.1	20.5	0.2	8.5	0.1	-0.1	-0.2																												

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/28/2016 1:27	0.1	20.7	0.1	8.5	0.1	-0.1	-0.2																										
4/28/2016 1:28	0.1	20.7	0.1	8.5	0.1	-0.1	-0.2																										
4/28/2016 1:29	0.1	20.7	0.1	8.5	0.1	-0.1	-0.2																										
4/28/2016 15:15	0.1	20.7	0.1	15.5	0.0	2.7	0.0																										
4/28/2016 15:16	0.0	20.7	0.1	12.0	0.0	2.4	0.0																										
4/28/2016 15:17	0.0	20.7	0.1	11.0	0.0	2.2	0.0																										
4/28/2016 15:18	0.0	20.7	0.1	11.0	0.0	2.6	0.0																										
4/28/2016 15:19	0.0	20.7	0.1	12.5	0.0	2.5	0.0																										
4/28/2016 15:20	0.0	20.7	0.1	12.0	0.0	2.5	0.0																										
4/28/2016 15:21	0.0	20.7	0.1	12.0	0.0	2.6	0.0																										
4/28/2016 15:22	0.0	20.7	0.1	13.0	0.0	3.7	0.0																										
4/28/2016 15:23	0.0	20.7	0.2	18.5	0.0	4.5	0.0																										
4/28/2016 15:24	0.0	20.7	0.2	17.0	0.0	3.1	0.0																										
4/28/2016 15:25	0.0	20.7	0.1	12.5	0.0	2.5	0.0																										
4/28/2016 15:26	0.0	20.7	0.2	13.5	0.0	3.9	0.0																										
4/28/2016 15:27	0.0	20.7	0.1	16.0	0.0	3.2	0.0																										
4/28/2016 15:28	1.0	18.1	0.2	14.0	0.0	3.2	0.0																										
4/28/2016 15:29	9.6	11.3	0.1	11.5	0.0	-0.1	0.0																										
4/28/2016 15:30	10.7	11.0	0.1	10.5	0.0	-0.1	0.0																										
4/28/2016 15:31	10.7	11.0	0.0	10.5	0.0	-0.1	0.0																										
4/28/2016 15:32	10.7	**11.0**	0.0	10.5	**0.0**	-0.1	0.0	**10.98 O2, Zero SO2 Bias Check**																									
4/28/2016 15:33	9.9	8.9	8.7	33.5	0.1	0.7	0.0																										
4/28/2016 15:34	3.2	0.6	24.7	209.5	0.4	1.2	0.0																										
4/28/2016 15:35	2.5	0.2	24.8	263.0	0.6	1.2	0.0																										
4/28/2016 15:36	2.5	0.1	24.8	264.0	0.7	1.2	0.0																										
4/28/2016 15:37	**2.5**	**0.1**	**24.8**	**264.0**	0.7	1.2	0.0	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/28/2016 15:38	2.2	3.6	17.0	242.5	0.6	0.0	0.0																										
4/28/2016 15:39	0.3	19.5	0.2	57.5	6.0	0.0	0.0																										
4/28/2016 15:40	0.0	20.7	0.3	11.0	10.9	0.0	0.0																										
4/28/2016 15:41	**0.0**	20.8	**0.4**	**10.5**	**13.9**	**0.0**	0.0	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																									
4/28/2016 15:42	0.0	20.7	0.4	10.5	13.9	0.0	0.0																										
4/28/2016 15:43	0.0	18.5	0.3	10.5	3.6	6.9	0.0																										
4/28/2016 15:44	0.0	1.6	0.2	10.5	2.1	14.6	0.0																										
4/28/2016 15:45	0.0	0.2	0.1	10.5	1.4	14.6	0.0																										
4/28/2016 15:46	0.0	0.2	0.1	10.5	1.0	**14.6**	0.0	**14.4 C3H8 Bias Check**																									
4/28/2016 15:47	0.0	0.1	0.1	10.5	0.7	14.6	0.0																										
4/28/2016 15:48	0.0	2.6	0.1	11.0	0.6	8.4	0.0																										
4/28/2016 15:49	0.0	18.9	0.2	14.0	0.4	-0.1	0.2																										
4/28/2016 15:50	0.0	20.7	0.2	14.0	0.6	-0.1	0.1																										
4/28/2016 15:51	0.0	20.7	0.2	13.5	0.4	-0.1	0.1																										
4/28/2016 15:52	0.0	20.7	0.2	13.0	0.3	-0.1	0.0																										
4/28/2016 15:53	0.0	18.9	0.1	13.5	0.3	-0.1	4.0																										
4/28/2016 15:54	0.0	0.2	0.1	12.5	0.2	-0.1	7.6																										
4/28/2016 15:55	0.0	0.2	0.1	12.5	0.2	-0.1	**8.3**	**9.98 H2S Bias Check**																									
4/28/2016 15:56	0.0	0.2	0.2	14.0	0.2	-0.1	6.4																										
4/28/2016 15:57	0.0	17.5	0.2	15.0	0.1	-0.1	0.0																										
4/28/2016 15:58	0.0	20.7	0.2	17.0	0.1	-0.1	0.0																										
4/28/2016 15:59	0.0	20.7	0.2	18.0	0.1	-0.1	0.4																										
4/28/2016 16:00	0.0	20.7	0.2	16.5	0.1	-0.1	0.0																										
4/28/2016 16:01	0.0	20.7	0.2	17.5	0.1	-0.1	0.0																										
4/28/2016 16:02	0.0	20.7	0.2	19.5	0.1	-0.1	0.0																										
4/28/2016 16:03	0.0	20.7	0.1	14.5	0.1	-0.1	0.0																										
4/28/2016 16:04	0.0	20.7	0.1	13.0	0.1	-0.1	0.0																										
4/28/2016 16:05	0.0	20.7	0.1	14.0	0.1	-0.1	0.0																										
4/28/2016 16:06	0.0	20.7	0.1	12.5	0.1	-0.1	0.0																										
4/28/2016 16:07	0.0	20.7	0.1	12.0	0.1	-0.1	0.0																										
4/28/2016 16:08	0.0	20.7	0.1	12.0	0.1	-0.1	0.2																										
4/28/2016 16:09	0.0	20.7	0.2	15.5	0.1	-0.1	0.5																										
4/28/2016 16:10	0.0	20.7	0.2	16.5	0.1	-0.1	0.0																										

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/28/2016 16:11	0.0	20.7	0.2	18.5	0.1	-0.1	0.0																										
4/28/2016 16:12	0.0	20.7	0.2	17.5	0.1	-0.1	0.0																										
4/28/2016 16:13	0.0	20.7	0.1	15.5	0.1	-0.1	0.0																										
4/28/2016 16:14	0.0	20.7	0.2	17.0	0.1	-0.1	0.0																										
4/28/2016 16:15	0.0	20.7	0.2	18.0	0.1	-0.1	0.0																										
4/28/2016 16:16	0.0	20.7	0.1	14.5	0.1	-0.1	0.0																										
4/28/2016 16:17	0.0	20.7	0.2	13.0	0.1	-0.1	0.0																										
4/28/2016 16:18	0.0	20.7	0.2	15.0	0.1	-0.1	0.0																										
4/28/2016 16:19	0.0	20.7	0.2	14.5	0.1	-0.1	0.0																										
4/28/2016 16:20	0.0	20.7	0.2	15.0	0.0	-0.1	0.0																										
4/28/2016 16:21	0.0	20.7	0.1	14.5	0.0	-0.1	0.0																										
4/28/2016 16:22	0.0	20.7	0.2	15.0	0.1	-0.1	0.0																										
4/28/2016 16:23	0.0	20.7	0.1	17.5	0.0	-0.1	0.0																										
4/28/2016 16:24	0.0	20.7	0.1	21.5	0.0	-0.1	0.0																										
4/28/2016 16:25	0.0	20.7	0.2	18.0	0.0	-0.1	0.1																										
4/28/2016 16:26	0.0	20.7	0.2	18.0	0.0	-0.1	0.1																										
4/28/2016 16:27	0.0	20.7	0.2	14.0	0.0	-0.1	0.0																										
4/28/2016 16:28	0.0	20.7	0.2	13.5	0.0	-0.1	0.0																										
4/28/2016 16:29	0.0	20.7	0.2	12.5	0.0	-0.1	0.1																										
4/28/2016 16:30	0.0	20.7	0.1	11.5	0.0	-0.1	0.0																										
4/28/2016 16:31	0.0	20.7	0.1	11.0	0.0	-0.1	0.1																										
4/28/2016 16:32	0.0	20.7	0.2	12.0	0.0	-0.1	0.1																										
4/28/2016 16:33	0.1	20.7	0.2	14.0	0.0	-0.1	0.1																										
4/28/2016 16:34	0.1	20.7	0.2	13.0	0.0	-0.1	0.0																										
4/28/2016 16:35	0.1	20.7	0.1	14.0	0.0	-0.1	0.0																										
4/28/2016 16:36	0.1	20.7	0.1	12.5	0.0	-0.1	0.1																										
4/28/2016 16:37	0.1	20.7	0.1	13.5	0.0	-0.1	0.1																										
4/28/2016 16:38	0.1	20.7	0.1	13.5	0.0	-0.1	0.1																										
4/28/2016 16:39	0.1	20.7	0.1	12.5	0.0	-0.1	0.1																										
4/28/2016 16:40	0.1	20.7	0.1	11.5	0.0	-0.1	0.1																										
4/28/2016 16:41	0.1	20.7	0.1	13.0	0.0	-0.1	0.1																										
4/28/2016 16:42	0.1	20.7	0.1	13.0	0.0	-0.1	0.1																										
4/28/2016 16:43	0.1	20.7	0.1	13.0	0.0	-0.1	0.1																										
4/28/2016 16:44	0.1	20.7	0.1	11.5	0.0	-0.1	0.1																										
4/28/2016 16:45	0.2	20.7	0.1	14.5	0.0	-0.1	0.0																										
4/28/2016 16:46	0.2	20.7	0.1	16.0	0.0	-0.1	0.1																										
4/28/2016 16:47	0.2	20.7	0.1	16.0	0.0	-0.1	0.1																										
4/28/2016 16:48	0.1	6.2	0.1	12.0	0.0	-0.1	0.1																										
4/28/2016 16:49	0.1	0.2	0.0	10.5	0.0	-0.1	0.1																										
4/28/2016 16:50	0.1	0.2	0.0	10.0	0.0	-0.1	0.1																										
4/28/2016 16:51	0.4	13.6	3.3	209.0	0.1	90.3	0.1																										
4/28/2016 16:52	0.6	20.1	3.8	410.0	0.2	98.8	0.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.6	20.2	3.5	404.9	0.1	99.0	0.1
4/28/2016 16:53	0.6	20.2	3.7	435.5	0.2	101.9	0.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.6	20.4	3.5	430.7	0.1	102.1	1.0
4/28/2016 16:54	0.6	20.2	4.0	422.5	0.2	100.4	0.8	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.5	20.4	3.8	417.6	0.2	100.6	0.9
4/28/2016 16:55	0.7	19.9	8.3	540.0	0.4	102.4	0.8	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.7	20.1	8.1	536.3	0.3	102.6	0.9
4/28/2016 16:56	0.9	19.9	7.1	705.5	0.5	102.3	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.9	20.1	6.9	703.5	0.5	102.5	1.2
4/28/2016 16:57	0.7	20.1	6.4	592.5	0.5	102.4	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.7	20.3	6.2	589.3	0.5	102.6	1.4
4/28/2016 16:58	0.6	20.3	5.4	426.0	0.5	87.4	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.5	20.4	5.2	421.1	0.4	87.6	1.3
4/28/2016 16:59	0.7	20.1	7.2	416.0	0.6	102.4	0.8	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.6	20.2	7.0	411.0	0.5	102.6	0.9
4/28/2016 17:00	0.6	20.3	4.8	347.5	0.5	63.0	0.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.5	20.5	4.6	341.8	0.5	63.1	1.0
4/28/2016 17:01	0.4	20.4	4.8	229.5	0.5	85.6	0.8	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	4.6	222.6	0.4	85.7	0.9
4/28/2016 17:02	0.4	20.5	3.2	214.0	0.4	42.2	0.7	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	2.9	206.9	0.3	42.3	0.8
4/28/2016 17:03	0.4	20.4	4.5	249.5	0.4	99.1	0.7	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	4.3	242.8	0.3	99.3	0.8
4/28/2016 17:04	0.4	20.5	3.2	303.5	0.4	50.5	0.7	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.7	3.0	297.3	0.3	50.6	0.8
4/28/2016 17:05	0.4	20.5	3.6	218.5	0.3	98.1	0.6	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.3	211.4	0.3	98.3	0.7
4/28/2016 17:06	0.4	20.4	3.9	368.0	0.4	102.4	0.7	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.6	362.5	0.3	102.6	0.8
4/28/2016 17:07	0.4	20.4	3.5	403.5	0.4	92.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.3	398.4	0.3	92.7	1.4
4/28/2016 17:08	0.4	20.4	3.5	335.0	0.3	30.0	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.2	329.2	0.3	30.1	1.2

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/28/2016 17:09	0.4	20.4	3.5	344.0	0.3	124.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.2	338.2	0.3	124.3	0.0
4/28/2016 17:10	0.4	20.4	3.5	343.0	0.4	115.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.3	337.2	0.3	115.3	0.0
4/28/2016 17:11	0.4	20.4	4.1	356.0	0.4	184.5	2.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.9	350.4	0.3	184.9	3.3
4/28/2016 17:12	0.6	20.3	4.2	531.0	0.4	157.0	0.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.5	20.5	4.0	527.2	0.4	157.3	1.0
4/28/2016 17:13	0.5	20.4	3.6	407.0	0.4	130.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.4	401.9	0.3	130.3	1.5
4/28/2016 17:14	0.4	20.5	3.4	312.0	0.4	125.0	2.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.2	305.9	0.3	125.3	2.9
4/28/2016 17:15	0.4	20.4	3.8	364.5	0.4	148.0	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.6	359.0	0.4	148.3	1.2
4/28/2016 17:16	0.4	20.4	4.1	378.0	0.4	149.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.9	372.6	0.4	149.3	1.5
4/28/2016 17:17	0.4	20.5	3.2	295.5	0.4	76.5	1.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.0	289.2	0.4	76.7	1.1
4/28/2016 17:18	0.4	20.5	3.5	249.0	0.4	97.0	2.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.3	242.3	0.4	97.2	2.7
4/28/2016 17:19	0.3	20.6	2.4	164.5	0.4	50.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.1	156.9	0.3	50.6	1.6
4/28/2016 17:20	0.2	20.6	2.2	102.0	0.3	57.0	0.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.0	93.7	0.3	57.1	0.5
4/28/2016 17:21	0.3	20.6	2.5	161.0	0.3	82.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.3	153.3	0.3	82.7	1.4
4/28/2016 17:22	0.4	20.4	3.8	307.5	0.4	141.0	2.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.5	301.4	0.3	141.3	2.7
4/28/2016 17:23	0.4	20.5	3.3	337.0	0.4	112.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.0	331.2	0.3	112.2	0.0
4/28/2016 17:24	0.3	20.6	2.5	222.5	0.3	71.5	1.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.2	215.5	0.3	71.7	1.2
4/28/2016 17:25	0.3	20.5	2.8	212.0	0.3	94.0	0.8	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.6	204.9	0.3	94.2	0.9
4/28/2016 17:26	0.2	20.6	2.1	173.0	0.3	58.0	0.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	1.8	165.5	0.2	58.1	1.0
4/28/2016 17:27	0.2	20.6	2.8	164.5	0.3	105.0	0.8	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.5	156.9	0.2	105.2	0.9
4/28/2016 17:28	0.3	20.5	3.1	275.0	0.3	109.5	0.8	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	2.9	268.5	0.3	109.7	0.9
4/28/2016 17:29	0.3	20.5	3.1	267.5	0.3	96.5	1.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.8	260.9	0.3	96.7	1.2
4/28/2016 17:30	0.3	20.6	2.8	231.5	0.3	98.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.5	224.6	0.3	98.2	0.0
4/28/2016 17:31	0.4	20.4	3.8	315.5	0.4	149.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.6	309.4	0.3	149.8	0.0
4/28/2016 17:32	0.5	20.3	4.5	493.0	0.5	210.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.5	4.3	488.8	0.4	211.0	0.0
4/28/2016 17:33	0.4	20.4	3.5	433.5	0.4	131.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.3	428.7	0.4	131.3	0.0
4/28/2016 17:34	0.4	20.3	4.3	409.5	0.4	215.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.5	4.0	404.4	0.4	216.0	0.0
4/28/2016 17:35	0.5	20.2	5.3	553.0	0.6	148.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.5	20.4	5.1	549.4	0.5	148.8	0.0
4/28/2016 17:36	0.4	20.4	5.2	369.5	0.6	161.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	5.0	364.0	0.5	161.9	0.0
4/28/2016 17:37	0.5	20.2	5.9	473.5	0.6	182.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.5	20.4	5.7	469.1	0.6	182.4	0.0
4/28/2016 17:38	0.5	20.3	5.6	478.5	0.6	157.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.5	20.4	5.4	474.2	0.6	157.3	0.0
4/28/2016 17:39	0.4	20.4	4.3	375.0	0.6	153.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	4.1	369.6	0.5	153.8	0.0
4/28/2016 17:40	0.4	20.3	4.9	439.0	0.6	175.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.5	4.7	434.2	0.5	175.9	0.0
4/28/2016 17:41	0.3	20.4	3.8	369.5	0.5	126.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.6	364.0	0.5	126.3	0.0
4/28/2016 17:42	0.3	20.5	3.3	276.0	0.5	117.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.1	269.5	0.4	117.8	1.5
4/28/2016 17:43	0.3	20.4	3.9	334.5	0.5	192.5	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.6	328.6	0.4	192.9	1.3
4/28/2016 17:44	0.4	20.4	4.0	479.5	0.5	186.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.5	3.8	475.2	0.4	186.4	1.5
4/28/2016 17:45	0.4	20.4	4.1	432.0	0.5	205.5	1.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.5	3.9	427.2	0.4	206.0	1.7
4/28/2016 17:46	0.3	20.5	3.3	384.0	0.4	156.5	1.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.0	378.7	0.4	156.8	1.7
4/28/2016 17:47	0.3	20.5	3.3	365.5	0.4	147.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.6	3.0	360.0	0.4	147.3	1.5
4/28/2016 17:48	0.2	20.6	2.6	260.0	0.4	109.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.3	253.4	0.3	109.7	1.5
4/28/2016 17:49	0.3	20.5	3.4	292.5	0.4	174.5	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.2	286.2	0.3	174.9	1.2
4/28/2016 17:50	0.3	20.4	4.1	364.5	0.4	152.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.8	359.0	0.4	152.3	1.4
4/28/2016 17:51	0.4	20.3	5.4	436.0	0.5	218.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.4	5.2	431.2	0.4	218.5	1.5
4/28/2016 17:52	0.3	20.5	3.5	363.5	0.4	105.0	1.6	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.2	357.9	0.4	105.2	1.9
4/28/2016 17:53	0.2	20.5	3.4	258.0	0.4	177.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.2	251.3	0.3	177.4	1.5
4/28/2016 17:54	0.4	20.3	4.4	433.0	0.4	172.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.5	4.2	428.2	0.4	172.4	1.4
4/28/2016 17:55	0.3	20.5	3.5	319.0	0.4	169.5	1.6	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.3	313.0	0.4	169.9	1.9
4/28/2016 17:56	0.4	20.4	4.5	437.5	0.4	264.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.5	4.3	432.7	0.4	264.6	1.5
4/28/2016 17:57	0.3	20.4	4.0	414.5	0.5	129.0	1.7	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.7	409.5	0.4	129.3	2.0
4/28/2016 17:58	0.3	20.4	3.9	340.5	0.4	177.0	1.6	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.6	3.6	334.7	0.4	177.4	1.8
4/28/2016 17:59	0.2	20.6	2.7	276.0	0.4	105.0	1.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.5	269.5	0.3	105.2	1.7
4/28/2016 18:00	0.2	20.5	2.9	257.5	0.4	134.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.7	250.8	0.3	134.3	1.4
4/28/2016 18:01	0.2	20.6	2.7	227.5	0.4	92.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	2.4	220.5	0.3	92.2	1.5
4/28/2016 18:02	0.2	20.6	2.6	200.5	0.4	87.0	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.3	193.2	0.3	87.2	1.3
4/28/2016 18:03	0.2	20.5	3.2	241.5	0.4	173.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.0	234.7	0.3	173.9	1.3
4/28/2016 18:04	0.4	20.3	5.0	475.0	0.4	230.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.5	4.8	470.6	0.4	231.0	1.5
4/28/2016 18:05	0.4	20.3	5.4	522.0	0.5	213.0	1.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.5	5.2	518.1	0.4	213.5	2.1
4/28/2016 18:06	0.4	20.3	5.5	504.5	0.5	179.5	1.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.5	5.3	500.4	0.5	179.9	2.2
4/28/2016 18:07	0.3	20.5	3.6	345.0	0.5	148.0	1.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.3	339.3	0.4	148.3	2.1

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/28/2016 18:08	0.3	20.5	3.6	327.0	0.4	154.5	1.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.4	321.1	0.4	154.8	1.7
4/28/2016 18:09	0.3	20.5	3.6	300.0	0.4	125.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.4	293.8	0.4	125.8	1.6
4/28/2016 18:10	0.2	20.5	3.2	266.5	0.4	123.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.9	259.9	0.4	123.3	1.6
4/28/2016 18:11	0.2	20.5	3.2	263.0	0.4	117.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.9	256.4	0.3	117.3	1.5
4/28/2016 18:12	0.2	20.5	3.4	242.5	0.4	126.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.1	235.7	0.3	126.3	1.5
4/28/2016 18:13	0.2	20.5	3.2	251.5	0.4	110.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.9	244.8	0.3	110.2	1.3
4/28/2016 18:14	0.3	20.5	3.2	250.0	0.4	109.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.9	243.3	0.3	109.2	1.3
4/28/2016 18:15	0.2	20.5	3.2	238.0	0.4	136.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.9	231.1	0.3	136.8	1.5
4/28/2016 18:16	0.3	20.5	3.0	280.5	0.4	125.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.7	274.1	0.3	125.3	1.5
4/28/2016 18:17	0.3	20.4	3.5	305.0	0.4	131.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.6	3.3	298.8	0.3	131.3	1.5
4/28/2016 18:18	0.3	20.4	3.7	344.5	0.4	151.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.5	338.8	0.3	151.3	1.6
4/28/2016 18:19	0.4	20.4	3.7	365.5	0.4	132.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.5	360.0	0.3	132.3	1.6
4/28/2016 18:20	0.3	20.4	3.7	338.5	0.4	149.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.6	3.4	332.7	0.3	149.8	1.6
4/28/2016 18:21	0.3	20.4	4.1	383.5	0.4	144.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.9	378.2	0.3	144.8	1.6
4/28/2016 18:22	0.4	20.4	4.1	395.0	0.4	166.5	1.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.5	3.9	389.8	0.4	166.9	1.7
4/28/2016 18:23	0.3	20.4	4.0	359.5	0.4	119.0	1.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.7	353.9	0.3	119.3	1.7
4/28/2016 18:24	0.4	20.4	4.6	293.0	0.4	93.0	1.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	4.4	286.7	0.4	93.2	1.7
4/28/2016 18:25	0.4	20.3	5.9	316.0	0.5	125.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.4	5.7	310.0	0.4	125.3	1.5
4/28/2016 18:26	0.5	20.2	6.0	350.0	0.5	103.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.4	5.8	344.3	0.4	103.2	1.6
4/28/2016 18:27	0.4	20.4	4.8	283.5	0.5	76.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.5	4.6	277.1	0.4	76.7	1.6
4/28/2016 18:28	0.3	20.5	4.3	179.5	0.4	79.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	4.0	172.0	0.3	79.7	1.5
4/28/2016 18:29	0.3	20.4	4.6	261.0	0.4	75.0	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	4.4	254.4	0.3	75.2	1.2
4/28/2016 18:30	0.3	20.5	4.0	206.5	0.4	80.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.8	199.3	0.3	80.7	1.5
4/28/2016 18:31	0.3	20.5	3.1	202.0	0.3	55.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.9	194.8	0.3	55.1	1.3
4/28/2016 18:32	0.2	20.6	3.0	125.5	0.3	60.5	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	2.7	117.5	0.2	60.6	1.3
4/28/2016 18:33	0.2	20.5	3.5	169.5	0.3	69.5	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.3	161.9	0.2	69.7	1.2
4/28/2016 18:34	0.3	20.5	3.5	167.5	0.3	60.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.3	159.9	0.3	60.1	1.3
4/28/2016 18:35	0.2	20.6	2.9	138.0	0.3	73.0	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.7	130.1	0.2	73.2	1.2
4/28/2016 18:36	0.4	20.4	4.5	270.5	0.3	120.5	1.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.5	4.3	264.0	0.3	120.8	1.2
4/28/2016 18:37	0.4	20.4	4.2	320.0	0.3	100.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.9	314.0	0.3	100.2	1.5
4/28/2016 18:38	0.3	20.5	3.2	245.5	0.3	67.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.0	238.7	0.2	67.6	1.6
4/28/2016 18:39	0.2	20.6	2.5	142.5	0.3	54.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.3	134.6	0.2	54.6	1.5
4/28/2016 18:40	0.2	20.6	2.7	131.0	0.3	70.0	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.5	123.0	0.2	70.2	1.2
4/28/2016 18:41	0.3	20.5	3.4	227.0	0.3	87.5	1.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.2	220.0	0.2	87.7	1.2
4/28/2016 18:42	0.3	20.5	2.9	237.5	0.3	76.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.7	230.6	0.2	76.7	1.4
4/28/2016 18:43	0.2	20.6	2.7	178.5	0.3	60.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.4	171.0	0.2	60.1	1.4
4/28/2016 18:44	0.3	20.5	3.3	180.0	0.3	91.0	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	3.0	172.5	0.2	91.2	1.3
4/28/2016 18:45	0.3	20.5	2.9	241.5	0.3	63.5	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	2.6	234.7	0.2	63.6	1.3
4/28/2016 18:46	0.2	20.6	2.5	132.5	0.2	61.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.3	124.5	0.2	61.6	1.4
4/28/2016 18:47	0.4	20.4	4.1	235.0	0.3	83.5	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.6	3.8	228.1	0.2	83.7	1.2
4/28/2016 18:48	0.3	20.5	2.9	206.0	0.3	72.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	2.7	198.8	0.2	72.2	1.5
4/28/2016 18:49	0.4	20.5	3.8	248.5	0.3	100.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.5	241.7	0.2	100.2	1.3
4/28/2016 18:50	0.4	20.5	3.7	273.0	0.3	71.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.4	266.5	0.2	71.2	1.5
4/28/2016 18:51	0.3	20.5	3.1	202.5	0.3	75.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	2.8	195.3	0.2	75.7	1.6
4/28/2016 18:52	0.4	20.5	3.6	237.5	0.3	97.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.3	230.6	0.2	97.2	1.4
4/28/2016 18:53	0.4	20.5	3.4	277.0	0.3	94.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.1	270.5	0.2	94.7	1.5
4/28/2016 18:54	0.4	20.5	3.6	303.0	0.3	109.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.4	296.8	0.2	109.2	1.6
4/28/2016 18:55	0.4	20.5	3.9	312.0	0.3	110.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.7	305.9	0.2	110.7	1.6
4/28/2016 18:56	0.4	20.4	4.2	322.5	0.3	98.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	3.9	316.5	0.3	98.2	1.6
4/28/2016 18:57	0.4	20.5	3.9	272.0	0.3	83.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.7	3.7	265.5	0.3	83.7	1.6
4/28/2016 18:58	0.4	20.4	4.3	268.5	0.3	101.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	4.1	262.0	0.3	101.7	1.5
4/28/2016 18:59	0.4	20.5	3.7	274.5	0.3	101.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.5	268.0	0.2	101.2	1.6
4/28/2016 19:00	0.4	20.5	3.8	267.0	0.3	118.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.5	260.4	0.2	118.3	1.6
4/28/2016 19:01	0.4	20.4	4.5	311.0	0.3	119.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.6	4.3	304.9	0.2	119.8	1.6
4/28/2016 19:02	0.4	20.5	3.8	284.0	0.3	108.5	1.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.7	3.5	277.6	0.3	108.7	1.7
4/28/2016 19:03	0.4	20.5	3.5	249.0	0.3	110.5	1.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.2	242.3	0.2	110.7	1.7
4/28/2016 19:04	0.4	20.5	3.4	246.5	0.3	100.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.1	239.7	0.3	100.7	1.6
4/28/2016 19:05	0.3	20.6	2.9	193.0	0.3	85.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.7	185.7	0.2	85.2	1.6
4/28/2016 19:06	0.4	20.5	3.2	204.5	0.3	93.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.0	197.3	0.3	93.7	1.5

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/28/2016 19:07	0.4	20.5	3.2	212.0	0.3	96.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	2.9	204.9	0.3	96.2	1.5
4/28/2016 19:08	0.4	20.5	3.2	196.5	0.3	89.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	2.9	189.2	0.3	89.7	1.5
4/28/2016 19:09	0.4	20.5	3.7	222.5	0.3	101.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.4	215.5	0.3	101.2	1.5
4/28/2016 19:10	0.4	20.5	3.4	222.5	0.3	95.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.2	215.5	0.2	95.2	1.5
4/28/2016 19:11	0.4	20.5	3.8	247.0	0.3	97.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.7	3.6	240.2	0.3	97.7	1.5
4/28/2016 19:12	0.4	20.6	3.1	206.5	0.3	88.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.9	199.3	0.2	88.7	1.5
4/28/2016 19:13	0.4	20.5	3.3	208.5	0.3	100.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	3.1	201.3	0.2	100.2	1.4
4/28/2016 19:14	0.4	20.6	2.9	210.5	0.3	80.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.6	203.4	0.2	80.2	1.5
4/28/2016 19:15	0.4	20.6	2.9	209.0	0.3	82.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.6	201.8	0.2	82.2	1.5
4/28/2016 19:16	0.3	20.7	1.9	122.5	0.3	57.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	1.7	114.4	0.2	57.1	1.5
4/28/2016 19:17	0.3	20.6	2.4	134.0	0.3	83.5	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.1	126.1	0.2	83.7	1.3
4/28/2016 19:18	0.4	20.6	2.8	211.0	0.3	97.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.5	203.9	0.2	97.2	1.4
4/28/2016 19:19	0.4	20.6	2.6	213.0	0.3	89.5	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.3	205.9	0.2	89.7	1.6
4/28/2016 19:20	0.4	20.6	2.7	216.0	0.3	95.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.4	208.9	0.2	95.7	1.5
4/28/2016 19:21	0.3	20.6	2.1	173.0	0.3	73.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	1.8	165.5	0.2	73.2	1.5
4/28/2016 19:22	0.3	20.6	2.5	177.5	0.3	90.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.2	170.0	0.2	90.2	1.4
4/28/2016 19:23	0.4	20.6	2.4	199.5	0.3	95.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.1	192.2	0.2	95.7	1.5
4/28/2016 19:24	0.4	20.6	2.7	206.5	0.3	94.0	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.4	199.3	0.2	94.2	1.5
4/28/2016 19:25	0.3	20.6	2.3	183.5	0.2	75.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.0	176.1	0.2	75.7	1.5
4/28/2016 19:26	0.3	20.6	2.2	155.0	0.3	86.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.0	147.3	0.2	86.7	1.4
4/28/2016 19:27	0.3	20.6	2.5	182.5	0.3	93.0	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.2	175.1	0.2	93.2	1.3
4/28/2016 19:28	0.3	20.6	2.3	181.0	0.3	90.5	1.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.1	173.5	0.2	90.7	1.5
4/28/2016 19:29	0.3	20.6	2.5	186.5	0.3	91.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.3	179.1	0.2	91.7	1.4
4/28/2016 19:30	0.3	20.6	2.8	192.0	0.3	96.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	2.5	184.7	0.2	96.7	1.3
4/28/2016 19:31	0.3	20.5	2.9	200.5	0.3	79.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	2.7	193.2	0.2	79.7	1.4
4/28/2016 19:32	0.3	20.6	2.5	140.5	0.3	80.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.2	132.6	0.2	80.7	1.3
4/28/2016 19:33	0.3	20.5	2.7	196.5	0.3	92.0	1.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	2.4	189.2	0.2	92.2	1.2
4/28/2016 19:34	0.3	20.6	2.1	167.0	0.2	65.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	1.8	159.4	0.2	65.1	1.3
4/28/2016 19:35	0.2	20.6	2.3	119.5	0.2	64.5	1.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.0	111.4	0.2	64.6	1.1
4/28/2016 19:36	0.2	20.6	2.1	122.0	0.2	54.0	0.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	1.9	113.9	0.2	54.1	1.0
4/28/2016 19:37	0.2	20.6	1.7	97.0	0.2	55.5	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.5	88.7	0.2	55.6	1.2
4/28/2016 19:38	0.2	20.6	2.6	143.0	0.2	77.5	0.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.4	135.1	0.2	77.7	1.0
4/28/2016 19:39	0.2	20.6	2.5	179.0	0.2	74.5	0.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	2.3	171.5	0.2	74.7	1.0
4/28/2016 19:40	0.2	20.6	1.8	140.0	0.2	49.0	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	1.5	132.1	0.2	49.1	1.3
4/28/2016 19:41	0.2	20.7	1.4	75.5	0.2	48.5	1.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	1.2	66.9	0.2	48.6	1.1
4/28/2016 19:42	0.2	20.6	1.9	91.0	0.2	62.0	0.8	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.7	82.6	0.2	62.1	0.9
4/28/2016 19:43	0.2	20.6	2.2	125.0	0.2	62.0	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	1.9	117.0	0.2	62.1	1.2
4/28/2016 19:44	0.2	20.6	2.1	108.0	0.2	54.5	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.8	99.8	0.2	54.6	1.2
4/28/2016 19:45	0.1	20.7	1.2	70.0	0.2	32.5	0.7	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.9	61.4	0.1	32.6	0.8
4/28/2016 19:46	0.1	20.7	1.1	44.5	0.2	27.0	0.6	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.8	35.6	0.1	27.1	0.7
4/28/2016 19:47	0.1	20.7	0.9	34.0	0.2	29.0	0.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.6	25.0	0.1	29.1	0.6
4/28/2016 19:48	0.1	20.7	1.0	43.0	0.2	33.0	0.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.7	34.1	0.1	33.1	0.5
4/28/2016 19:49	0.1	20.7	0.9	50.5	0.1	35.0	0.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.6	41.7	0.1	35.1	0.5
4/28/2016 19:50	0.1	20.6	1.3	85.5	0.2	43.0	0.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	1.0	77.0	0.1	43.1	0.6
4/28/2016 19:51	0.1	20.7	1.1	91.0	0.1	35.0	0.6	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.8	82.6	0.1	35.1	0.7
4/28/2016 19:52	0.1	20.7	0.8	52.0	0.1	28.0	0.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.6	43.2	0.1	28.1	0.5
4/28/2016 19:53	0.1	20.7	0.7	40.0	0.1	23.0	0.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.5	31.1	0.1	23.0	0.4
4/28/2016 19:54	0.1	20.7	0.6	29.5	0.1	22.0	0.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	20.5	0.1	22.0	0.4
4/28/2016 19:55	0.1	20.7	0.7	33.5	0.1	25.0	0.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.5	24.5	0.1	25.1	0.3
4/28/2016 19:56	0.1	20.7	0.6	31.5	0.1	18.5	0.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	22.5	0.1	18.5	0.3
4/28/2016 19:57	0.1	20.7	0.5	21.0	0.1	16.5	0.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	11.9	0.1	16.5	0.2
4/28/2016 19:58	0.1	20.7	0.6	20.5	0.1	19.5	0.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	11.4	0.1	19.5	0.2
4/28/2016 19:59	0.1	20.7	0.6	28.5	0.1	17.0	0.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	19.5	0.1	17.0	0.2
4/28/2016 20:00	0.1	20.7	0.5	20.5	0.1	18.0	0.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	11.4	0.1	18.0	0.2
4/28/2016 20:01	0.1	20.7	0.6	27.0	0.1	17.0	0.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	17.9	0.0	17.0	0.1
4/28/2016 20:02	0.1	20.7	0.6	22.0	0.1	16.0	0.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	12.9	0.0	16.0	0.1
4/28/2016 20:03	0.1	20.7	0.5	18.0	0.1	15.0	0.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	8.8	0.0	15.0	0.1
4/28/2016 20:04	0.1	20.7	0.6	22.0	0.1	18.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	12.9	0.0	18.5	0.0
4/28/2016 20:05	0.1	20.7	0.7	26.5	0.1	21.5	0.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	17.4	0.0	21.5	0.1

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/28/2016 20:06	0.1	20.6	1.5	53.5	0.1	31.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.2	44.7	0.1	31.1	0.0
4/28/2016 20:07	0.1	20.7	0.9	58.5	0.1	19.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.6	49.8	0.1	19.0	0.0
4/28/2016 20:08	0.1	20.7	0.9	31.5	0.1	21.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.6	22.5	0.0	21.5	0.0
4/28/2016 20:09	0.1	20.6	1.2	53.5	0.1	33.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	1.0	44.7	0.1	33.6	0.0
4/28/2016 20:10	0.1	20.6	1.7	93.0	0.1	40.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.5	84.6	0.1	40.1	0.0
4/28/2016 20:11	0.1	20.6	1.6	102.5	0.1	30.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.3	94.2	0.1	30.6	0.0
4/28/2016 20:12	0.1	20.7	1.1	57.5	0.1	28.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.9	48.8	0.1	28.1	0.0
4/28/2016 20:13	0.1	20.7	0.6	38.0	0.1	14.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	29.1	0.1	14.5	0.0
4/28/2016 20:14	0.1	20.7	0.9	26.0	0.1	24.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.6	16.9	0.0	24.1	0.0
4/28/2016 20:15	0.1	20.7	0.8	49.0	0.1	22.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.6	40.2	0.1	22.5	0.0
4/28/2016 20:16	0.1	20.6	1.0	104.0	0.1	72.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.8	95.7	0.1	72.2	1.3
4/28/2016 20:17	0.1	20.6	1.3	175.0	0.1	64.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.0	167.5	0.1	64.1	1.6
4/28/2016 20:18	0.1	20.6	1.4	147.0	0.1	57.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.2	139.2	0.1	57.1	1.6
4/28/2016 20:19	0.1	20.6	1.2	117.0	0.1	49.5	0.9	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.9	108.9	0.1	49.6	1.0
4/28/2016 20:20	0.1	20.6	1.2	114.0	0.1	53.0	0.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.0	105.8	0.1	53.1	0.2
4/28/2016 20:21	0.1	20.6	1.4	119.5	0.1	58.5	0.3	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.1	111.4	0.1	58.6	0.3
4/28/2016 20:22	0.1	20.6	1.3	137.0	0.1	61.5	1.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.1	129.1	0.1	61.6	1.7
4/28/2016 20:23	0.1	20.6	1.4	152.0	0.2	63.0	0.8	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.1	144.2	0.1	63.1	0.9
4/28/2016 20:24	0.1	20.6	1.3	135.0	0.2	58.0	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.0	127.1	0.1	58.1	1.3
4/28/2016 20:25	0.1	20.6	1.4	142.0	0.2	64.5	1.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.1	134.1	0.1	64.6	1.2
4/28/2016 20:26	0.2	20.6	1.5	155.5	0.2	68.0	1.4	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.3	147.8	0.1	68.1	1.6
4/28/2016 20:27	0.2	20.6	1.4	178.0	0.2	78.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.2	170.5	0.1	78.7	1.3
4/28/2016 20:28	0.2	20.6	1.4	182.0	0.2	77.0	1.5	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.1	174.6	0.1	77.2	1.7
4/28/2016 20:29	0.2	20.6	1.3	173.5	0.2	56.0	2.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.0	166.0	0.1	56.1	2.4
4/28/2016 20:30	0.1	20.6	1.1	90.0	0.2	71.5	1.2	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.8	81.6	0.1	71.7	1.4
4/28/2016 20:31	0.2	20.6	1.7	208.5	0.2	86.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.5	201.3	0.1	86.2	0.0
4/28/2016 20:32	0.1	20.7	1.1	102.0	0.2	41.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.8	93.7	0.1	41.1	0.0
4/28/2016 20:33	0.1	20.6	1.2	74.0	0.2	47.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.9	65.4	0.1	47.6	0.0
4/28/2016 20:34	0.1	20.6	0.9	68.5	0.2	43.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.7	59.9	0.1	43.1	0.0
4/28/2016 20:35	0.1	20.6	0.9	70.0	0.2	41.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.7	61.4	0.1	41.6	0.0
4/28/2016 20:36	0.1	20.7	0.8	56.0	0.2	39.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.5	47.2	0.1	39.1	0.0
4/28/2016 20:37	0.1	20.6	0.9	77.0	0.2	58.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.8	0.6	68.5	0.1	58.6	0.0
4/28/2016 20:38	0.2	20.6	1.4	170.5	0.2	90.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.2	162.9	0.1	90.2	0.0
4/28/2016 20:39	0.2	20.6	1.5	208.5	0.2	99.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.3	201.3	0.1	99.7	0.0
4/28/2016 20:40	0.2	20.6	1.4	205.0	0.2	86.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.2	197.8	0.1	86.7	0.0
4/28/2016 20:41	0.2	20.6	1.7	201.5	0.2	114.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.4	194.3	0.1	114.3	0.0
4/28/2016 20:42	0.2	20.5	1.8	249.5	0.2	107.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.7	1.5	242.8	0.2	107.7	0.0
4/28/2016 20:43	0.2	20.6	1.5	213.5	0.2	77.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.2	206.4	0.2	77.2	0.0
4/28/2016 20:44	0.1	20.7	0.8	91.5	0.2	34.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.6	83.1	0.1	34.6	0.0
4/28/2016 20:45	0.1	20.7	0.6	24.5	0.2	22.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	15.4	0.1	22.5	0.0
4/28/2016 20:46	0.1	20.7	0.6	21.5	0.2	39.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	12.4	0.1	39.6	0.0
4/28/2016 20:47	0.1	20.6	0.7	82.0	0.2	43.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.5	73.5	0.1	43.1	0.0
4/28/2016 20:48	0.1	20.6	1.2	123.5	0.2	72.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.0	115.4	0.1	72.2	0.0
4/28/2016 20:49	0.1	20.6	0.9	149.5	0.2	41.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.7	141.7	0.1	41.1	0.0
4/28/2016 20:50	0.1	20.7	0.5	40.5	0.2	26.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	31.6	0.1	26.1	0.0
4/28/2016 20:51	0.1	20.6	0.7	72.0	0.1	62.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.8	0.5	63.4	0.1	62.6	0.0
4/28/2016 20:52	0.1	20.6	1.2	171.0	0.1	96.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.9	163.4	0.1	96.2	0.0
4/28/2016 20:53	0.2	20.5	1.6	255.5	0.2	119.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.7	1.4	248.8	0.1	119.3	0.0
4/28/2016 20:54	0.2	20.5	1.6	240.5	0.2	116.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.7	1.3	233.7	0.1	116.3	0.0
4/28/2016 20:55	0.2	20.6	1.5	229.0	0.2	71.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.2	222.0	0.1	71.2	0.0
4/28/2016 20:56	0.1	20.7	0.8	75.0	0.2	35.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.6	66.4	0.1	35.6	0.0
4/28/2016 20:57	0.1	20.7	0.8	45.5	0.1	30.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.5	36.6	0.1	30.1	0.0
4/28/2016 20:58	0.1	20.7	0.5	25.0	0.1	20.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	15.9	0.1	20.0	0.0
4/28/2016 20:59	0.0	20.7	0.5	14.0	0.1	20.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	4.8	0.1	20.5	0.0
4/28/2016 21:00	0.1	20.7	0.6	28.5	0.1	28.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	19.5	0.1	28.1	0.0
4/28/2016 21:01	0.1	20.6	1.0	79.5	0.1	52.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.8	0.8	71.0	0.1	52.1	0.0
4/28/2016 21:02	0.1	20.6	1.1	122.0	0.1	48.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.8	113.9	0.1	48.6	0.0
4/28/2016 21:03	0.1	20.6	1.5	129.0	0.1	75.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.3	121.0	0.1	75.2	0.0
4/28/2016 21:04	0.1	20.6	1.3	158.5	0.1	62.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.0	150.8	0.1	62.1	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/28/2016 21:05	0.1	20.6	1.2	121.5	0.1	51.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.0	113.4	0.1	51.6	0.0
4/28/2016 21:06	0.1	20.6	1.3	98.0	0.1	60.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	1.0	89.7	0.1	60.1	0.0
4/28/2016 21:07	0.1	20.6	1.0	98.0	0.1	35.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.8	89.7	0.1	35.6	0.0
4/28/2016 21:08	0.1	20.7	0.9	56.5	0.1	31.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.6	47.7	0.1	31.1	0.0
4/28/2016 21:09	0.1	20.6	1.0	69.0	0.1	38.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.8	0.7	60.4	0.1	38.6	0.0
4/28/2016 21:10	0.1	20.7	0.8	64.5	0.1	28.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.6	55.8	0.1	28.6	0.0
4/28/2016 21:11	0.1	20.7	0.7	46.5	0.1	27.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.5	37.6	0.1	27.1	0.0
4/28/2016 21:12	0.1	20.7	0.8	55.5	0.1	28.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.5	46.7	0.1	28.1	0.0
4/28/2016 21:13	0.1	20.7	0.7	45.5	0.1	22.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	36.6	0.1	22.0	0.0
4/28/2016 21:14	0.1	20.7	0.6	37.0	0.1	25.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	28.0	0.1	25.6	0.0
4/28/2016 21:15	0.1	20.7	0.6	43.5	0.1	24.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	34.6	0.0	24.6	0.0
4/28/2016 21:16	0.1	20.7	0.7	46.5	0.1	21.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	37.6	0.0	21.5	0.0
4/28/2016 21:17	0.1	20.7	0.6	43.0	0.1	24.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	34.1	0.0	24.6	0.0
4/28/2016 21:18	0.1	20.7	0.6	47.5	0.1	21.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	38.6	0.0	21.5	0.0
4/28/2016 21:19	0.1	20.7	0.6	37.5	0.1	20.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	28.5	0.0	20.0	0.0
4/28/2016 21:20	0.1	20.7	0.6	32.5	0.1	19.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	23.5	0.0	19.0	0.0
4/28/2016 21:21	0.1	20.7	0.6	35.5	0.1	19.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	26.5	0.0	19.5	0.0
4/28/2016 21:22	0.1	20.7	0.5	33.0	0.1	16.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	24.0	0.0	16.5	0.0
4/28/2016 21:23	0.1	20.7	0.5	24.5	0.1	18.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.2	15.4	0.0	18.5	0.0
4/28/2016 21:24	0.1	20.7	0.7	33.0	0.1	20.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	24.0	0.0	20.0	0.0
4/28/2016 21:25	0.1	20.7	0.6	34.5	0.1	20.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	25.5	0.0	20.5	0.0
4/28/2016 21:26	0.1	20.7	0.7	33.0	0.1	24.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	24.0	0.0	24.6	0.0
4/28/2016 21:27	0.1	20.6	1.1	64.0	0.1	30.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.8	0.8	55.3	0.0	30.6	0.0
4/28/2016 21:28	0.1	20.7	0.8	55.5	0.1	28.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.6	46.7	0.0	28.1	0.0
4/28/2016 21:29	0.1	20.6	0.9	62.0	0.1	29.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.6	53.3	0.0	29.1	0.0
4/28/2016 21:30	0.1	20.6	0.9	57.0	0.1	34.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.6	48.2	0.0	34.1	0.0
4/28/2016 21:31	0.1	20.7	0.8	69.0	0.1	26.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.5	60.4	0.0	26.1	0.0
4/28/2016 21:32	0.1	20.7	0.5	35.5	0.1	19.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	26.5	0.0	19.5	0.0
4/28/2016 21:33	0.1	20.7	0.5	29.0	0.1	21.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	20.0	0.0	21.0	0.0
4/28/2016 21:34	0.1	20.7	0.7	52.0	0.1	35.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	43.2	0.0	35.1	0.0
4/28/2016 21:35	0.1	20.7	0.6	64.5	0.1	29.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	55.8	0.0	29.1	0.0
4/28/2016 21:36	0.1	20.7	0.7	63.5	0.1	31.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.4	54.8	0.0	31.6	0.0
4/28/2016 21:37	0.1	20.6	1.0	86.0	0.1	64.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.7	77.6	0.0	64.1	0.0
4/28/2016 21:38	0.2	20.6	1.2	163.5	0.1	67.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.9	155.9	0.0	67.6	0.0
4/28/2016 21:39	0.1	20.6	1.0	135.5	0.1	66.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.8	127.6	0.0	66.6	0.0
4/28/2016 21:40	0.1	20.6	0.9	115.5	0.1	44.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.7	107.4	0.0	44.1	0.0
4/28/2016 21:41	0.1	20.6	0.9	92.0	0.1	48.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.6	83.6	0.0	48.1	0.0
4/28/2016 21:42	0.1	20.6	0.8	83.5	0.1	38.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.5	75.0	0.0	38.6	0.0
4/28/2016 21:43	0.1	20.7	0.6	68.0	0.1	28.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.4	59.4	0.0	28.1	0.0
4/28/2016 21:44	0.1	20.7	0.4	25.0	0.1	16.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	15.9	0.0	16.0	0.0
4/28/2016 21:45	0.1	20.7	0.4	15.5	0.1	19.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.1	6.3	0.0	19.0	0.0
4/28/2016 21:46	0.1	20.7	0.4	29.0	0.1	18.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	20.0	0.0	18.0	0.0
4/28/2016 21:47	0.1	20.7	0.3	21.0	0.1	16.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.1	11.9	0.0	16.5	0.0
4/28/2016 21:48	0.1	20.7	0.4	22.5	0.1	23.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.1	13.4	0.0	23.6	0.0
4/28/2016 21:49	0.1	20.7	0.6	63.0	0.1	37.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.4	54.3	0.0	37.6	0.0
4/28/2016 21:50	0.1	20.6	0.7	84.5	0.1	37.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.4	76.0	0.0	37.6	0.0
4/28/2016 21:51	0.1	20.7	0.6	71.5	0.1	36.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.4	62.9	0.0	36.6	0.0
4/28/2016 21:52	0.1	20.7	0.5	61.0	0.1	27.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.3	52.3	0.0	27.6	0.0
4/28/2016 21:53	0.1	20.7	0.4	39.5	0.1	20.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	30.6	0.0	20.0	0.0
4/28/2016 21:54	0.1	20.7	0.4	29.5	0.1	24.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.1	20.5	0.0	24.6	0.0
4/28/2016 21:55	0.1	20.7	0.5	50.0	0.1	26.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.3	41.2	0.0	26.1	0.0
4/28/2016 21:56	0.1	20.7	0.4	34.5	0.1	19.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.1	25.5	0.0	19.0	0.0
4/28/2016 21:57	0.1	20.7	0.4	29.0	0.1	23.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.1	20.0	0.0	23.0	0.0
4/28/2016 21:58	0.1	20.7	0.5	43.0	0.1	24.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.3	34.1	0.0	24.1	0.0
4/28/2016 21:59	0.1	20.7	0.5	49.5	0.1	22.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	40.7	0.0	22.5	0.0
4/28/2016 22:00	0.1	20.7	0.4	33.0	0.1	19.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.2	24.0	0.0	19.5	0.0
4/28/2016 22:01	0.1	20.7	0.5	38.5	0.1	25.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.2	29.6	0.0	25.6	0.0
4/28/2016 22:02	0.1	20.7	0.5	53.5	0.1	27.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	44.7	0.0	27.1	0.0
4/28/2016 22:03	0.1	20.7	0.6	53.5	0.1	40.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.0	20.9	0.3	44.7	0.0	40.1	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/28/2016 22:04	0.1	20.6	1.0	129.5	0.1	71.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.8	121.5	0.0	71.2	0.0
4/28/2016 22:05	0.2	20.6	0.9	137.5	0.1	31.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.6	129.6	0.0	31.6	0.0
4/28/2016 22:06	0.1	20.7	0.7	59.5	0.1	46.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.4	50.8	0.0	46.6	0.0
4/28/2016 22:07	0.2	20.6	1.0	134.5	0.1	69.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.8	126.6	0.0	69.7	0.0
4/28/2016 22:08	0.2	20.6	1.1	168.0	0.1	60.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.8	160.4	0.1	60.6	0.0
4/28/2016 22:09	0.2	20.6	0.8	121.5	0.1	39.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.8	0.5	113.4	0.0	39.6	0.0
4/28/2016 22:10	0.1	20.6	0.8	93.0	0.1	52.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.6	84.6	0.1	52.6	0.0
4/28/2016 22:11	0.2	20.7	0.6	96.0	0.1	26.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.4	87.7	0.1	26.6	0.0
4/28/2016 22:12	0.1	20.7	0.5	36.0	0.1	29.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	27.0	0.0	29.6	0.0
4/28/2016 22:13	0.1	20.7	0.5	61.0	0.1	30.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.3	52.3	0.0	30.1	0.0
4/28/2016 22:14	0.1	20.7	0.4	43.0	0.1	22.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	34.1	0.0	22.0	0.0
4/28/2016 22:15	0.1	20.7	0.4	29.0	0.1	19.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.1	20.0	0.0	19.0	0.0
4/28/2016 22:16	0.1	20.7	0.2	21.0	0.1	15.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	-0.1	11.9	0.0	15.0	0.0
4/28/2016 22:17	0.1	20.7	0.2	19.0	0.1	17.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	-0.1	9.9	0.0	17.5	0.0
4/28/2016 22:18	0.2	20.7	0.3	31.5	0.1	17.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.1	22.5	0.0	17.0	0.0
4/28/2016 22:19	0.2	20.7	0.2	18.0	0.1	13.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	-0.1	8.8	0.0	13.5	0.0
4/28/2016 22:20	0.2	20.7	0.4	35.0	0.1	24.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	26.0	0.0	24.1	0.0
4/28/2016 22:21	0.2	20.7	0.3	39.0	0.1	16.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.1	30.1	0.0	16.0	0.0
4/28/2016 22:22	0.2	20.7	0.3	20.5	0.1	15.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.0	11.4	0.0	15.5	0.0
4/28/2016 22:23	0.2	20.7	0.2	22.0	0.1	13.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	-0.1	12.9	0.0	13.5	0.0
4/28/2016 22:24	0.2	20.7	0.6	58.5	0.1	53.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.4	49.8	0.0	53.6	0.0
4/28/2016 22:25	0.2	20.7	0.6	93.5	0.1	27.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.4	85.1	0.0	27.6	0.0
4/28/2016 22:26	0.2	20.7	0.4	37.0	0.1	27.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	28.0	0.0	27.1	0.0
4/28/2016 22:27	0.2	20.6	0.8	70.0	0.1	60.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.5	61.4	0.0	60.6	0.0
4/28/2016 22:28	0.3	20.6	0.9	136.0	0.1	30.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.7	128.1	0.0	30.6	0.0
4/28/2016 22:29	0.2	20.7	0.4	26.0	0.1	14.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.1	16.9	0.0	14.5	0.0
4/28/2016 22:30	0.2	20.7	0.3	13.5	0.1	15.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.0	4.3	0.0	15.0	0.0
4/28/2016 22:31	0.2	20.7	0.3	24.5	0.1	17.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.1	15.4	0.0	17.5	0.0
4/28/2016 22:32	0.2	20.7	0.3	27.0	0.1	19.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.1	17.9	0.0	19.5	0.0
4/28/2016 22:33	0.2	20.7	0.3	30.0	0.1	19.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	21.0	0.0	19.5	0.0
4/28/2016 22:34	0.2	20.7	0.6	56.0	0.1	36.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	47.2	0.0	36.6	0.0
4/28/2016 22:35	0.2	20.7	0.4	55.0	0.1	18.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	46.2	0.0	18.5	0.0
4/28/2016 22:36	0.2	20.7	0.4	31.0	0.0	19.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	22.0	0.0	19.5	0.0
4/28/2016 22:37	0.2	20.7	0.4	37.0	0.0	22.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	28.0	0.0	22.0	0.0
4/28/2016 22:38	0.2	20.7	0.4	39.0	0.0	22.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	30.1	0.0	22.5	0.0
4/28/2016 22:39	0.2	20.7	0.4	45.0	0.0	21.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	36.1	0.0	21.5	0.0
4/28/2016 22:40	0.2	20.7	0.3	31.5	0.0	15.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	22.5	0.0	15.5	0.0
4/28/2016 22:41	0.2	20.7	0.4	33.0	0.0	23.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	24.0	0.0	23.0	0.0
4/28/2016 22:42	0.2	20.7	0.4	47.5	0.0	16.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	38.6	0.0	16.5	0.0
4/28/2016 22:43	0.2	20.7	0.3	33.5	0.0	18.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	24.5	0.0	18.0	0.0
4/28/2016 22:44	0.2	20.7	0.3	32.0	0.0	12.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	23.0	0.0	12.5	0.0
4/28/2016 22:45	0.2	20.7	0.2	14.0	0.0	11.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	4.8	0.0	11.0	0.0
4/28/2016 22:46	0.2	20.7	0.2	16.0	0.0	12.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	6.8	0.0	12.0	0.0
4/28/2016 22:47	0.2	20.7	0.2	19.0	0.0	12.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	9.9	0.0	12.5	0.0
4/28/2016 22:48	0.2	20.7	0.2	16.0	0.0	10.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	6.8	0.0	10.5	0.0
4/28/2016 22:49	0.2	20.7	0.2	15.5	0.0	12.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	6.3	0.0	12.0	0.0
4/28/2016 22:50	0.2	20.7	0.2	17.5	0.0	10.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	8.3	0.0	10.0	0.0
4/28/2016 22:51	0.2	20.7	0.2	11.0	0.0	9.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	1.8	0.0	9.0	0.0
4/28/2016 22:52	0.2	20.7	0.2	15.0	0.0	11.5	0.1	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	5.8	0.0	11.5	0.1
4/28/2016 22:53	0.2	20.7	0.4	31.0	0.0	20.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	22.0	0.0	20.5	0.0
4/28/2016 22:54	0.2	20.7	0.2	24.0	0.0	11.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	14.9	0.0	11.0	0.0
4/28/2016 22:55	0.2	20.7	0.2	15.0	0.0	16.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	5.8	0.0	16.5	0.0
4/28/2016 22:56	0.2	20.7	0.3	31.5	0.0	11.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	22.5	0.0	11.5	0.0
4/28/2016 22:57	0.2	20.7	0.2	15.0	0.0	29.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	5.8	0.0	29.6	0.0
4/28/2016 22:58	0.2	20.6	0.7	96.5	0.1	31.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.5	88.2	0.0	31.1	0.0
4/28/2016 22:59	0.2	20.7	0.2	27.0	0.0	11.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	17.9	0.0	11.5	0.0
4/28/2016 23:00	0.2	20.7	0.2	10.0	0.0	15.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	-0.1	0.8	0.0	15.0	0.0
4/28/2016 23:01	0.2	20.6	1.2	98.0	0.1	98.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.9	89.7	0.0	98.2	0.0
4/28/2016 23:02	0.3	20.5	1.8	242.5	0.1	83.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	1.5	235.7	0.1	83.2	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/28/2016 23:03	0.3	20.6	1.0	140.5	0.1	45.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.8	132.6	0.1	45.1	0.0
4/28/2016 23:04	0.3	20.6	1.1	116.0	0.1	81.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.9	107.9	0.1	81.7	0.0
4/28/2016 23:05	0.4	20.5	2.0	262.5	0.1	146.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	1.8	255.9	0.1	146.8	0.0
4/28/2016 23:06	0.4	20.5	1.9	303.5	0.2	90.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.7	1.7	297.3	0.1	90.2	0.0
4/28/2016 23:07	0.2	20.7	0.9	101.5	0.1	35.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.7	93.2	0.1	35.1	0.0
4/28/2016 23:08	0.2	20.7	0.7	49.0	0.1	24.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.4	40.2	0.1	24.1	0.0
4/28/2016 23:09	0.2	20.7	0.6	24.5	0.1	34.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	15.4	0.1	34.6	0.0
4/28/2016 23:10	0.2	20.7	0.7	68.0	0.1	30.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.4	59.4	0.1	30.1	0.0
4/28/2016 23:11	0.2	20.7	0.7	54.5	0.1	28.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.4	45.7	0.1	28.1	0.0
4/28/2016 23:12	0.2	20.7	0.5	39.0	0.1	16.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	30.1	0.1	16.0	0.0
4/28/2016 23:13	0.2	20.7	0.4	16.0	0.1	17.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	6.8	0.1	17.5	0.0
4/28/2016 23:14	0.2	20.7	0.4	23.0	0.1	14.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	13.9	0.0	14.0	0.0
4/28/2016 23:15	0.2	20.7	0.3	13.5	0.1	13.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.0	4.3	0.0	13.0	0.0
4/28/2016 23:16	0.2	20.7	0.3	11.5	0.1	11.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.0	2.3	0.0	11.5	0.0
4/28/2016 23:17	0.2	20.7	0.4	12.5	0.1	11.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	3.3	0.0	11.5	0.0
4/28/2016 23:18	0.2	20.7	0.3	13.5	0.1	11.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	4.3	0.0	11.5	0.0
4/28/2016 23:19	0.3	20.6	0.8	71.0	0.1	42.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.5	62.4	0.0	42.6	0.0
4/28/2016 23:20	0.3	20.6	0.8	129.5	0.1	38.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.5	121.5	0.0	38.1	0.0
4/28/2016 23:21	0.3	20.6	0.7	98.5	0.1	34.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.4	90.2	0.0	34.1	0.0
4/28/2016 23:22	0.3	20.6	0.7	86.0	0.1	33.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.5	77.6	0.0	33.6	0.0
4/28/2016 23:23	0.3	20.6	0.7	93.0	0.1	35.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.4	84.6	0.0	35.1	0.0
4/28/2016 23:24	0.3	20.6	0.7	95.5	0.1	36.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.5	87.2	0.0	36.1	0.0
4/28/2016 23:25	0.3	20.6	0.7	90.0	0.1	31.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.9	0.4	81.6	0.0	31.6	0.0
4/28/2016 23:26	0.3	20.7	0.5	64.5	0.1	18.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	55.8	0.0	18.5	0.0
4/28/2016 23:27	0.3	20.7	0.3	25.0	0.0	14.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	15.9	0.0	14.0	0.0
4/28/2016 23:28	0.3	20.7	0.3	22.0	0.0	15.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	12.9	0.0	15.0	0.0
4/28/2016 23:29	0.3	20.7	0.3	29.0	0.0	15.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	20.0	0.0	15.0	0.0
4/28/2016 23:30	0.3	20.6	0.9	64.5	0.1	38.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.7	55.8	0.0	38.6	0.0
4/28/2016 23:31	0.3	20.7	0.4	55.0	0.1	12.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	46.2	0.0	12.5	0.0
4/28/2016 23:32	0.3	20.7	0.2	12.0	0.0	14.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	2.8	0.0	14.0	0.0
4/28/2016 23:33	0.3	20.7	0.5	36.0	0.1	23.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	27.0	0.0	23.0	0.0
4/28/2016 23:34	0.3	20.7	0.4	37.0	0.0	16.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	28.0	0.0	16.0	0.0
4/28/2016 23:35	0.3	20.7	0.5	34.5	0.0	15.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	25.5	0.0	15.5	0.0
4/28/2016 23:36	0.3	20.7	0.5	26.5	0.0	11.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	17.4	0.0	11.0	0.0
4/28/2016 23:37	0.3	20.7	0.5	32.5	0.0	16.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	23.5	0.0	16.0	0.0
4/28/2016 23:38	0.3	20.7	0.4	31.0	0.0	10.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	22.0	0.0	10.5	0.0
4/28/2016 23:39	0.3	20.7	0.4	15.5	0.0	18.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	6.3	0.0	18.5	0.0
4/28/2016 23:40	0.3	20.7	0.5	19.5	0.1	95.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	10.4	0.0	95.7	0.0
4/28/2016 23:41	0.3	20.7	0.5	33.5	0.0	7.4	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	24.5	0.0	7.4	0.0
4/28/2016 23:42	0.3	20.7	0.4	14.5	0.0	7.3	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	5.3	0.0	7.3	0.0
4/28/2016 23:43	0.3	20.7	0.4	20.0	0.1	8.3	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	10.9	0.0	8.3	0.0
4/28/2016 23:44	0.3	20.7	0.5	27.0	0.1	8.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	17.9	0.0	8.6	0.0
4/28/2016 23:45	0.3	20.6	0.5	36.5	0.1	10.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	27.5	0.0	10.5	0.0
4/28/2016 23:46	0.3	20.6	0.7	55.0	0.1	27.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.9	0.5	46.2	0.0	27.0	0.0
4/28/2016 23:47	0.3	20.6	0.6	91.5	0.0	15.1	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.3	83.1	0.0	15.1	0.0
4/28/2016 23:48	0.4	20.6	1.0	101.5	0.1	48.2	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.7	93.2	0.0	48.3	0.0
4/28/2016 23:49	0.4	20.6	0.8	119.5	0.1	20.8	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.5	111.4	0.0	20.8	0.0
4/28/2016 23:50	0.3	20.6	0.6	64.5	0.0	26.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.9	0.3	55.8	0.0	26.0	0.0
4/28/2016 23:51	0.4	20.6	1.1	128.0	0.1	54.2	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.8	120.0	0.0	54.3	0.0
4/28/2016 23:52	0.4	20.6	1.0	142.5	0.1	37.4	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.7	134.6	0.0	37.5	0.0
4/28/2016 23:53	0.4	20.6	1.0	153.5	0.1	38.4	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.4	20.8	0.8	145.8	0.0	38.5	0.0
4/28/2016 23:54	0.4	20.6	0.8	131.0	0.1	33.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.6	123.0	0.0	33.0	0.0
4/28/2016 23:55	0.4	20.6	0.7	97.5	0.1	30.2	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.4	89.2	0.0	30.2	0.0
4/28/2016 23:56	0.4	20.6	0.8	100.5	0.1	40.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.6	92.2	0.0	40.7	0.0
4/28/2016 23:57	0.4	20.6	0.8	124.0	0.1	37.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.6	115.9	0.0	37.6	0.0
4/28/2016 23:58	0.4	20.6	1.0	122.5	0.1	47.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.7	114.4	0.0	47.7	0.0
4/28/2016 23:59	0.4	20.6	0.9	125.0	0.1	34.3	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.7	117.0	0.0	34.4	0.0
4/29/2016 0:00	0.3	20.6	0.6	70.0	0.1	15.2	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.4	61.4	0.0	15.2	0.0
4/29/2016 0:01	0.3	20.7	0.5	26.0	0.1	11.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	16.9	0.0	11.5	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/29/2016 0:02	0.2	20.7	0.5	20.0	0.1	12.1	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	10.9	0.0	12.1	0.0
4/29/2016 0:03	0.2	20.7	0.4	21.5	0.1	10.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	12.4	0.0	10.9	0.0
4/29/2016 0:04	0.2	20.7	0.4	15.0	0.1	8.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	5.8	0.0	8.9	0.0
4/29/2016 0:05	0.2	20.7	0.5	15.0	0.1	9.3	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	5.8	0.0	9.3	0.0
4/29/2016 0:06	0.2	20.7	0.4	22.0	0.0	12.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	12.9	0.0	12.9	0.0
4/29/2016 0:07	0.2	20.6	0.7	66.0	0.0	32.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.5	57.3	0.0	32.6	0.0
4/29/2016 0:08	0.3	20.6	0.9	134.5	0.1	51.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.7	126.6	0.0	51.1	0.0
4/29/2016 0:09	0.2	20.6	0.9	126.0	0.1	37.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.7	118.0	0.0	37.6	0.0
4/29/2016 0:10	0.2	20.6	1.0	92.0	0.1	25.3	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.7	83.6	0.0	25.3	0.0
4/29/2016 0:11	0.2	20.6	0.7	63.5	0.1	15.3	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.5	54.8	0.0	15.3	0.0
4/29/2016 0:12	0.2	20.7	0.4	24.5	0.1	10.2	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	15.4	0.0	10.2	0.0
4/29/2016 0:13	0.2	20.7	0.4	15.5	0.0	9.8	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	6.3	0.0	9.8	0.0
4/29/2016 0:14	0.2	20.7	0.4	16.0	0.0	8.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.1	20.9	0.2	6.8	0.0	8.9	0.0
4/29/2016 0:15	0.2	20.7	0.5	24.5	0.0	17.8	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	15.4	0.0	17.8	0.0
4/29/2016 0:16	0.2	20.6	0.5	54.0	0.1	9.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	45.2	0.0	9.6	0.0
4/29/2016 0:17	0.2	20.7	0.4	18.5	0.0	10.2	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	9.3	0.0	10.2	0.0
4/29/2016 0:18	0.2	20.7	0.5	27.0	0.0	9.3	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	17.9	0.0	9.3	0.0
4/29/2016 0:19	0.2	20.7	0.4	23.5	0.1	8.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	14.4	0.0	8.9	0.0
4/29/2016 0:20	0.2	20.7	0.5	23.0	0.1	9.3	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	13.9	0.0	9.3	0.0
4/29/2016 0:21	0.2	20.7	0.4	27.0	0.1	8.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	17.9	0.0	8.9	0.0
4/29/2016 0:22	0.2	20.7	0.2	15.5	0.1	7.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	6.3	0.0	7.0	0.0
4/29/2016 0:23	0.2	20.7	0.3	16.5	0.1	9.2	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.0	7.3	0.0	9.2	0.0
4/29/2016 0:24	0.2	20.7	0.3	20.0	0.1	9.8	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	10.9	0.0	9.8	0.0
4/29/2016 0:25	0.2	20.7	0.4	21.5	0.1	10.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	12.4	0.0	10.9	0.0
4/29/2016 0:26	0.2	20.7	0.5	43.0	0.1	10.4	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	34.1	0.0	10.4	0.0
4/29/2016 0:27	0.2	20.7	0.4	24.0	0.0	9.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	14.9	0.0	9.9	0.0
4/29/2016 0:28	0.3	20.6	1.0	76.5	0.1	45.7	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.7	68.0	0.0	45.7	0.0
4/29/2016 0:29	0.3	20.6	0.9	131.0	0.1	23.3	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.6	123.0	0.0	23.3	0.0
4/29/2016 0:30	0.3	20.6	0.7	76.0	0.0	20.8	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.4	67.4	0.0	20.8	0.0
4/29/2016 0:31	0.3	20.6	0.7	73.0	0.0	17.8	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.4	64.4	0.0	17.8	0.0
4/29/2016 0:32	0.3	20.6	0.7	75.0	0.1	26.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.5	66.4	0.0	26.0	0.0
4/29/2016 0:33	0.3	20.6	0.6	74.0	0.1	28.4	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	65.4	0.0	28.5	0.0
4/29/2016 0:34	0.3	20.6	0.8	113.0	0.1	30.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.3	20.8	0.6	104.8	0.0	30.9	0.0
4/29/2016 0:35	0.3	20.7	0.5	53.0	0.1	11.5	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	44.2	0.0	11.5	0.0
4/29/2016 0:36	0.3	20.7	0.6	39.5	0.1	21.8	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	30.6	0.0	21.8	0.0
4/29/2016 0:37	0.3	20.6	0.7	83.0	0.1	24.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.4	74.5	0.0	24.7	0.0
4/29/2016 0:38	0.3	20.7	0.3	46.5	0.1	10.1	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.1	37.6	0.0	10.1	0.0
4/29/2016 0:39	0.2	20.7	0.2	14.0	0.1	8.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	4.8	0.0	8.6	0.0
4/29/2016 0:40	0.2	20.7	0.2	12.0	0.1	7.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	2.8	0.0	7.9	0.0
4/29/2016 0:41	0.2	20.7	0.2	11.0	0.1	7.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	1.8	0.0	7.6	0.0
4/29/2016 0:42	0.2	20.7	0.2	11.5	0.1	7.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	2.3	0.0	7.9	0.0
4/29/2016 0:43	0.2	20.7	0.2	14.5	0.1	8.3	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	5.3	0.0	8.3	0.0
4/29/2016 0:44	0.2	20.7	0.2	15.0	0.1	7.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	5.8	0.0	7.9	0.0
4/29/2016 0:45	0.2	20.7	0.2	15.0	0.1	8.2	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	5.8	0.0	8.2	0.0
4/29/2016 0:46	0.2	20.7	0.2	14.5	0.1	7.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	5.3	0.0	7.6	0.0
4/29/2016 0:47	0.2	20.7	0.2	14.0	0.0	7.7	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	4.8	0.0	7.7	0.0
4/29/2016 0:48	0.2	20.7	0.2	13.5	0.0	7.6	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	4.3	0.0	7.6	0.0
4/29/2016 0:49	0.2	20.7	0.2	13.5	0.1	7.4	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	4.3	0.0	7.4	0.0
4/29/2016 0:50	0.2	20.7	0.2	14.5	0.1	7.7	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	5.3	0.0	7.7	0.0
4/29/2016 0:51	0.2	20.7	0.2	12.5	0.0	7.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	3.3	0.0	7.0	0.0
4/29/2016 0:52	0.2	20.7	0.2	12.0	0.1	6.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	-0.1	2.8	0.0	6.9	0.0
4/29/2016 0:53	0.2	20.6	0.5	29.5	0.1	16.0	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	20.5	0.0	16.0	0.0
4/29/2016 0:54	0.2	20.6	0.5	53.0	0.1	14.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	44.2	0.0	14.9	0.0
4/29/2016 0:55	0.2	20.7	0.5	46.0	0.1	12.7	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.2	37.1	0.0	12.7	0.0
4/29/2016 0:56	0.2	20.6	0.6	53.0	0.1	24.1	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.4	44.2	0.0	24.2	0.0
4/29/2016 0:57	0.3	20.6	0.6	74.5	0.1	23.9	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.8	0.4	65.9	0.0	24.0	0.0
4/29/2016 0:58	0.2	20.6	0.5	63.0	0.1	20.8	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	20.9	0.3	54.3	0.0	20.8	0.0
4/29/2016 0:59	0.3	19.7	0.7	67.0	0.0	16.8	0.0	Night 4 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	25.0	25.1	9.3	263.0	256.4	0.0	13.9	14.8	0.0	14.4	14.4	1.161	0.2	19.9	0.4	58.4	0.0	16.8	0.0
	0.2	**20.6**	**1.7**	**141.1**	**0.2**	**58.4**	**0.4**	**Night 4 Average**																				**0.2**	**20.8**	**1.4**	**133.2**	**0.2**	**58.5**	**0.5**

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/29/2016 1:00	0.2	2.7	0.1	25.0	0.1	9.2	7.0																										
4/29/2016 1:01	0.2	0.1	0.1	8.5	0.2	8.4	8.7																										
4/29/2016 1:02	0.2	0.1	0.1	8.0	0.2	8.1	8.9																										
4/29/2016 1:03	0.2	0.1	0.1	8.0	0.2	7.8	**9.0**	**9.98 H2S Bias Check**																									
4/29/2016 1:04	3.2	5.5	0.1	8.0	0.1	0.1	4.6																										
4/29/2016 1:05	10.6	10.7	0.1	8.5	0.1	0.1	0.4																										
4/29/2016 1:06	11.0	10.9	0.1	8.0	0.0	0.1	0.3																										
4/29/2016 1:07	11.0	10.9	0.1	8.0	0.0	0.1	0.2																										
4/29/2016 1:08	11.0	**10.9**	0.1	8.0	**0.0**	0.1	0.2	**10.98 O2, Zero SO2 Bias Check**																									
4/29/2016 1:09	8.7	6.5	15.2	66.0	0.1	0.1	-0.3																										
4/29/2016 1:10	2.9	0.2	25.2	236.0	0.6	0.1	0.2																										
4/29/2016 1:11	2.6	0.1	25.2	261.5	0.8	0.1	0.2																										
4/29/2016 1:12	2.6	0.1	25.2	262.0	0.8	0.1	0.2																										
4/29/2016 1:13	**2.6**	**0.1**	**25.3**	**262.0**	0.8	0.1	0.2	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/29/2016 1:14	2.0	7.8	11.1	204.5	0.6	0.1	0.2																										
4/29/2016 1:15	0.3	20.3	0.1	26.5	5.2	0.0	0.2																										
4/29/2016 1:16	0.1	20.7	0.1	8.0	7.4	0.0	0.2																										
4/29/2016 1:17	**0.1**	20.7	**0.2**	**8.0**	**13.8**	**0.0**	0.2	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																									
4/29/2016 1:18	0.1	20.7	0.2	8.0	13.8	0.0	0.2																										
4/29/2016 1:19	0.1	14.4	0.2	8.0	8.0	10.2	0.2																										
4/29/2016 1:20	0.1	0.5	0.1	8.0	5.7	14.3	0.2																										
4/29/2016 1:21	0.1	0.1	0.1	8.0	2.4	**14.3**	0.2																										
4/29/2016 1:22	0.1	0.1	0.1	8.0	1.6	14.2	0.2	**14.4 C3H8 Bias Check**																									
4/29/2016 1:23	0.1	0.1	0.1	8.5	1.1	14.1	0.2																										
4/29/2016 1:24	0.1	6.5	0.1	8.5	0.8	4.0	0.2																										
4/29/2016 1:25	0.2	20.0	0.1	9.0	0.6	-0.1	0.4																										
4/29/2016 1:26	0.2	20.6	0.1	9.0	0.4	-0.1	0.3																										
4/29/2016 1:27	0.1	20.7	0.1	9.0	0.3	-0.1	0.3																										
4/29/2016 1:28	0.1	20.7	0.1	9.0	0.3	-0.1	0.2																										
4/29/2016 1:29	0.1	20.7	0.1	8.5	0.2	-0.1	0.2																										
4/29/2016 15:15	0.1	20.7	0.1	14.5	0.0	0.3	0.2																										
4/29/2016 15:16	0.1	20.7	0.1	12.0	0.0	0.3	0.2																										
4/29/2016 15:17	0.1	20.7	0.2	15.0	0.1	0.3	0.2																										
4/29/2016 15:18	0.1	20.7	0.1	12.5	0.0	0.3	0.2																										
4/29/2016 15:19	0.1	20.7	0.1	12.0	0.0	0.3	0.2																										
4/29/2016 15:20	0.1	20.7	0.1	11.0	0.0	0.3	0.2																										
4/29/2016 15:21	0.1	20.7	0.2	12.0	0.0	0.3	0.2																										
4/29/2016 15:22	0.1	20.7	0.2	17.0	0.0	0.3	0.2																										
4/29/2016 15:23	0.1	20.7	0.1	13.5	0.0	0.3	0.2																										
4/29/2016 15:24	0.1	20.7	0.1	14.0	0.0	0.3	0.2																										
4/29/2016 15:25	0.1	20.7	0.1	12.0	0.0	0.3	0.2																										
4/29/2016 15:26	0.1	20.7	0.3	17.0	0.0	0.3	0.2																										
4/29/2016 15:27	0.1	20.7	0.2	17.0	0.0	0.3	0.2																										
4/29/2016 15:28	1.0	18.1	0.2	16.0	0.0	0.3	0.2																										
4/29/2016 15:29	9.6	11.3	0.1	12.0	0.0	0.3	0.2																										
4/29/2016 15:30	10.8	10.9	0.1	10.5	0.0	0.3	0.2																										
4/29/2016 15:31	10.8	10.9	0.1	10.5	0.0	0.3	0.2																										
4/29/2016 15:32	10.8	**10.9**	0.1	10.5	**0.0**	0.3	0.2	**10.98 O2, Zero SO2 Bias Check**																									
4/29/2016 15:33	10.2	9.1	8.3	31.0	0.0	0.3	0.2																										
4/29/2016 15:34	3.4	0.7	24.5	206.0	0.4	0.3	0.2																										
4/29/2016 15:35	2.5	0.1	24.6	263.0	0.6	0.3	0.2																										
4/29/2016 15:36	2.5	0.1	24.6	264.0	0.6	0.3	0.2																										
4/29/2016 15:37	**2.5**	**0.1**	**24.6**	**264.0**	0.6	0.3	0.2	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																									
4/29/2016 15:38	2.3	3.2	17.4	244.5	0.6	0.3	0.2																										
4/29/2016 15:39	0.4	19.3	0.3	60.0	2.7	0.3	0.2																										
4/29/2016 15:40	0.1	20.7	0.4	10.5	9.4	0.3	0.2																										
4/29/2016 15:41	0.1	20.7	0.4	10.0	11.8	0.3	0.2																										
4/29/2016 15:42	**0.1**	20.7	**0.4**	**10.0**	**13.7**	**0.2**	0.2	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																									
4/29/2016 15:43	0.1	18.8	0.4	10.0	13.7	0.2	0.2																										

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	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	C_o, CO_2	C_m, CO_2	C_{ma}, CO_2	C_o, O_2	C_m, O_2	C_{ma}, O_2	C_o, NO_x	C_m, NO_x	C_{ma}, NO_x	C_o, CO	C_m, CO	C_{ma}, CO	C_o, SO_2	C_m, SO_2	C_{ma}, SO_2	C_o, TOC	C_m, TOC	C_{ma}, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/29/2016 15:44	0.1	1.7	0.2	10.0	10.5	6.5	0.2																										
4/29/2016 15:45	0.1	0.2	0.1	10.0	3.6	14.2	0.2																										
4/29/2016 15:46	0.1	0.1	0.1	10.0	2.0	**14.2**	0.2	**14.4 C3H8 Bias Check**																									
4/29/2016 15:47	0.1	0.2	0.1	10.0	1.3	14.3	5.1																										
4/29/2016 15:48	0.1	0.1	0.1	10.0	0.9	5.6	10.2																										
4/29/2016 15:49	0.1	0.1	0.1	10.0	0.6	0.2	10.4																										
4/29/2016 15:50	0.1	0.1	0.1	10.0	0.5	0.2	**10.7**	**9.98 H2S Bias Check**																									
4/29/2016 15:51	0.1	0.1	0.1	10.0	0.4	0.2	10.4																										
4/29/2016 15:52	0.1	14.6	0.3	15.5	0.3	0.2	4.2																										
4/29/2016 15:53	0.1	20.6	0.3	18.0	0.3	0.2	1.6																										
4/29/2016 15:54	0.1	20.7	0.3	19.0	0.2	0.2	0.0																										
4/29/2016 15:55	0.1	20.7	0.2	14.0	0.2	0.2	0.0																										
4/29/2016 15:56	0.1	20.7	0.1	12.0	0.2	0.2	0.0																										
4/29/2016 15:57	0.1	20.7	0.2	14.5	0.1	0.2	0.0																										
4/29/2016 15:58	0.1	20.7	0.2	15.5	0.1	0.2	0.0																										
4/29/2016 15:59	0.1	20.7	0.2	13.5	0.1	0.2	0.2																										
4/29/2016 16:00	0.1	20.7	0.2	15.0	0.1	0.2	0.2																										
4/29/2016 16:01	0.1	20.7	0.2	14.0	0.1	0.2	0.1																										
4/29/2016 16:02	0.1	20.7	0.2	14.0	0.1	0.2	0.1																										
4/29/2016 16:03	0.1	20.7	0.1	13.0	0.1	0.2	0.1																										
4/29/2016 16:04	0.1	20.7	0.2	13.0	0.1	0.2	0.1																										
4/29/2016 16:05	0.1	20.7	0.3	19.5	0.1	0.2	0.1																										
4/29/2016 16:06	0.1	20.7	0.2	15.0	0.1	0.2	0.1																										
4/29/2016 16:07	0.1	20.7	0.2	16.5	0.1	0.2	0.1																										
4/29/2016 16:08	0.1	20.7	0.1	13.0	0.0	0.2	0.2																										
4/29/2016 16:09	0.1	20.7	0.1	11.5	0.1	0.2	0.1																										
4/29/2016 16:10	0.1	20.7	0.1	11.5	0.1	0.2	0.1																										
4/29/2016 16:11	0.1	20.7	0.1	13.0	0.1	0.2	0.7																										
4/29/2016 16:12	0.1	20.7	0.1	12.0	0.0	0.2	0.1																										
4/29/2016 16:13	0.1	20.7	0.1	11.0	0.1	0.2	0.1																										
4/29/2016 16:14	0.1	20.7	0.1	11.0	0.1	0.2	0.2																										
4/29/2016 16:15	0.1	20.7	0.1	11.0	0.1	0.2	0.3																										
4/29/2016 16:16	0.1	20.7	0.1	12.5	0.1	0.2	0.4																										
4/29/2016 16:17	0.1	20.7	0.1	12.0	0.1	0.2	1.0																										
4/29/2016 16:18	0.1	20.7	0.1	11.5	0.1	0.2	0.2																										
4/29/2016 16:19	0.1	20.7	0.1	12.0	0.1	0.2	0.8																										
4/29/2016 16:20	0.1	20.7	0.2	13.5	0.1	1.5	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	-0.1	4.8	0.0	1.3	1.2
4/29/2016 16:21	0.1	20.7	0.4	19.5	0.1	17.0	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.1	10.8	0.0	17.2	1.3
4/29/2016 16:22	0.2	20.6	1.3	103.5	0.1	29.1	0.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	95.6	0.0	29.7	0.6
4/29/2016 16:23	0.2	20.6	1.3	98.5	0.1	36.9	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	90.5	0.0	37.7	0.4
4/29/2016 16:24	0.2	20.6	1.0	86.0	0.1	30.3	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.7	77.9	0.0	30.9	0.4
4/29/2016 16:25	0.2	20.6	1.1	87.0	0.1	26.8	0.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.8	78.9	0.0	27.3	0.8
4/29/2016 16:26	0.2	20.6	0.9	75.5	0.1	29.7	2.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.6	67.3	0.1	30.2	2.7
4/29/2016 16:27	0.2	20.6	1.2	92.0	0.1	31.3	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.9	84.0	0.1	31.9	0.4
4/29/2016 16:28	0.2	20.6	0.9	76.5	0.1	23.7	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.6	68.3	0.1	24.1	0.4
4/29/2016 16:29	0.2	20.6	1.1	79.5	0.1	28.0	0.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.8	71.3	0.1	28.6	0.3
4/29/2016 16:30	0.2	20.6	1.3	81.0	0.1	44.2	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	72.9	0.1	45.1	0.4
4/29/2016 16:31	0.2	20.6	1.9	154.0	0.2	55.2	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	146.5	0.1	56.4	0.4
4/29/2016 16:32	0.2	20.6	1.5	149.5	0.2	39.1	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	141.9	0.1	40.0	0.4
4/29/2016 16:33	0.2	20.6	1.3	92.0	0.2	28.7	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	84.0	0.1	29.2	0.4
4/29/2016 16:34	0.2	20.6	1.6	92.5	0.2	46.3	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.3	84.5	0.1	47.3	0.4
4/29/2016 16:35	0.2	20.6	1.4	107.5	0.2	36.9	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.1	99.6	0.1	37.6	0.4
4/29/2016 16:36	0.2	20.6	1.6	108.5	0.2	47.7	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	100.6	0.1	48.7	0.4
4/29/2016 16:37	0.3	20.6	1.8	138.0	0.2	50.7	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.5	130.3	0.1	51.9	0.4
4/29/2016 16:38	0.2	20.6	1.7	133.0	0.2	49.8	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.4	125.3	0.1	50.9	0.4
4/29/2016 16:39	0.3	20.6	1.9	142.5	0.2	54.1	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.6	134.9	0.1	55.4	0.4
4/29/2016 16:40	0.3	20.6	1.9	140.5	0.2	54.4	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	132.9	0.1	55.7	0.4
4/29/2016 16:41	0.3	20.6	2.3	168.0	0.2	70.1	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.0	160.6	0.1	71.7	0.4

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Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/29/2016 16:42	0.3	20.6	2.3	173.5	0.2	55.1	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.0	166.1	0.2	56.3	0.4
4/29/2016 16:43	0.3	20.6	2.3	136.0	0.2	64.1	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.0	128.3	0.2	65.6	0.4
4/29/2016 16:44	0.3	20.5	2.5	181.5	0.2	63.8	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.3	174.2	0.2	65.3	0.4
4/29/2016 16:45	0.3	20.6	2.2	141.0	0.2	61.2	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.9	133.4	0.2	62.6	0.4
4/29/2016 16:46	0.2	20.6	1.5	114.0	0.2	34.8	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	106.1	0.2	35.5	0.4
4/29/2016 16:47	0.2	20.6	1.7	95.5	0.2	44.4	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.4	87.5	0.1	45.3	0.4
4/29/2016 16:48	0.3	20.6	2.2	124.5	0.2	58.7	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.0	116.7	0.2	60.1	0.4
4/29/2016 16:49	0.3	20.6	2.1	146.0	0.2	57.1	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.9	138.4	0.2	58.4	0.4
4/29/2016 16:50	0.3	20.6	1.6	120.5	0.2	34.6	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	112.7	0.1	35.3	0.4
4/29/2016 16:51	0.2	20.6	1.6	86.5	0.2	48.3	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	1.3	78.4	0.1	49.3	0.4
4/29/2016 16:52	0.2	20.6	2.2	121.0	0.2	53.1	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.9	113.2	0.1	54.3	0.4
4/29/2016 16:53	0.3	20.6	2.4	125.5	0.2	44.4	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.1	117.7	0.2	45.4	0.4
4/29/2016 16:54	0.2	20.7	1.0	76.0	0.2	23.6	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.7	67.8	0.1	24.0	0.4
4/29/2016 16:55	0.2	20.6	1.3	61.0	0.2	39.8	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	1.0	52.7	0.1	40.7	0.4
4/29/2016 16:56	0.3	20.6	2.2	119.5	0.2	48.0	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.0	111.7	0.1	49.0	0.4
4/29/2016 16:57	0.2	20.7	1.4	78.5	0.2	38.4	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	1.1	70.3	0.1	39.2	0.4
4/29/2016 16:58	0.2	20.6	1.6	97.0	0.2	37.8	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	1.3	89.0	0.1	38.6	0.4
4/29/2016 16:59	0.2	20.6	2.1	115.0	0.2	62.3	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.8	107.1	0.1	63.8	0.4
4/29/2016 17:00	0.3	20.6	1.8	135.5	0.2	51.3	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.5	127.8	0.1	52.4	0.4
4/29/2016 17:01	0.3	20.6	2.1	133.0	0.2	60.2	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.8	125.3	0.1	61.6	0.4
4/29/2016 17:02	0.3	20.6	2.4	161.5	0.2	67.6	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.2	154.0	0.2	69.2	0.4
4/29/2016 17:03	0.3	20.6	2.2	156.0	0.2	69.6	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.0	148.5	0.2	71.2	0.4
4/29/2016 17:04	0.3	20.6	1.8	143.5	0.2	54.6	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.5	135.9	0.2	55.8	0.4
4/29/2016 17:05	0.2	20.6	1.5	110.5	0.2	50.2	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	102.6	0.2	51.4	0.4
4/29/2016 17:06	0.2	20.6	1.5	110.5	0.2	49.8	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	102.6	0.2	50.9	0.4
4/29/2016 17:07	0.2	20.6	1.3	102.0	0.2	42.8	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	1.0	94.0	0.2	43.7	0.4
4/29/2016 17:08	0.2	20.6	1.3	94.5	0.2	47.9	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	1.0	86.5	0.2	49.0	0.4
4/29/2016 17:09	0.2	20.6	1.2	97.5	0.2	40.1	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.9	89.5	0.2	41.0	0.4
4/29/2016 17:10	0.2	20.6	1.4	106.0	0.2	56.4	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.1	98.1	0.2	57.7	0.4
4/29/2016 17:11	0.3	20.6	1.6	133.0	0.2	61.7	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	125.3	0.2	63.1	0.4
4/29/2016 17:12	0.3	20.6	1.5	139.0	0.2	57.6	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	131.4	0.2	58.9	1.0
4/29/2016 17:13	0.3	20.6	1.7	143.0	0.2	64.1	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.4	135.4	0.2	65.6	1.1
4/29/2016 17:14	0.3	20.6	1.8	153.5	0.2	67.6	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.5	146.0	0.2	69.2	1.2
4/29/2016 17:15	0.3	20.6	1.5	135.0	0.2	51.2	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	127.3	0.2	52.3	1.2
4/29/2016 17:16	0.2	20.6	1.3	100.0	0.2	44.9	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	1.0	92.0	0.2	45.9	1.2
4/29/2016 17:17	0.3	20.6	1.2	100.5	0.2	45.7	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.9	92.5	0.2	46.7	1.2
4/29/2016 17:18	0.3	20.6	1.2	103.0	0.2	46.5	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.9	95.0	0.2	47.6	1.2
4/29/2016 17:19	0.2	20.6	1.1	99.0	0.2	52.3	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.8	91.0	0.2	53.5	1.2
4/29/2016 17:20	0.3	20.7	1.0	95.0	0.2	40.9	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.7	87.0	0.1	41.8	1.2
4/29/2016 17:21	0.3	20.6	1.2	95.5	0.2	42.8	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.9	87.5	0.1	43.7	1.3
4/29/2016 17:22	0.2	20.7	0.8	76.5	0.2	41.6	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.5	68.3	0.1	42.5	1.3
4/29/2016 17:23	0.3	20.6	1.1	102.5	0.2	52.5	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.8	94.5	0.1	53.7	1.2
4/29/2016 17:24	0.3	20.6	1.1	120.5	0.2	47.0	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.8	112.7	0.1	48.1	1.3
4/29/2016 17:25	0.2	20.7	0.7	73.0	0.2	25.3	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.4	64.8	0.1	25.8	1.3
4/29/2016 17:26	0.2	20.7	0.7	60.5	0.2	35.9	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.4	52.2	0.1	36.6	1.2
4/29/2016 17:27	0.3	20.6	1.4	101.0	0.2	49.0	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.1	93.0	0.1	50.1	1.2
4/29/2016 17:28	0.3	20.6	1.3	103.0	0.2	34.3	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	1.0	95.0	0.1	35.0	1.3
4/29/2016 17:29	0.3	20.6	1.5	92.5	0.2	42.2	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	84.5	0.1	43.1	1.3
4/29/2016 17:30	0.3	20.6	2.1	114.0	0.2	40.9	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.9	106.1	0.1	41.8	1.3
4/29/2016 17:31	0.3	20.6	1.4	86.5	0.2	37.5	1.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	1.1	78.4	0.1	38.3	1.4
4/29/2016 17:32	0.3	20.6	1.5	98.5	0.2	50.5	1.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	90.5	0.1	51.7	1.4
4/29/2016 17:33	0.3	20.6	1.2	102.5	0.2	38.0	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.9	94.5	0.1	38.8	1.3
4/29/2016 17:34	0.3	20.6	1.4	87.5	0.2	48.4	1.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.1	79.4	0.1	49.5	1.4
4/29/2016 17:35	0.3	20.6	2.5	130.0	0.2	57.9	1.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.8	2.2	122.3	0.1	59.2	1.4
4/29/2016 17:36	0.3	20.6	2.3	131.0	0.2	58.8	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.8	2.1	123.3	0.1	60.2	1.6
4/29/2016 17:37	0.3	20.5	2.7	154.5	0.2	71.6	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.7	2.5	147.0	0.2	73.3	1.5
4/29/2016 17:38	0.4	20.5	3.3	185.5	0.2	81.7	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.7	3.1	178.2	0.2	83.7	1.6
4/29/2016 17:39	0.3	20.5	2.7	176.5	0.2	55.6	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.8	2.5	169.2	0.2	56.9	1.7
4/29/2016 17:40	0.3	20.6	2.9	153.0	0.3	58.4	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.6	145.5	0.2	59.7	1.6

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/29/2016 17:41	0.2	20.6	1.9	106.5	0.3	28.1	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.6	98.6	0.2	28.6	1.6
4/29/2016 17:42	0.2	20.6	1.4	62.0	0.2	27.9	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	1.1	53.7	0.2	28.4	1.5
4/29/2016 17:43	0.2	20.5	3.7	125.0	0.2	87.5	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	3.4	117.2	0.2	89.7	1.5
4/29/2016 17:44	0.3	20.5	3.0	218.0	0.3	83.2	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.7	211.0	0.2	85.2	1.7
4/29/2016 17:45	0.3	20.5	2.8	207.5	0.3	84.8	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.5	200.4	0.2	86.9	1.8
4/29/2016 17:46	0.2	20.6	1.4	141.5	0.2	45.1	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.1	133.9	0.2	46.1	1.9
4/29/2016 17:47	0.1	20.6	1.2	73.0	0.2	44.9	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.9	64.8	0.2	45.9	1.7
4/29/2016 17:48	0.2	20.6	1.7	114.5	0.2	52.2	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.4	106.6	0.2	53.4	1.6
4/29/2016 17:49	0.1	20.6	1.8	100.0	0.2	47.2	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.6	92.0	0.2	48.3	1.6
4/29/2016 17:50	0.1	20.6	1.4	86.5	0.2	33.3	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.1	78.4	0.2	33.9	1.6
4/29/2016 17:51	0.1	20.6	2.1	79.0	0.2	55.4	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.8	1.9	70.8	0.2	56.7	1.6
4/29/2016 17:52	0.2	20.5	3.2	155.0	0.2	78.1	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.7	2.9	147.5	0.2	80.0	1.6
4/29/2016 17:53	0.2	20.5	3.5	201.5	0.3	84.2	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	3.2	194.4	0.2	86.3	1.8
4/29/2016 17:54	0.3	20.5	3.7	232.0	0.3	91.3	1.8	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	3.5	225.1	0.2	93.6	1.9
4/29/2016 17:55	0.2	20.5	2.9	189.5	0.3	71.0	1.9	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.6	182.3	0.2	72.7	2.0
4/29/2016 17:56	0.2	20.6	2.7	140.5	0.3	79.7	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.4	132.9	0.2	81.7	1.8
4/29/2016 17:57	0.2	20.6	2.1	162.5	0.3	55.0	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.8	155.1	0.2	56.3	1.8
4/29/2016 17:58	0.2	20.5	2.5	138.0	0.3	64.9	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.3	130.3	0.2	66.4	1.9
4/29/2016 17:59	0.2	20.6	2.5	141.5	0.3	80.0	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.2	133.9	0.2	82.0	1.8
4/29/2016 18:00	0.2	20.5	2.9	188.0	0.3	89.0	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.7	180.8	0.2	91.2	1.8
4/29/2016 18:01	0.2	20.5	2.6	200.5	0.3	86.9	1.8	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.3	193.4	0.2	89.0	1.9
4/29/2016 18:02	0.2	20.5	2.5	179.5	0.3	87.2	1.8	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.3	172.2	0.2	89.4	1.9
4/29/2016 18:03	0.2	20.6	1.7	161.0	0.3	62.3	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.4	153.5	0.2	63.8	1.9
4/29/2016 18:04	0.2	20.6	1.8	144.5	0.3	77.0	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.5	136.9	0.3	78.8	1.8
4/29/2016 18:05	0.2	20.6	2.0	181.0	0.3	83.0	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.8	173.7	0.2	85.0	1.8
4/29/2016 18:06	0.2	20.6	1.8	148.5	0.3	59.9	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.6	140.9	0.2	61.3	1.9
4/29/2016 18:07	0.2	20.6	1.6	120.5	0.3	61.6	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.3	112.7	0.2	63.1	1.8
4/29/2016 18:08	0.2	20.6	1.6	127.5	0.3	51.8	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.3	119.8	0.2	53.0	1.8
4/29/2016 18:09	0.1	20.6	1.4	87.0	0.3	63.2	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.1	78.9	0.2	64.7	1.9
4/29/2016 18:10	0.2	20.6	1.8	156.5	0.3	64.8	2.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.5	149.0	0.2	66.3	2.4
4/29/2016 18:11	0.1	20.6	1.3	102.5	0.2	44.2	1.8	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	1.0	94.5	0.2	45.2	2.0
4/29/2016 18:12	0.1	20.6	1.3	78.5	0.2	50.1	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	1.0	70.3	0.2	51.2	1.8
4/29/2016 18:13	0.1	20.6	1.8	116.0	0.2	67.8	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.5	108.2	0.2	69.4	1.7
4/29/2016 18:14	0.2	20.6	1.5	143.5	0.2	61.9	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.2	135.9	0.2	63.4	1.8
4/29/2016 18:15	0.1	20.6	1.4	108.5	0.2	47.0	1.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.1	100.6	0.2	48.0	1.8
4/29/2016 18:16	0.1	20.6	1.2	95.5	0.2	41.4	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.8	0.9	87.5	0.2	42.3	1.8
4/29/2016 18:17	0.1	20.6	1.1	65.0	0.2	40.7	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.8	56.7	0.2	41.6	1.7
4/29/2016 18:18	0.1	20.6	0.9	78.0	0.2	32.6	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.6	69.8	0.1	33.3	1.6
4/29/2016 18:19	0.1	20.7	0.8	63.5	0.2	28.9	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.5	55.2	0.2	29.4	1.6
4/29/2016 18:20	0.1	20.6	1.0	68.0	0.2	42.6	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.7	59.8	0.1	43.5	1.6
4/29/2016 18:21	0.1	20.6	1.2	110.5	0.2	46.1	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.9	102.6	0.1	47.1	1.6
4/29/2016 18:22	0.1	20.7	0.6	51.5	0.2	23.1	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.3	43.1	0.1	23.5	1.8
4/29/2016 18:23	0.1	20.7	0.7	43.0	0.2	26.5	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.4	34.5	0.1	27.0	1.5
4/29/2016 18:24	0.1	20.6	0.7	57.0	0.2	30.5	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.4	48.7	0.1	31.1	1.5
4/29/2016 18:25	0.1	20.7	0.6	53.0	0.1	19.9	1.9	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.3	44.6	0.1	20.2	2.0
4/29/2016 18:26	0.1	20.7	0.5	36.0	0.1	21.0	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.2	27.5	0.1	21.4	1.5
4/29/2016 18:27	0.1	20.7	0.7	56.5	0.1	26.6	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.4	48.2	0.1	27.1	1.5
4/29/2016 18:28	0.1	20.7	0.6	52.0	0.1	26.9	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.3	43.6	0.1	27.4	1.5
4/29/2016 18:29	0.1	20.7	0.5	47.5	0.1	16.9	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.2	39.1	0.1	17.2	1.5
4/29/2016 18:30	0.1	20.7	0.7	60.5	0.1	43.6	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.4	52.2	0.1	44.6	1.5
4/29/2016 18:31	0.1	20.6	1.0	122.5	0.1	56.8	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.7	114.7	0.1	58.1	1.5
4/29/2016 18:32	0.1	20.6	1.0	136.0	0.1	52.9	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.7	128.3	0.1	54.1	1.6
4/29/2016 18:33	0.1	20.6	0.9	112.0	0.1	41.5	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.8	0.6	104.1	0.1	42.4	1.6
4/29/2016 18:34	0.1	20.6	0.9	103.5	0.1	44.6	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.8	0.6	95.6	0.1	45.5	1.6
4/29/2016 18:35	0.1	20.6	0.7	81.0	0.1	35.7	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.4	72.9	0.1	36.5	1.6
4/29/2016 18:36	0.1	20.6	0.8	96.0	0.1	39.3	1.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.5	88.0	0.1	40.2	1.4
4/29/2016 18:37	0.1	20.6	0.9	99.5	0.1	59.0	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.8	0.6	91.5	0.1	60.4	1.5
4/29/2016 18:38	0.2	20.5	1.5	207.0	0.2	84.4	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.2	199.9	0.1	86.5	1.5
4/29/2016 18:39	0.2	20.6	1.3	184.0	0.2	49.5	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	176.7	0.1	50.6	1.7

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/29/2016 18:40	0.1	20.6	1.3	106.5	0.2	65.5	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	98.6	0.1	67.0	1.6
4/29/2016 18:41	0.2	20.5	1.6	184.5	0.2	73.3	1.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.3	177.2	0.2	75.1	1.4
4/29/2016 18:42	0.2	20.6	1.3	151.5	0.2	49.4	1.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	144.0	0.2	50.5	1.6
4/29/2016 18:43	0.2	20.6	1.4	125.0	0.2	58.7	1.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.1	117.2	0.2	60.1	1.7
4/29/2016 18:44	0.2	20.6	0.8	97.5	0.2	25.3	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	89.5	0.2	25.8	1.5
4/29/2016 18:45	0.2	20.6	0.8	51.5	0.2	32.2	1.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	43.1	0.1	32.8	1.4
4/29/2016 18:46	0.2	20.6	0.8	80.5	0.2	37.0	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	72.4	0.1	37.8	1.3
4/29/2016 18:47	0.2	20.6	0.8	85.5	0.2	38.2	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	77.4	0.1	39.0	1.5
4/29/2016 18:48	0.2	20.6	0.7	87.5	0.2	30.5	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.4	79.4	0.1	31.1	1.2
4/29/2016 18:49	0.2	20.7	0.5	47.5	0.2	20.8	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	39.1	0.1	21.1	1.2
4/29/2016 18:50	0.2	20.7	0.5	38.0	0.2	28.7	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	29.5	0.1	29.3	1.2
4/29/2016 18:51	0.2	20.6	0.8	99.0	0.2	50.8	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.5	91.0	0.1	52.0	1.3
4/29/2016 18:52	0.2	20.7	0.6	71.0	0.2	29.9	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.3	62.8	0.1	30.5	1.3
4/29/2016 18:53	0.2	20.6	0.6	67.5	0.2	30.1	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.3	59.2	0.1	30.7	1.2
4/29/2016 18:54	0.2	20.6	0.6	66.0	0.1	34.6	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.3	57.7	0.1	35.3	1.2
4/29/2016 18:55	0.2	20.7	0.5	68.5	0.1	14.7	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.2	60.3	0.1	14.9	1.1
4/29/2016 18:56	0.2	20.7	0.4	23.0	0.1	13.4	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.1	14.4	0.1	13.5	1.2
4/29/2016 18:57	0.2	20.7	0.5	40.5	0.1	24.3	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.2	32.0	0.1	24.7	1.0
4/29/2016 18:58	0.2	20.7	0.4	38.0	0.1	15.4	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.1	29.5	0.1	15.6	1.0
4/29/2016 18:59	0.2	20.7	0.5	46.0	0.1	23.5	0.9	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.2	37.6	0.0	23.9	1.0
4/29/2016 19:00	0.2	20.7	0.3	38.5	0.1	11.3	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.0	30.0	0.1	11.3	1.0
4/29/2016 19:01	0.2	20.7	0.3	23.0	0.1	16.8	0.9	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.0	14.4	0.1	17.0	1.0
4/29/2016 19:02	0.2	20.7	0.4	45.0	0.1	16.7	0.9	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.1	36.6	0.1	16.9	1.0
4/29/2016 19:03	0.2	20.7	0.4	43.0	0.1	16.0	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.1	34.5	0.1	16.2	1.0
4/29/2016 19:04	0.2	20.7	0.3	31.0	0.1	10.7	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.0	22.4	0.1	10.8	1.3
4/29/2016 19:05	0.2	20.7	0.3	19.5	0.1	10.1	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.0	10.8	0.0	10.1	1.2
4/29/2016 19:06	0.2	20.6	0.7	45.5	0.1	38.8	0.8	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.4	37.1	0.1	39.6	0.9
4/29/2016 19:07	0.3	20.6	1.3	108.5	0.1	59.9	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.0	100.6	0.1	61.3	1.5
4/29/2016 19:08	0.3	20.6	0.8	97.5	0.1	32.2	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.5	89.5	0.1	32.8	1.2
4/29/2016 19:09	0.3	20.6	1.0	73.0	0.1	47.4	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.7	64.8	0.1	48.4	1.2
4/29/2016 19:10	0.3	20.6	1.2	122.0	0.2	65.3	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.9	114.2	0.1	66.8	1.1
4/29/2016 19:11	0.3	20.6	1.0	114.0	0.2	37.1	1.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.7	106.1	0.1	37.9	1.3
4/29/2016 19:12	0.3	20.6	0.9	86.5	0.2	44.2	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.6	78.4	0.1	45.2	1.5
4/29/2016 19:13	0.3	20.6	1.1	109.5	0.2	57.2	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.8	101.6	0.1	58.5	1.0
4/29/2016 19:14	0.3	20.6	1.0	116.0	0.2	56.7	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.7	108.2	0.1	58.0	1.0
4/29/2016 19:15	0.3	20.6	1.1	129.0	0.2	68.5	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.8	121.3	0.2	70.1	1.2
4/29/2016 19:16	0.3	20.6	1.0	131.5	0.2	58.8	1.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.7	123.8	0.2	60.1	1.2
4/29/2016 19:17	0.3	20.6	1.0	118.0	0.2	50.8	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.7	110.2	0.2	52.0	1.1
4/29/2016 19:18	0.3	20.6	0.8	81.5	0.2	48.9	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.5	73.4	0.2	50.0	1.1
4/29/2016 19:19	0.3	20.6	0.9	109.5	0.2	59.4	0.9	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.6	101.6	0.2	60.8	1.0
4/29/2016 19:20	0.3	20.6	0.9	97.5	0.2	49.5	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.6	89.5	0.2	50.6	1.1
4/29/2016 19:21	0.3	20.6	0.8	81.5	0.2	39.7	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.5	73.4	0.2	40.6	1.0
4/29/2016 19:22	0.3	20.6	0.7	71.5	0.2	43.2	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.4	63.3	0.2	44.2	1.0
4/29/2016 19:23	0.3	20.7	0.6	59.5	0.2	24.7	0.9	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.3	51.2	0.2	25.1	1.0
4/29/2016 19:24	0.2	20.7	0.5	32.0	0.2	19.5	0.9	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.2	23.4	0.1	19.8	1.0
4/29/2016 19:25	0.2	20.6	0.8	63.5	0.2	65.8	0.8	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.5	55.2	0.1	67.4	0.9
4/29/2016 19:26	0.3	20.6	1.0	114.5	0.2	52.5	0.9	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.7	106.6	0.2	53.7	0.9
4/29/2016 19:27	0.2	20.6	1.0	89.5	0.2	44.7	1.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.7	81.4	0.2	45.7	1.0
4/29/2016 19:28	0.2	20.6	0.8	78.0	0.2	41.4	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	69.8	0.1	42.3	1.5
4/29/2016 19:29	0.2	20.6	1.0	97.0	0.2	50.6	1.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.7	89.0	0.1	51.8	1.5
4/29/2016 19:30	0.2	20.6	0.8	79.0	0.2	40.5	0.8	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	70.8	0.1	41.4	0.9
4/29/2016 19:31	0.2	20.6	0.7	71.0	0.2	33.9	0.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.4	62.8	0.2	34.6	0.8
4/29/2016 19:32	0.1	20.6	0.5	43.5	0.2	31.6	0.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	35.0	0.1	32.2	0.7
4/29/2016 19:33	0.2	20.6	0.9	82.0	0.2	59.9	0.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	73.9	0.1	61.3	0.7
4/29/2016 19:34	0.2	20.6	1.0	116.0	0.2	50.1	0.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.7	108.2	0.2	51.2	0.8
4/29/2016 19:35	0.2	20.6	0.9	99.5	0.2	52.5	0.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	91.5	0.2	53.7	0.8
4/29/2016 19:36	0.1	20.6	0.8	86.5	0.2	43.3	0.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	78.4	0.1	44.2	0.8
4/29/2016 19:37	0.1	20.6	0.8	86.5	0.2	49.5	0.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	78.4	0.1	50.6	0.7
4/29/2016 19:38	0.1	20.6	0.8	89.5	0.2	50.1	0.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	81.4	0.2	51.2	0.7

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/29/2016 19:39	0.1	20.6	0.9	110.0	0.2	55.7	0.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	102.1	0.1	56.9	0.6
4/29/2016 19:40	0.1	20.6	0.7	75.5	0.2	34.4	0.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.4	67.3	0.1	35.1	0.8
4/29/2016 19:41	0.1	20.6	0.9	65.5	0.2	69.0	0.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.8	0.6	57.2	0.1	70.7	0.6
4/29/2016 19:42	0.2	20.6	1.0	153.5	0.2	74.5	0.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.7	146.0	0.2	76.3	0.5
4/29/2016 19:43	0.2	20.6	1.1	165.0	0.2	87.6	0.8	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.8	157.6	0.2	89.7	0.8
4/29/2016 19:44	0.2	20.6	0.9	149.0	0.2	48.9	0.8	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	141.4	0.2	50.0	0.8
4/29/2016 19:45	0.1	20.6	0.9	105.5	0.2	55.7	0.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	97.6	0.2	56.9	0.7
4/29/2016 19:46	0.2	20.6	0.9	121.5	0.2	55.6	0.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	113.7	0.2	56.8	0.6
4/29/2016 19:47	0.1	20.6	0.8	109.5	0.2	35.6	0.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	101.6	0.2	36.4	0.7
4/29/2016 19:48	0.1	20.6	0.7	57.0	0.2	29.1	0.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.4	48.7	0.2	29.7	0.5
4/29/2016 19:49	0.1	20.6	0.9	113.0	0.2	68.3	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	105.1	0.2	69.9	0.4
4/29/2016 19:50	0.2	20.6	1.0	182.0	0.2	66.6	0.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.7	174.7	0.2	68.2	0.6
4/29/2016 19:51	0.2	20.6	1.0	135.5	0.2	57.5	0.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.7	127.8	0.2	58.8	0.8
4/29/2016 19:52	0.2	20.6	0.9	131.5	0.2	52.3	0.6	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	123.8	0.2	53.5	0.7
4/29/2016 19:53	0.2	20.6	0.9	123.5	0.2	51.7	0.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	115.7	0.2	52.8	0.5
4/29/2016 19:54	0.1	20.6	0.9	118.0	0.2	44.1	0.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	110.2	0.2	45.1	0.5
4/29/2016 19:55	0.1	20.6	0.8	109.5	0.2	42.4	0.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	101.6	0.2	43.3	0.5
4/29/2016 19:56	0.1	20.6	0.8	95.0	0.2	37.9	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	87.0	0.1	38.7	0.4
4/29/2016 19:57	0.1	20.6	0.8	91.0	0.2	44.3	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	82.9	0.1	45.3	0.4
4/29/2016 19:58	0.1	20.6	0.8	112.5	0.2	51.0	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	104.6	0.1	52.1	0.4
4/29/2016 19:59	0.2	20.6	0.9	139.0	0.2	63.7	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	131.4	0.1	65.2	0.4
4/29/2016 20:00	0.2	20.6	1.0	158.5	0.2	58.2	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.7	151.0	0.2	59.6	0.4
4/29/2016 20:01	0.2	20.6	0.9	124.5	0.2	46.7	0.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	116.7	0.1	47.7	0.5
4/29/2016 20:02	0.1	20.6	0.8	105.5	0.2	48.5	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	97.6	0.1	49.6	0.4
4/29/2016 20:03	0.2	20.6	0.9	118.5	0.2	52.4	0.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	110.7	0.1	53.6	0.3
4/29/2016 20:04	0.2	20.6	0.8	121.0	0.2	40.0	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	113.2	0.1	40.9	0.4
4/29/2016 20:05	0.1	20.6	0.7	78.0	0.2	39.9	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.4	69.8	0.1	40.7	0.4
4/29/2016 20:06	0.2	20.6	0.9	107.5	0.2	45.2	0.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	99.6	0.1	46.2	0.2
4/29/2016 20:07	0.2	20.6	0.8	91.0	0.2	49.1	0.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	82.9	0.1	50.2	0.3
4/29/2016 20:08	0.2	20.6	0.8	97.5	0.2	40.7	0.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	89.5	0.1	41.5	0.3
4/29/2016 20:09	0.2	20.6	0.7	82.5	0.2	42.0	0.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.4	74.4	0.1	42.9	0.3
4/29/2016 20:10	0.2	20.6	0.8	90.5	0.2	42.4	0.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	82.4	0.1	43.3	0.2
4/29/2016 20:11	0.2	20.6	0.9	104.0	0.2	59.9	0.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	96.1	0.1	61.3	0.3
4/29/2016 20:12	0.2	20.6	0.8	101.0	0.2	39.5	0.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	93.0	0.1	40.4	0.3
4/29/2016 20:13	0.2	20.6	0.7	63.5	0.2	26.0	0.2	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.4	55.2	0.1	26.5	0.2
4/29/2016 20:14	0.1	20.6	0.9	41.5	0.2	27.9	0.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.6	33.0	0.1	28.4	0.1
4/29/2016 20:15	0.2	20.6	2.1	68.0	0.2	30.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.8	59.8	0.1	30.9	0.0
4/29/2016 20:16	0.2	20.6	1.3	44.5	0.2	17.8	0.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	36.1	0.1	18.1	0.1
4/29/2016 20:17	0.1	20.7	0.6	19.5	0.2	11.1	0.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	10.8	0.1	11.2	0.1
4/29/2016 20:18	0.1	20.7	0.8	24.0	0.1	17.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.5	15.4	0.1	17.2	0.0
4/29/2016 20:19	0.1	20.7	0.7	23.5	0.1	9.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.4	14.9	0.1	10.0	0.0
4/29/2016 20:20	0.1	20.7	0.6	17.5	0.1	12.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.3	8.8	0.1	12.7	0.0
4/29/2016 20:21	0.1	20.7	0.5	20.5	0.1	12.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.2	11.8	0.1	12.3	0.0
4/29/2016 20:22	0.1	20.7	0.5	22.0	0.1	11.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.2	13.4	0.1	11.9	0.0
4/29/2016 20:23	0.1	20.7	0.4	17.5	0.1	8.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.1	8.8	0.0	8.8	0.0
4/29/2016 20:24	0.1	20.7	0.5	19.5	0.1	21.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.2	10.8	0.0	21.9	0.0
4/29/2016 20:25	0.2	20.6	1.4	92.5	0.1	58.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.1	84.5	0.1	60.0	0.0
4/29/2016 20:26	0.2	20.6	1.3	88.0	0.1	29.9	0.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	79.9	0.1	30.5	0.1
4/29/2016 20:27	0.1	20.6	1.1	48.5	0.1	25.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.8	40.1	0.1	25.7	0.0
4/29/2016 20:28	0.2	20.6	1.5	64.0	0.1	31.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.2	55.7	0.1	31.7	0.0
4/29/2016 20:29	0.2	20.6	1.6	67.0	0.2	28.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.3	58.7	0.1	28.7	0.0
4/29/2016 20:30	0.1	20.7	0.8	33.5	0.1	16.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	25.0	0.1	16.3	0.0
4/29/2016 20:31	0.2	20.6	1.5	53.5	0.1	33.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.2	45.1	0.1	33.7	0.0
4/29/2016 20:32	0.2	20.6	1.6	88.0	0.2	49.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.3	79.9	0.1	50.1	0.0
4/29/2016 20:33	0.2	20.6	1.1	92.0	0.2	38.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.8	84.0	0.1	39.6	0.0
4/29/2016 20:34	0.1	20.7	0.7	42.5	0.1	13.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.4	34.0	0.1	13.4	0.0
4/29/2016 20:35	0.1	20.7	0.6	20.5	0.1	15.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.3	11.8	0.1	15.9	0.0
4/29/2016 20:36	0.2	20.6	0.7	50.5	0.1	26.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.4	42.1	0.1	27.3	0.0
4/29/2016 20:37	0.2	20.6	0.8	66.5	0.1	49.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	58.2	0.1	50.7	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/29/2016 20:38	0.2	20.6	1.1	149.5	0.2	76.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.8	141.9	0.1	78.3	0.0
4/29/2016 20:39	0.2	20.6	1.1	154.0	0.2	58.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.8	146.5	0.1	59.5	0.0
4/29/2016 20:40	0.2	20.6	0.9	115.5	0.2	37.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	107.7	0.1	38.6	0.0
4/29/2016 20:41	0.2	20.7	0.7	45.5	0.1	17.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.4	37.1	0.1	17.4	0.0
4/29/2016 20:42	0.2	20.7	0.6	30.5	0.2	14.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	21.9	0.1	15.1	0.0
4/29/2016 20:43	0.2	20.7	0.5	25.0	0.1	10.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	16.4	0.1	10.6	0.0
4/29/2016 20:44	0.1	20.7	0.4	15.0	0.1	7.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.1	6.3	0.1	7.4	0.0
4/29/2016 20:45	0.1	20.7	0.4	14.5	0.1	9.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.1	5.8	0.1	9.0	0.0
4/29/2016 20:46	0.2	20.7	0.5	34.0	0.1	19.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	25.5	0.1	19.4	0.0
4/29/2016 20:47	0.2	20.7	0.4	35.0	0.1	10.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.1	26.5	0.1	10.7	0.0
4/29/2016 20:48	0.2	20.7	0.4	20.5	0.1	14.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.1	11.8	0.0	14.1	0.0
4/29/2016 20:49	0.2	20.6	0.5	45.5	0.1	19.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	37.1	0.0	19.8	0.0
4/29/2016 20:50	0.2	20.6	0.5	58.5	0.1	22.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	50.2	0.0	22.3	0.0
4/29/2016 20:51	0.2	20.6	0.6	49.5	0.1	33.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	41.1	0.1	33.6	0.0
4/29/2016 20:52	0.2	20.6	0.7	96.0	0.1	30.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.4	88.0	0.1	30.9	0.0
4/29/2016 20:53	0.2	20.7	0.6	39.0	0.1	14.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	30.5	0.1	14.3	0.0
4/29/2016 20:54	0.2	20.6	0.5	46.5	0.1	19.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	38.1	0.0	19.5	0.0
4/29/2016 20:55	0.2	20.6	0.5	42.5	0.1	22.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	34.0	0.1	22.3	0.0
4/29/2016 20:56	0.2	20.7	0.5	44.5	0.1	15.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	36.1	0.0	15.5	0.0
4/29/2016 20:57	0.2	20.6	0.6	52.5	0.1	25.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	44.1	0.1	25.5	0.0
4/29/2016 20:58	0.2	20.6	0.6	49.0	0.1	33.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	40.6	0.1	34.5	0.0
4/29/2016 20:59	0.2	20.6	0.8	82.0	0.1	37.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	73.9	0.1	38.7	0.0
4/29/2016 21:00	0.2	20.6	1.0	85.5	0.1	41.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.7	77.4	0.1	42.6	0.0
4/29/2016 21:01	0.2	20.6	0.6	42.5	0.1	23.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	34.0	0.0	24.3	0.0
4/29/2016 21:02	0.2	20.6	1.1	68.0	0.1	35.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.8	59.8	0.1	36.7	0.0
4/29/2016 21:03	0.2	20.6	1.2	83.0	0.1	59.1	0.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.9	74.9	0.1	60.4	0.3
4/29/2016 21:04	0.2	20.6	1.8	115.5	0.2	60.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.6	107.7	0.1	61.5	0.0
4/29/2016 21:05	0.2	20.6	1.9	125.0	0.1	60.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	117.2	0.1	61.9	0.0
4/29/2016 21:06	0.2	20.6	2.0	116.5	0.2	68.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	108.7	0.1	70.4	0.0
4/29/2016 21:07	0.2	20.6	1.9	137.5	0.2	63.5	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	129.8	0.1	65.0	0.4
4/29/2016 21:08	0.2	20.6	1.3	81.5	0.2	39.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	73.4	0.1	40.4	0.0
4/29/2016 21:09	0.2	20.6	1.9	108.0	0.2	58.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.6	100.1	0.1	59.5	0.0
4/29/2016 21:10	0.2	20.6	1.2	70.0	0.2	37.3	0.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.9	61.8	0.1	38.1	0.3
4/29/2016 21:11	0.2	20.6	1.2	78.0	0.2	50.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.9	69.8	0.1	51.1	0.0
4/29/2016 21:12	0.2	20.6	0.9	70.5	0.2	20.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.6	62.3	0.1	20.8	0.0
4/29/2016 21:13	0.2	20.7	0.8	29.5	0.2	21.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	20.9	0.1	21.3	0.0
4/29/2016 21:14	0.2	20.6	0.7	40.5	0.1	19.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.4	32.0	0.1	20.1	0.0
4/29/2016 21:15	0.2	20.6	0.7	45.5	0.2	26.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.4	37.1	0.1	27.2	0.0
4/29/2016 21:16	0.2	20.6	0.7	53.5	0.2	33.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.4	45.1	0.1	34.3	0.0
4/29/2016 21:17	0.2	20.6	0.7	77.0	0.2	34.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.4	68.8	0.1	35.0	0.0
4/29/2016 21:18	0.2	20.6	0.8	80.5	0.1	49.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	72.4	0.1	50.9	0.0
4/29/2016 21:19	0.2	20.6	0.8	95.0	0.2	34.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	87.0	0.1	35.5	0.0
4/29/2016 21:20	0.2	20.6	0.6	56.0	0.1	22.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	47.6	0.1	23.2	0.0
4/29/2016 21:21	0.1	20.7	0.4	26.5	0.1	12.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.1	17.9	0.1	12.3	0.0
4/29/2016 21:22	0.1	20.6	0.6	48.5	0.1	32.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	40.1	0.1	33.6	0.0
4/29/2016 21:23	0.1	20.7	0.5	53.0	0.2	18.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	44.6	0.1	18.4	0.0
4/29/2016 21:24	0.1	20.7	0.5	25.5	0.2	12.9	0.1	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.2	16.9	0.1	13.0	0.1
4/29/2016 21:25	0.1	20.7	0.4	26.5	0.1	14.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.1	17.9	0.1	14.9	0.0
4/29/2016 21:26	0.1	20.7	0.4	24.5	0.1	9.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.1	15.9	0.1	9.4	0.0
4/29/2016 21:27	0.1	20.7	0.4	23.5	0.1	18.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.1	14.9	0.1	18.3	0.0
4/29/2016 21:28	0.1	20.6	0.5	52.0	0.1	36.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.2	43.6	0.1	37.4	0.0
4/29/2016 21:29	0.1	20.6	0.6	80.0	0.1	36.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	71.9	0.1	37.7	0.0
4/29/2016 21:30	0.1	20.7	0.5	50.0	0.1	28.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.2	41.6	0.1	29.4	0.0
4/29/2016 21:31	0.1	20.6	0.8	78.0	0.1	37.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.5	69.8	0.1	38.7	0.0
4/29/2016 21:32	0.1	20.6	0.9	91.0	0.1	68.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.6	82.9	0.1	70.2	0.0
4/29/2016 21:33	0.2	20.6	1.2	141.0	0.2	83.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.9	133.4	0.1	85.2	0.0
4/29/2016 21:34	0.2	20.6	1.1	117.5	0.2	47.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.8	109.7	0.1	48.5	0.0
4/29/2016 21:35	0.2	20.6	1.2	75.5	0.2	62.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.9	67.3	0.1	63.4	0.0
4/29/2016 21:36	0.2	20.6	1.4	112.0	0.2	65.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.1	104.1	0.2	67.4	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/29/2016 21:37	0.2	20.6	1.2	97.0	0.2	41.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.9	89.0	0.2	42.4	0.0
4/29/2016 21:38	0.1	20.6	0.8	41.0	0.2	25.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	32.5	0.2	25.6	0.0
4/29/2016 21:39	0.1	20.7	0.6	25.0	0.2	15.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.3	16.4	0.2	15.5	0.0
4/29/2016 21:40	0.1	20.7	0.6	23.0	0.2	16.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.3	14.4	0.1	16.6	0.0
4/29/2016 21:41	0.1	20.7	0.8	26.0	0.2	14.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.0	20.9	0.5	17.4	0.1	14.7	0.0
4/29/2016 21:42	0.1	20.6	1.0	32.0	0.2	17.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.7	23.4	0.1	17.7	0.0
4/29/2016 21:43	0.1	20.6	1.0	37.0	0.2	14.5	0.7	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.7	28.5	0.1	14.6	0.8
4/29/2016 21:44	0.1	20.6	1.0	26.0	0.1	12.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.7	17.4	0.1	12.2	0.0
4/29/2016 21:45	0.2	20.6	1.7	35.0	0.1	17.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.4	26.5	0.1	18.0	0.0
4/29/2016 21:46	0.2	20.6	3.3	70.5	0.2	45.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	3.0	62.3	0.1	46.3	0.0
4/29/2016 21:47	0.2	20.5	2.3	100.0	0.2	42.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.0	92.0	0.1	43.4	0.0
4/29/2016 21:48	0.2	20.6	1.9	90.5	0.2	35.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.7	82.4	0.1	35.8	0.0
4/29/2016 21:49	0.2	20.6	1.5	66.5	0.1	29.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.2	58.2	0.1	30.2	0.0
4/29/2016 21:50	0.1	20.6	1.3	47.5	0.1	31.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	39.1	0.1	31.8	0.0
4/29/2016 21:51	0.2	20.6	1.5	72.0	0.2	33.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.2	63.8	0.1	34.0	0.0
4/29/2016 21:52	0.2	20.6	1.1	58.0	0.1	26.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.8	49.7	0.1	26.7	0.0
4/29/2016 21:53	0.2	20.6	2.0	86.5	0.2	56.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.8	78.4	0.1	58.1	0.0
4/29/2016 21:54	0.2	20.6	1.7	102.0	0.2	38.7	0.4	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.4	94.0	0.1	39.5	0.4
4/29/2016 21:55	0.2	20.6	1.7	71.0	0.2	52.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.4	62.8	0.1	53.5	0.0
4/29/2016 21:56	0.2	20.5	2.2	120.5	0.2	66.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.0	112.7	0.2	68.5	0.0
4/29/2016 21:57	0.2	20.5	2.5	139.0	0.2	74.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.3	131.4	0.2	75.9	0.0
4/29/2016 21:58	0.2	20.5	2.4	122.0	0.2	62.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.2	114.2	0.2	64.3	0.0
4/29/2016 21:59	0.2	20.5	2.8	112.0	0.3	59.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.5	104.1	0.2	61.2	0.0
4/29/2016 22:00	0.2	20.5	3.0	131.0	0.3	67.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.7	123.3	0.2	68.9	0.0
4/29/2016 22:01	0.2	20.5	2.9	130.5	0.3	65.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.6	122.8	0.2	66.8	0.0
4/29/2016 22:02	0.2	20.5	2.5	112.5	0.3	51.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.3	104.6	0.2	52.7	0.0
4/29/2016 22:03	0.2	20.6	2.4	98.5	0.3	56.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.1	90.5	0.2	58.2	0.0
4/29/2016 22:04	0.2	20.5	2.9	139.0	0.3	76.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.6	131.4	0.2	78.5	0.0
4/29/2016 22:05	0.2	20.5	2.9	139.5	0.3	71.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.6	131.9	0.2	73.3	0.0
4/29/2016 22:06	0.2	20.5	2.8	126.5	0.3	64.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.6	118.7	0.2	66.4	0.0
4/29/2016 22:07	0.2	20.5	3.0	124.0	0.3	66.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.8	116.2	0.2	68.1	0.0
4/29/2016 22:08	0.2	20.5	2.9	118.5	0.3	65.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.7	2.6	110.7	0.3	67.4	0.0
4/29/2016 22:09	0.2	20.5	3.0	134.0	0.3	76.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.7	126.3	0.3	78.8	0.0
4/29/2016 22:10	0.2	20.5	3.1	134.5	0.3	68.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.9	126.8	0.3	70.1	0.0
4/29/2016 22:11	0.2	20.5	2.8	121.5	0.3	60.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.7	2.6	113.7	0.3	62.2	0.0
4/29/2016 22:12	0.2	20.6	2.1	100.5	0.3	52.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.9	92.5	0.3	53.4	0.0
4/29/2016 22:13	0.2	20.6	2.2	104.0	0.3	59.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.0	96.1	0.3	61.1	0.0
4/29/2016 22:14	0.2	20.6	2.2	102.5	0.3	57.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.9	94.5	0.3	59.3	0.0
4/29/2016 22:15	0.2	20.6	2.3	120.0	0.3	74.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.1	112.2	0.3	76.6	0.0
4/29/2016 22:16	0.2	20.5	2.3	142.5	0.3	85.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.7	2.1	134.9	0.3	87.4	0.0
4/29/2016 22:17	0.2	20.5	2.3	132.5	0.3	70.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.0	124.8	0.3	72.1	0.0
4/29/2016 22:18	0.2	20.6	2.2	108.0	0.3	65.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.9	100.1	0.3	66.7	0.0
4/29/2016 22:19	0.2	20.5	2.4	111.0	0.3	69.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.2	103.1	0.3	71.4	0.0
4/29/2016 22:20	0.2	20.5	2.3	117.5	0.3	69.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.0	109.7	0.3	71.2	0.0
4/29/2016 22:21	0.2	20.5	2.4	111.5	0.3	68.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.1	103.6	0.3	70.6	0.0
4/29/2016 22:22	0.2	20.5	2.3	119.5	0.3	71.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.0	111.7	0.3	73.6	0.0
4/29/2016 22:23	0.2	20.6	2.1	120.0	0.3	73.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.9	112.2	0.3	74.9	0.0
4/29/2016 22:24	0.2	20.5	2.3	132.5	0.3	81.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.7	2.1	124.8	0.3	83.5	0.0
4/29/2016 22:25	0.2	20.5	2.2	127.5	0.3	67.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.7	1.9	119.8	0.3	69.2	0.0
4/29/2016 22:26	0.2	20.5	2.6	113.5	0.3	69.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.7	2.4	105.6	0.3	71.0	0.0
4/29/2016 22:27	0.2	20.5	2.2	121.5	0.3	72.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.7	1.9	113.7	0.3	73.7	0.0
4/29/2016 22:28	0.2	20.5	2.3	118.0	0.3	64.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.1	110.2	0.3	65.7	0.0
4/29/2016 22:29	0.2	20.5	2.3	114.5	0.3	66.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.1	106.6	0.3	68.5	0.0
4/29/2016 22:30	0.2	20.5	2.3	116.0	0.3	64.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.1	108.2	0.3	65.8	0.0
4/29/2016 22:31	0.2	20.5	2.3	109.5	0.3	59.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.1	101.6	0.3	61.1	0.0
4/29/2016 22:32	0.2	20.6	1.8	85.5	0.3	45.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.6	77.4	0.3	46.9	0.0
4/29/2016 22:33	0.2	20.6	2.3	101.0	0.3	68.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.1	93.0	0.3	69.9	0.0
4/29/2016 22:34	0.2	20.5	2.4	116.5	0.3	61.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.1	108.7	0.3	62.4	0.0
4/29/2016 22:35	0.2	20.5	2.6	103.5	0.3	61.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.4	95.6	0.3	63.1	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/29/2016 22:36	0.2	20.5	2.5	108.5	0.3	69.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.2	100.6	0.3	71.4	0.0
4/29/2016 22:37	0.2	20.5	2.5	119.5	0.3	70.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.2	111.7	0.3	72.4	0.0
4/29/2016 22:38	0.2	20.6	2.4	104.0	0.3	58.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.2	96.1	0.3	59.3	0.0
4/29/2016 22:39	0.2	20.6	2.4	101.0	0.3	62.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.2	93.0	0.3	63.8	0.0
4/29/2016 22:40	0.2	20.6	2.1	98.0	0.3	49.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.8	90.0	0.3	50.2	0.0
4/29/2016 22:41	0.2	20.6	1.0	40.5	0.3	18.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.7	32.0	0.3	18.6	0.0
4/29/2016 22:42	0.2	20.7	0.8	16.5	0.3	14.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.5	7.8	0.2	14.2	0.0
4/29/2016 22:43	0.2	20.7	0.6	13.0	0.3	9.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	4.3	0.2	9.7	0.0
4/29/2016 22:44	0.2	20.7	0.7	12.5	0.3	9.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.4	3.8	0.2	9.9	0.0
4/29/2016 22:45	0.2	20.6	2.4	28.5	0.2	25.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	2.1	19.9	0.2	25.4	0.0
4/29/2016 22:46	0.3	20.5	3.5	74.0	0.3	35.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	3.2	65.8	0.2	35.7	0.0
4/29/2016 22:47	0.3	20.6	2.2	65.0	0.2	26.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.9	56.7	0.2	27.2	0.0
4/29/2016 22:48	0.3	20.5	3.1	67.0	0.2	36.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.8	58.7	0.2	37.6	0.0
4/29/2016 22:49	0.3	20.5	2.9	88.5	0.2	45.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.7	80.4	0.2	46.3	0.0
4/29/2016 22:50	0.3	20.6	2.4	88.5	0.2	42.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.2	80.4	0.2	43.5	0.0
4/29/2016 22:51	0.3	20.5	2.5	99.0	0.2	49.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.3	91.0	0.1	50.5	0.0
4/29/2016 22:52	0.2	20.6	2.0	91.5	0.2	54.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	83.4	0.1	56.1	0.0
4/29/2016 22:53	0.3	20.5	3.0	125.5	0.2	65.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.7	117.7	0.2	66.6	0.0
4/29/2016 22:54	0.3	20.5	2.5	144.5	0.2	80.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.3	136.9	0.2	82.7	0.0
4/29/2016 22:55	0.3	20.6	2.4	135.5	0.3	85.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.1	127.8	0.2	87.8	0.0
4/29/2016 22:56	0.3	20.5	2.1	152.5	0.3	90.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	1.8	145.0	0.2	93.1	0.0
4/29/2016 22:57	0.3	20.6	1.5	134.0	0.3	63.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	126.3	0.2	64.4	0.0
4/29/2016 22:58	0.3	20.6	1.8	111.0	0.3	75.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.6	103.1	0.2	77.0	0.0
4/29/2016 22:59	0.3	20.5	2.2	122.5	0.3	53.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.0	114.7	0.3	54.8	0.0
4/29/2016 23:00	0.3	20.6	1.9	94.0	0.3	40.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.6	86.0	0.3	41.0	0.0
4/29/2016 23:01	0.3	20.6	1.9	70.0	0.3	37.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.6	61.8	0.3	38.5	0.0
4/29/2016 23:02	0.3	20.6	1.9	90.5	0.3	42.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	82.4	0.2	42.9	0.0
4/29/2016 23:03	0.3	20.5	2.2	116.5	0.3	59.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.7	1.9	108.7	0.3	61.3	0.0
4/29/2016 23:04	0.3	20.5	2.4	143.5	0.3	61.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.7	2.1	135.9	0.3	62.7	0.0
4/29/2016 23:05	0.3	20.5	2.6	132.5	0.3	58.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.7	2.3	124.8	0.2	60.2	0.0
4/29/2016 23:06	0.3	20.5	2.3	131.5	0.3	52.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.7	2.0	123.8	0.2	53.6	0.0
4/29/2016 23:07	0.3	20.6	1.9	101.5	0.3	43.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.6	93.5	0.2	44.6	0.0
4/29/2016 23:08	0.3	20.6	1.5	72.0	0.3	32.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	63.8	0.2	33.2	0.0
4/29/2016 23:09	0.3	20.6	1.5	69.0	0.2	45.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	60.8	0.2	46.0	0.0
4/29/2016 23:10	0.3	20.6	1.4	94.5	0.2	45.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.1	86.5	0.2	46.5	0.0
4/29/2016 23:11	0.3	20.6	1.1	66.5	0.2	26.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.8	58.2	0.2	27.0	0.0
4/29/2016 23:12	0.2	20.6	0.9	43.0	0.2	19.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.6	34.5	0.2	19.6	0.0
4/29/2016 23:13	0.2	20.6	0.9	37.0	0.2	17.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.9	0.6	28.5	0.2	17.9	0.0
4/29/2016 23:14	0.2	20.6	1.0	49.0	0.2	31.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.7	40.6	0.2	32.2	0.0
4/29/2016 23:15	0.2	20.6	1.0	66.0	0.2	33.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.7	57.7	0.1	34.4	0.0
4/29/2016 23:16	0.2	20.6	1.2	82.0	0.2	45.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.9	73.9	0.1	46.1	0.0
4/29/2016 23:17	0.3	20.6	1.6	132.0	0.2	57.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	124.3	0.1	58.5	0.0
4/29/2016 23:18	0.2	20.6	1.3	82.0	0.2	39.3	5.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.0	73.9	0.1	40.1	5.8
4/29/2016 23:19	0.3	20.6	1.4	98.0	0.2	36.5	8.3	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.1	90.0	0.1	37.3	9.1
4/29/2016 23:20	0.3	20.6	1.6	86.0	0.2	39.8	3.5	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	77.9	0.1	40.7	3.8
4/29/2016 23:21	0.3	20.6	1.5	83.0	0.2	42.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.2	74.9	0.1	43.9	0.0
4/29/2016 23:22	0.3	20.6	1.6	106.5	0.2	43.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	98.6	0.1	44.7	0.0
4/29/2016 23:23	0.3	20.6	2.1	137.5	0.2	61.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.8	129.8	0.1	62.9	0.0
4/29/2016 23:24	0.3	20.5	1.9	153.5	0.2	56.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.6	146.0	0.1	58.0	0.0
4/29/2016 23:25	0.3	20.6	1.9	156.5	0.2	56.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.6	149.0	0.1	57.6	0.0
4/29/2016 23:26	0.3	20.6	1.7	144.5	0.2	59.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.4	136.9	0.2	61.1	0.0
4/29/2016 23:27	0.3	20.5	2.0	165.0	0.2	60.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.8	157.6	0.2	61.8	0.0
4/29/2016 23:28	0.3	20.5	2.8	162.0	0.2	59.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.7	2.5	154.5	0.2	60.7	0.0
4/29/2016 23:29	0.3	20.5	3.3	160.5	0.3	60.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.7	3.0	153.0	0.2	61.6	0.0
4/29/2016 23:30	0.3	20.5	3.2	162.0	0.3	58.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.7	2.9	154.5	0.2	59.4	0.0
4/29/2016 23:31	0.3	20.5	2.8	172.0	0.3	58.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.3	20.7	2.6	164.6	0.2	60.2	0.0
4/29/2016 23:32	0.3	20.5	2.8	162.0	0.3	56.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.6	154.5	0.2	58.1	0.0
4/29/2016 23:33	0.3	20.5	2.8	151.0	0.3	49.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.6	143.5	0.2	51.0	0.0
4/29/2016 23:34	0.3	20.5	2.6	135.5	0.3	48.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.4	127.8	0.2	49.7	0.0

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																				Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/29/2016 23:35	0.3	20.6	1.9	154.0	0.3	60.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	146.5	0.2	61.7	0.0
4/29/2016 23:36	0.3	20.6	1.6	150.5	0.3	62.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	142.9	0.2	63.9	0.0
4/29/2016 23:37	0.3	20.6	1.6	146.5	0.3	52.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	138.9	0.2	53.4	0.0
4/29/2016 23:38	0.3	20.6	1.7	126.0	0.2	50.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.4	118.2	0.2	51.9	0.0
4/29/2016 23:39	0.3	20.6	2.0	144.0	0.2	49.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	136.4	0.2	50.6	0.0
4/29/2016 23:40	0.3	20.6	1.9	127.5	0.2	45.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	119.8	0.2	46.5	0.0
4/29/2016 23:41	0.3	20.5	3.0	114.0	0.2	35.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	2.7	106.1	0.2	35.8	0.0
4/29/2016 23:42	0.2	20.6	2.1	55.0	0.2	14.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.9	46.6	0.2	15.0	0.0
4/29/2016 23:43	0.2	20.6	1.4	21.5	0.2	11.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.1	12.9	0.1	11.4	0.0
4/29/2016 23:44	0.2	20.6	0.7	15.5	0.2	10.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.4	6.8	0.1	10.2	0.0
4/29/2016 23:45	0.2	20.6	0.9	20.0	0.2	10.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.6	11.3	0.1	10.9	0.0
4/29/2016 23:46	0.2	20.7	0.6	17.5	0.1	9.0	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	8.8	0.1	9.0	0.0
4/29/2016 23:47	0.2	20.7	0.6	15.5	0.1	11.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.3	6.8	0.1	11.2	0.0
4/29/2016 23:48	0.2	20.6	0.9	31.5	0.1	15.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.9	0.6	22.9	0.1	15.4	0.0
4/29/2016 23:49	0.2	20.6	1.1	47.0	0.1	14.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	0.8	38.6	0.1	14.8	0.0
4/29/2016 23:50	0.2	20.6	1.3	45.5	0.1	22.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	37.1	0.1	22.7	0.0
4/29/2016 23:51	0.2	20.6	1.6	76.0	0.1	23.1	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	67.8	0.1	23.5	0.0
4/29/2016 23:52	0.2	20.5	2.0	92.5	0.2	34.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	84.5	0.1	35.5	0.0
4/29/2016 23:53	0.2	20.6	1.6	110.0	0.2	38.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	102.1	0.1	39.0	0.0
4/29/2016 23:54	0.2	20.5	1.8	114.5	0.2	54.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.6	106.6	0.1	55.7	0.0
4/29/2016 23:55	0.2	20.5	1.9	161.0	0.2	49.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	153.5	0.1	51.0	0.0
4/29/2016 23:56	0.2	20.6	1.3	90.5	0.2	28.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	82.4	0.1	29.3	0.0
4/29/2016 23:57	0.2	20.6	1.9	112.0	0.2	43.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.7	104.1	0.1	44.9	0.0
4/29/2016 23:58	0.3	20.5	2.2	160.0	0.2	59.9	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.0	152.5	0.1	61.3	0.0
4/29/2016 23:59	0.3	20.5	2.0	171.5	0.2	54.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	1.7	164.1	0.1	56.1	0.0
4/30/2016 0:00	0.3	20.5	2.3	171.5	0.2	71.2	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.1	164.1	0.1	72.9	0.0
4/30/2016 0:01	0.3	20.5	2.3	186.5	0.1	60.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.0	179.3	0.1	62.2	0.0
4/30/2016 0:02	0.3	20.5	2.2	176.0	0.1	63.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.0	168.7	0.1	65.3	0.0
4/30/2016 0:03	0.3	20.5	2.5	195.5	0.1	76.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.3	188.3	0.1	78.1	0.0
4/30/2016 0:04	0.3	20.5	2.3	208.5	0.1	63.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.0	201.4	0.1	64.9	0.0
4/30/2016 0:05	0.3	20.5	2.3	182.0	0.1	68.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.1	174.7	0.1	70.2	0.0
4/30/2016 0:06	0.3	20.5	2.4	205.5	0.1	75.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	2.2	198.4	0.1	77.1	0.0
4/30/2016 0:07	0.3	20.5	2.2	184.0	0.1	58.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.7	1.9	176.7	0.1	59.8	0.0
4/30/2016 0:08	0.2	20.6	1.7	132.0	0.2	41.6	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.4	124.3	0.1	42.5	0.0
4/30/2016 0:09	0.2	20.6	1.6	95.5	0.1	33.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.3	87.5	0.1	34.4	0.0
4/30/2016 0:10	0.2	20.6	1.3	62.5	0.1	30.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.0	54.2	0.1	31.0	0.0
4/30/2016 0:11	0.2	20.6	1.6	99.0	0.1	46.3	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	91.0	0.1	47.3	0.0
4/30/2016 0:12	0.2	20.5	2.1	139.0	0.1	49.4	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.8	131.4	0.1	50.5	0.0
4/30/2016 0:13	0.2	20.6	1.6	119.5	0.1	31.7	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.2	20.8	1.3	111.7	0.1	32.4	0.0
4/30/2016 0:14	0.2	20.6	1.4	69.0	0.1	24.5	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	1.1	60.8	0.1	24.9	0.0
4/30/2016 0:15	0.2	20.6	1.2	58.0	0.1	21.8	0.0	Night 5 Testing	0.1	2.5	2.5	0.1	10.9	11.0	0.3	24.9	25.1	8.8	263.0	256.4	0.1	13.6	14.8	0.2	14.3	14.4	1.098	0.1	20.8	0.9	49.7	0.1	22.1	0.0
	0.2	**20.6**	**1.4**	**97.4**	**0.2**	**44.9**	**0.5**	**Night 5 Average**																				**0.1**	**20.8**	**1.2**	**89.4**	**0.1**	**46.0**	**0.6**
4/30/2016 0:16	0.2	20.6	1.4	61.5	0.1	24.5	0.0																												
4/30/2016 0:17	4.5	14.4	0.8	56.5	0.1	10.0	0.0																												
4/30/2016 0:18	10.8	11.0	0.3	12.0	0.1	0.2	0.0																												
4/30/2016 0:19	11.0	10.9	0.2	7.5	0.1	0.2	0.0																												
4/30/2016 0:20	11.0	10.9	0.2	7.5	0.1	0.2	0.0																												
4/30/2016 0:21	11.0	**10.9**	0.2	7.5	**0.1**	0.2	0.0	**10.98 O2, Zero SO2 Bias Check**																											
4/30/2016 0:22	7.6	5.1	18.7	91.0	0.1	0.2	0.0																												
4/30/2016 0:23	2.7	0.1	25.2	245.5	0.5	0.2	0.0																												
4/30/2016 0:24	2.5	0.1	25.2	261.5	0.6	0.2	0.0																												
4/30/2016 0:25	2.5	0.1	25.3	261.5	0.7	0.2	0.0																												
4/30/2016 0:26	**2.5**	**0.1**	**25.3**	**262.0**	0.7	0.2	0.0	**2.52 CO2, Zero O2, 25.1 NOx, 256 CO Bias Check**																											
4/30/2016 0:27	1.7	10.4	7.7	177.5	0.3	0.2	0.0																												
4/30/2016 0:28	0.1	20.5	0.2	17.5	0.1	0.2	0.0																												
4/30/2016 0:29	0.1	20.7	0.2	7.5	3.2	0.2	0.0																												
4/30/2016 0:30	0.1	20.7	0.2	7.5	8.3	0.2	0.0																												
4/30/2016 0:31	**0.1**	20.7	**0.2**	**7.5**	**13.5**	**0.2**	0.0	**Zero CO2, Zero NOx, Zero CO, 14.8 SO2, Zero TOC Bias Check**																											
4/30/2016 0:32	0.1	11.7	0.2	7.5	13.4	12.0	0.0																												

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 29, 2016
Gaseous Emissions Recorder Printout and Test Summary

	Uncorrected Data								Correction Variables																			Corrected Data						
TimeStamp (EDT)	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm	COMMENTS	Co, CO_2	Cm, CO_2	Cma, CO_2	Co, O_2	Cm, O_2	Cma, O_2	Co, NO_x	Cm, NO_x	Cma, NO_x	Co, CO	Cm, CO	Cma, CO	Co, SO_2	Cm, SO_2	Cma, SO_2	Co, TOC	Cm, TOC	Cma, TOC	TRS Correction	CO_2, %	O_2, %	NO_x, ppm	CO, ppm	SO_2, ppm	TOC, ppm, as Propane	TRS, ppm
4/30/2016 0:33	0.1	0.3	0.1	7.5	6.2	14.2	0.0																										
4/30/2016 0:34	0.1	0.1	0.1	7.5	0.3	**14.3**	0.0	**14.4 C3H8 Bias Check**																									
4/30/2016 0:35	0.1	0.3	0.1	7.5	0.2	8.3	8.3																										
4/30/2016 0:36	0.1	0.3	0.2	7.5	0.1	4.7	5.8																										
4/30/2016 0:37	0.1	0.3	0.1	7.5	0.1	0.2	**11.1**	**9.98 H2S Bias Check**																									
4/30/2016 0:38	0.1	10.6	0.1	7.5	0.1	0.2	9.0																										
4/30/2016 0:39	0.1	18.9	0.1	7.5	5.3	0.2	6.1																										
4/30/2016 0:40	0.1	20.7	0.1	7.5	9.1	0.2	10.0																										
4/30/2016 0:41	0.1	20.7	0.1	7.5	28.6	0.2	**29.5**	**29.96 TRS Calibration**																									
4/30/2016 0:42	0.1	20.7	0.1	7.5	14.8	0.2	17.7																										
4/30/2016 0:43	0.1	20.7	0.1	7.5	14.1	0.2	14.6																										
4/30/2016 0:44	0.1	20.7	0.1	7.5	14.2	0.2	14.7																										
4/30/2016 0:45	0.1	20.7	0.1	7.5	14.2	0.2	**14.7**	**14.8 TRS Calibration**																									
4/30/2016 0:46	0.1	20.7	0.1	7.5	11.8	0.2	12.6																										
4/30/2016 0:47	0.1	20.7	0.1	7.5	7.8	0.2	8.7																										
4/30/2016 0:48	0.1	20.7	0.1	7.5	5.9	0.2	6.8																										
4/30/2016 0:49	0.1	20.7	0.1	7.5	1.2	0.2	1.8																										
4/30/2016 0:50	0.1	20.7	0.1	7.5	0.0	0.2	**-0.1**	**Zero TRS Calibration**																									
4/30/2016 0:51	0.1	20.7	0.1	7.5	0.0	0.2	-0.1																										

Calculation for Run 1 of the CO_2 Test

Correction of CO_2 Concentrations for Instrument Drift

EPA Method 7E provides an equation for correcting the measured gaseous concentrations over a valid test run for instrument drift during the test run.

The EPA equation presented in Section 12.6 of EPA Method 7E is:

$$C_{gas} = (C_{avg} - C_o)(C_{ma} / (C_m - C_o))$$

Where:

C_{gas} = Effluent gas concentration, dry basis, percent.

C_{avg} = Average gas concentration indicated by the gas analyzer, percent.

C_o = Average of initial and final system calibration bias check responses for the zero gas, percent.

C_m = Average of initial and final system calibration bias check responses for the upscale calibration gas, percent.

C_{ma} = Actual concentration of the upscale calibration gas, percent.

Using the average for Run 1 of the CO_2 test:

C_{avg} = 0.3

From the Pre test / Post test bias checks:

(Pre test + Post test) / 2

C_o = (0.0 + 0.1) / 2 = 0.1 percent

C_m = (2.5 + 2.6) / 2 = 2.5 percent

C_{ma} = 2.5 percent

		Cavg		Co		Cma		Cm		Co	
C_{gas} =	(	0.3	-	0.1	) x	2.5	/ (	2.5	-	0.1	)

C_{gas} = 0.2

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
EXAMPLE CALCULATIONS FOR GASEOUS EMISSIONS

Calculation for Run 1 of the O_2 Test

Correction of O_2 Concentrations for Instrument Drift

EPA Method 7E provides an equation for correcting the measured gaseous concentrations over a valid test run for instrument drift during the test run.

The EPA equation presented in Section 12.6 of EPA Method 7E is:

$$C_{gas} = (C_{avg} - C_o)(C_{ma} / (C_m - C_o))$$

Where:

C_{gas} = Effluent gas concentration, dry basis, percent.

C_{avg} = Average gas concentration indicated by the gas analyzer, percent.

C_o = Average of initial and final system calibration bias check responses for the zero gas, percent.

C_m = Average of initial and final system calibration bias check responses for the upscale calibration gas, percent.

C_{ma} = Actual concentration of the upscale calibration gas, percent.

Using the average for Run 1 of the O_2 test:

C_{avg} = 20.7

From the Pre test / Post test bias checks:

(Pre test + Post test) / 2

C_o = (0.0 + 0.1) / 2 = 0.0 percent

C_m = (10.8 + 11.0) / 2 = 10.9 percent

C_{ma} = 10.98 percent

		Cavg		Co		Cma		Cm		Co	
C_{gas} =	(	20.7	-	0.0	) x	11.0	/ (	10.9	-	0.0	)

C_{gas} = 20.8

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
EXAMPLE CALCULATIONS FOR GASEOUS EMISSIONS

Calculation for Run 1 of the NO_x Test

Correction of NO_x Concentrations for Instrument Drift

EPA Method 7E provides an equation for correcting the measured gaseous concentrations over a valid test run for instrument drift during the test run.

The EPA equation presented in Section 12.6 of EPA Method 7E is:

$$C_{gas} = (C_{avg} - C_o)(C_{ma} / (C_m - C_o))$$

Where:

C_{gas} = Effluent gas concentration, dry basis, ppm.

C_{avg} = Average gas concentration indicated by the gas analyzer, ppm.

C_o = Average of initial and final system calibration bias check responses for the zero gas, ppm.

C_m = Average of initial and final system calibration bias check responses for the upscale calibration gas, ppm.

C_{ma} = Actual concentration of the upscale calibration gas, ppm.

Using the average for Run 1 of the NO_x test:

C_{avg} = 4.8

From the Pre test / Post test bias checks:
(Pre test + Post test) / 2

C_o = (0.2 + 0.7) / 2 = 0.4 ppm

C_m = (25.1 + 25.9) / 2 = 25.5 ppm

C_{ma} = 25.1 ppm

	Cavg		Co		Cma		Cm		Co	
C_{gas} = (	4.8	-	0.4	) x	25.1	/ (	25.5	-	0.4	)

C_{gas} = 4.4

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
EXAMPLE CALCULATIONS FOR GASEOUS EMISSIONS

Calculation of the Mass of NO_x Emissions During the Test Run

The stack gas flow rate for each sampling run was measured using EPA Methods 1 through 4. Flow data in Appendix A presents the measured stack gas parameters and the calculation of the stack gas flow rate for Run 1 of the NO_x test.

The average mass emission rate of a pollutant over a sampling run was calculated by using the following equation:

$$M = \frac{C_{gas(avg)} \times MW \times Q_{d(std)}}{0.8482 \times 10^6 \times 60}$$

Where:

M =	Average mass emission rate of the pollutant over the sampling run in grams/sec.
$C_{gas(avg)}$ =	Average concentration of the stack gas during the sampling run in ppm. This concentration is expressed on a dry stack basis.
MW =	Molecular weight of the pollutant in grams/gram-mole.
$Q_{d(std)}$ =	Stack gas flow rate during the sampling run in dry standard cubic feet per minute (scfmd).
0.8482 =	Number of cubic feet occupied by one gram mole of gas at standard conditions (68º F and 29.92 in. Hg), assuming ideal gas behavior.
10^6 =	Conversion constant for parts per million to cubic feet of pollutant (1 ppm = 10^{-6} ft^3 pollutant / ft^3 stack gas)
1/60 =	Conversion constant for minutes to seconds (1 min = 60 Seconds)

For Run 1 of the NO_x test:

$C_{gas(avg)}$ =	4.4	ppm	
MW =	46	=	14 + 16 + 16
$Q_{d(std)}$ =	120848	SCFMD	

$$M = \frac{C_{gas(avg)} \times MW \times Q_{d(std)}}{0.8482 \times 1.0E{+}06 \times 60} = \frac{4.4 \times 46 \times 120847.6724}{0.8482 \times 1.0E{+}06 \times 60}$$

M = 0.48 grams/sec

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
EXAMPLE CALCULATIONS FOR GASEOUS EMISSIONS

Calculation for Run 1 of the CO Test

Correction of CO Concentrations for Instrument Drift

EPA Method 7E provides an equation for correcting the measured gaseous concentrations over a valid test run for instrument drift during the test run.

The EPA equation presented in Section 12.6 of EPA Method 7E is:

$$C_{gas} = (C_{avg} - C_o)(C_{ma} / (C_m - C_o))$$

Where:

C_{gas} = Effluent gas concentration, dry basis, ppm.

C_{avg} = Average gas concentration indicated by the gas analyzer, ppm.

C_o = Average of initial and final system calibration bias check responses for the zero gas, ppm.

C_m = Average of initial and final system calibration bias check responses for the upscale calibration gas, ppm.

C_{ma} = Actual concentration of the upscale calibration gas, ppm.

Using the average for Run 1 of the CO test:

C_{avg} = 107.4

From the Pre test / Post test bias checks:

(Pre test + Post test) / 2

C_o = (0.0 + 0.0) / 2 = 0.0 ppm

C_m = (254.5 + 253.0) / 2 = 253.8 ppm

C_{ma} = 256.40 ppm

		Cavg		Co		Cma		Cm		Co	
C_{gas} =	(	107.4	-	0.0	) x	256.4	/ (	253.8	-	0.0	)

C_{gas} = 108.5

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
EXAMPLE CALCULATIONS FOR GASEOUS EMISSIONS

Calculation of the Mass of CO Emissions During the Test Run

The stack gas flow rate for each sampling run was measured using EPA Methods 1 through 4. Flow data in Appendix A presents the measured stack gas parameters and the calculation of the stack gas flow rate for Run 1 of the CO test.

The average mass emission rate of a pollutant over a sampling run was calculated by using the following equation:

$$M = \frac{C_{gas(avg)} \times MW \times Q_{d(std)}}{0.8482 \times 10^6 \times 60}$$

Where:

M =	Average mass emission rate of the pollutant over the sampling run in grams/sec.
$C_{gas(avg)}$ =	Average concentration of the stack gas during the sampling run in ppm. This concentration is expressed on a dry stack basis.
MW =	Molecular weight of the pollutant in grams/gram-mole.
$Q_{d(std)}$ =	Stack gas flow rate during the sampling run in dry standard cubic feet per minute (scfmd).
0.8482 =	Number of cubic feet occupied by one gram mole of gas at standard conditions (68º F and 29.92 in. Hg), assuming ideal gas behavior.
10^6 =	Conversion constant for parts per million to cubic feet of pollutant (1 ppm = 10^{-6} ft^3 pollutant / ft^3 stack gas)
1/60 =	Conversion constant for minutes to seconds (1 min = 60 Seconds)

For Run 1 of the CO test:

$C_{gas(avg)}$ =	108.5	ppm	
MW =	28	=	12 + 16
$Q_{d(std)}$ =	120848	SCFMD	

$$M = \frac{C_{gas(avg)} \times MW \times Q_{d(std)}}{0.8482 \times 1.0E+06 \times 60} = \frac{108.5 \times 28 \times 120847.6724}{0.8482 \times 1.0E+06 \times 60}$$

M = 7.21 grams/sec

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
EXAMPLE CALCULATIONS FOR GASEOUS EMISSIONS

Calculation for Run 1 of the SO_2 Test

Correction of SO_2 Concentrations for Instrument Drift

EPA Method 7E provides an equation for correcting the measured gaseous concentrations over a valid test run for instrument drift during the test run.

The EPA equation presented in Section 12.6 of EPA Method 7E is:

$$C_{gas} = (C_{avg} - C_o)(C_{ma} / (C_m - C_o))$$

Where:

C_{gas} = Effluent gas concentration, dry basis, ppm.

C_{avg} = Average gas concentration indicated by the gas analyzer, ppm.

C_o = Average of initial and final system calibration bias check responses for the zero gas, ppm.

C_m = Average of initial and final system calibration bias check responses for the upscale calibration gas, ppm.

C_{ma} = Actual concentration of the upscale calibration gas, ppm.

Using the average for Run 1 of the SO_2 test:

C_{avg} = 1.6

From the Pre test / Post test bias checks:
(Pre test + Post test) / 2

C_o = (0.0 + 0.0) / 2 = 0.0 ppm

C_m = (15.1 + 14.9) / 2 = 15.0 ppm

C_{ma} = 14.8 ppm

	Cavg		Co		Cma		Cm		Co	
C_{gas} = (	1.6	-	0.0	) x	14.8	/ (	15.0	-	0.0	)

C_{gas} = 1.6

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
EXAMPLE CALCULATIONS FOR GASEOUS EMISSIONS

Calculation of the Mass of SO_2 Emissions During the Test Run

The stack gas flow rate for each sampling run was measured using EPA Methods 1 through 4. Flow data in Appendix B presents the measured stack gas parameters and the calculation of the stack gas flow rate for Run 1 of the SO_2 test.

The average mass emission rate of a pollutant over a sampling run was calculated by using the following equation:

$$M = \frac{C_{gas(avg)} \times MW \times Q_{d(std)}}{0.8482 \times 10^6 \times 60}$$

Where:

M = Average mass emission rate of the pollutant over the sampling run in grams/sec.

$C_{gas(avg)}$ = Average concentration of the stack gas during the sampling run in ppm. This concentration is expressed on a dry stack basis.

MW = Molecular weight of the pollutant in grams/gram-mole.

$Q_{d(std)}$ = Stack gas flow rate during the sampling run in dry standard cubic feet per minute (scfmd).

0.8482 = Number of cubic feet occupied by one gram mole of gas at standard conditions (68º F and 29.92 in. Hg), assuming ideal gas behavior.

10^6 = Conversion constant for parts per million to cubic feet of pollutant (1 ppm = 10^{-6} ft^3 pollutant / ft^3 stack gas)

1/60 = Conversion constant for minutes to seconds (1 min = 60 Seconds)

For Run 1 of the SO_2 test:

$C_{gas(avg)}$ = 1.6 ppm

MW = 64 = 32 + 16 + 16

$Q_{d(std)}$ = 120848 SCFMD

$$M = \frac{C_{gas(avg)} \times MW \times Q_{d(std)}}{0.8482 \times 1.0E+06 \times 60} = \frac{1.6 \times 64 \times 120847.6724}{0.8482 \times 1.0E+06 \times 60}$$

M = 0.24 grams/sec

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
EXAMPLE CALCULATIONS FOR GASEOUS EMISSIONS

Calculation for Run 1 of the TOC Test

Correction of TOC Concentrations for Instrument Drift

EPA Method 7E provides an equation for correcting the measured gaseous concentrations over a valid test run for instrument drift during the test run.

The EPA equation presented in Section 12.6 of EPA Method 7E is:

$$C_{gas} = (C_{avg} - C_o)(C_{ma} / (C_m - C_o))$$

Where:
$C_{Propane}$ = Effluent gas concentration, wet basis, as propane, ppm.

C_{avg} = Average gas concentration indicated by the gas analyzer, ppm.

C_o = Average of initial and final system calibration bias check responses for the zero gas, ppm.

C_m = Average of initial and final system calibration bias check responses for the upscale calibration gas, ppm.

C_{ma} = Actual concentration of the upscale calibration gas, ppm.

Using the average for Run 1 of the TOC test:

C_{avg} = **38.7**

From the Pre test / Post test bias checks:
(Pre test + Post test) / 2

C_o = (0.1 + 0.0) / 2 = 0.0 ppm

C_m = (14.8 + 14.6) / 2 = 14.7 ppm

C_{ma} = 14.4 ppm

		Cavg		Co		Cma		Cm		Co	
$C_{Propane}$ =	(	38.7	-	0.0	) x	14.4	/ (	14.7	-	0.0	)

$C_{Propane}$ = 38.1

Conversion for the concentration of TOC from a Propane to Carbon basis

$$C_{Carbon} = 3 X \ C_{propane}$$

$C_{Propane}$ = 38.1

C_{Carbon} = 3.0 x 38.1 ppm

C_{Carbon} = **114.4** ppm

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
EXAMPLE CALCULATIONS FOR GASEOUS EMISSIONS

Calculation of the Mass of TOC Emissions During the Test Run

The stack gas flow rate for each sampling run was measured using EPA Methods 1 through 4. Flow data in Appendix A presents the measured stack gas parameters and the calculation of the stack gas flow rate for Run 1 of the TOC test.

The average mass emission rate of a pollutant over a sampling run was calculated by using the following equation:

$$M = \frac{C_{gas(avg)} \times MW \times Q_{(std)}}{0.8482 \times 10^{6} \times 60}$$

Where:

M = Average mass emission rate of the pollutant over the sampling run in grams/sec.

$C_{gas(avg)}$ = Average concentration of the stack gas during the sampling run in ppm, of Carbon. This concentration is expressed on a wet stack basis.

MW = Molecular weight of the pollutant in grams/gram-mole.

$Q_{(std)}$ = Stack gas flow rate during the sampling run in standard cubic feet per minute (scfmw).

0.8482 = Number of cubic feet occupied by one gram mole of gas at standard conditions (68º F and 29.92 in. Hg), assuming ideal gas behavior.

10^6 = Conversion constant for parts per million to cubic feet of pollutant ($1 \text{ ppm} = 10^{-6}$ ft^3 pollutant / ft^3 stack gas)

1/60 = Conversion constant for minutes to seconds (1 min = 60 Seconds)

For Run 1 of the TOC test:

$C_{gas(avg)}$ =	114.4	ppm				
MW =	12	=	12			
$Q_{d(std)}$ =	123310	SCFMW				

	$C_{gas(avg)}$		MW		$Q_{d(std)}$
M =	114.4	x	12	x	123310.0089
	0.8482	x	1.0E+06	x	60

M = 3.33 grams/sec

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
EXAMPLE CALCULATIONS FOR GASEOUS EMISSIONS

Calculation for Run 1 of the TRS Test

Correction of TRS Concentrations for Instrument Drift

EPA Method 16C provides an equation for correcting the measured gaseous concentrations over a valid test run for instrument drift during the test run.

The corrected EPA equation presented in Section 12.5 of EPA Method 16C is:

$$C_{gas} = \overline{C_{TRS}} / (1 - (|\overline{SP}|/100))$$

Where:

C_{gas} = Effluent gas concentration, dry basis, ppm.

C_{TRS} = Average gas concentration indicated by the gas analyzer, ppm.

SP = System Performance, percent.

C_{H2S} = Actual H_2S concentration of the upscale calibration gas, ppm.

C_s = Average of the pre and post bias checks

Using the average for Run 1 of the TRS test:

C_{avg} = **0.2**

System Performance Check
From the Pre test / post test bias checks

		Pre test +		Post Test		/ 2			
C_s	=	(10.8	+	9.3)	/	2	=	10.0	ppm

C_{H2S} = 10.0 ppm

SP = $(Cs - C_{H2S}) / C_{H2S}$ x 100

SP = 0.2 %

$C_{gas} = \overline{C_{TRS}} / (1 - (|\overline{SP}|/100))$

		$\overline{C_{TRS}}$	$\overline{\lvert SP \rvert}$
C_{gas}	=	0.2	0.2

C_{gas} = **0.2**

Naval Station Guantanamo Bay
Guantanamo Bay, Cuba
Air Curtain Incinerator D-1
April 18 - 22 and April 25-29, 2016
EXAMPLE CALCULATIONS FOR GASEOUS EMISSIONS

Calculation of the Mass of SO_2 Emissions During the Test Run

The stack gas flow rate for each sampling run was measured using EPA Methods 1 through 4. Flow data in Appendix A presents the measured stack gas parameters and the calculation of the stack gas flow rate for Run 1 of the TRS test.

The average mass emission rate of a pollutant over a sampling run was calculated by using the following equation:

$$M = \frac{C_{gas(avg)} \times MW \times Q_{d(std)}}{0.8482 \times 10^6 \times 60}$$

Where:

M = Average mass emission rate of the pollutant over the sampling run in grams/sec.

$C_{gas(avg)}$ = Average concentration of the stack gas during the sampling run in ppm. This concentration is expressed on a dry stack basis.

MW = Molecular weight of the pollutant in grams/gram-mole.

$Q_{d(std)}$ = Stack gas flow rate during the sampling run in dry standard cubic feet per minute (scfmd).

0.8482 = Number of cubic feet occupied by one gram mole of gas at standard conditions (68° F and 29.92 in. Hg), assuming ideal gas behavior.

10^6 = Conversion constant for parts per million to cubic feet of pollutant ($1 \text{ ppm} = 10^{-6}$ ft^3 pollutant / ft^3 stack gas)

1/60 = Conversion constant for minutes to seconds (1 min = 60 Seconds)

For Run 1 of the TRS test:

$C_{gas(avg)}$ = 0.2 ppm

MW = 34 = 1 + 1 + 32

$Q_{d(std)}$ = 120848 SCFMD

$$M = \frac{C_{gas(avg)} \times MW \times Q_{d(std)}}{0.8482 \times 1.0E{+}06 \times 60} = \frac{0.2 \times 34 \times 120847.67}{0.8482 \times 1.0E{+}06 \times 60}$$

M = 0.02 grams/sec

Airgas

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

Airgas Specialty Gases
630 United Drive
Durham , NC 27713
919-544-3773 Fax: 919-544-3774
Airgas.com

Part Number:	E04NI97E15A8N34	Reference Number:	122-124530978-5
Cylinder Number:	CC427934	Cylinder Volume:	145.6 CF
Laboratory:	ASG - Durham - NC	Cylinder Pressure:	2015 PSIG
PGVP Number:	B22016	Valve Outlet:	660
Gas Code:	CO2,CO,NO,NOX,BALN	Certification Date:	Jan 05, 2016

Expiration Date: Jan 05, 2019

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	25.00 PPM	25.08 PPM	G1	+/- 1.4% NIST Traceable	12/29/2015, 01/05/2016
NITRIC OXIDE	25.00 PPM	25.05 PPM	G1	+/- 1.4% NIST Traceable	12/29/2015, 01/05/2016
CARBON MONOXIDE	250.0 PPM	256.4 PPM	G1	+/- 0.5% NIST Traceable	12/29/2015
CARBON DIOXIDE	2.500 %	2.521 %	G1	+/- 1% NIST Traceable	12/30/2015
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12061654	CC365061	20.23 PPM NITRIC OXIDE/NITROGEN	+/- 0.30	Apr 27, 2018
PRM	12328	680179	10.01 PPM NITROGEN DIOXIDE/NITROGEN	+/- 2.0%	Feb 14, 2012
GMIS	812201402	CC502144	4.865 PPM NITROGEN DIOXIDE/NITROGEN	+/- 2.0%	Aug 12, 2017
NTRM	12060318	CC353951	249.3 PPM CARBON MONOXIDE/NITROGEN	+/- 0.4%	Oct 26, 2017
NTRM	99060908	XC018568B	3.01 % CARBON DIOXIDE/NITROGEN	+/- 0.6%	Apr 23, 2017

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801549 CO2	FTIR	Dec 17, 2015
Horiba VIA510 CO RS2EGL6K	Nondispersive Infrared (NDIR)	Dec 16, 2015
Nicolet 6700 AHR0801549 NO	FTIR	Dec 17, 2015
Nicolet 6700 AHR0801549 NO	FTIR	Dec 17, 2015

Triad Data Available Upon Request

Approved for Release

Airgas

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

Airgas Specialty Gases
630 United Drive
Durham , NC 27713
919-544-3773 Fax: 919-544-3774
Airgas.com

Part Number:	E04NI94E15A0037	Reference Number:	122-124533501-1
Cylinder Number:	CC300750	Cylinder Volume:	146.9 CF
Laboratory:	ASG - Durham - NC	Cylinder Pressure:	2015 PSIG
PGVP Number:	B22016	Valve Outlet:	660
Gas Code:	CO,CO2,NO,NOX,BALN	Certification Date:	Feb 01, 2016

Expiration Date: Feb 01, 2019

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	50.00 PPM	49.51 PPM	G1	+/- 1.3% NIST Traceable	01/25/2016, 02/01/2016
NITRIC OXIDE	50.00 PPM	49.50 PPM	G1	+/- 1.3% NIST Traceable	01/25/2016, 02/01/2016
CARBON MONOXIDE	500.0 PPM	497.8 PPM	G1	+/- 0.6% NIST Traceable	01/19/2016
CARBON DIOXIDE	5.000 %	4.952 %	G1	+/- 1.0% NIST Traceable	01/18/2016
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	13061229	CC403921	49.40 PPM NITRIC OXIDE/NITROGEN	+/- 0.8%	Nov 19, 2019
PRM	12328	680179	10.01 PPM NITROGEN DIOXIDE/NITROGEN	+/- 2.0%	Oct 15, 2014
GMIS	812201402	CC502144	4.865 PPM NITROGEN DIOXIDE/NITROGEN	+/- 2.0%	Aug 12, 2017
NTRM	12062423	CC366870	487.1 PPM CARBON MONOXIDE/NITROGEN	+/- 0.6%	Jun 22, 2018
NTRM	99060919	XC018891B	3.01 % CARBON DIOXIDE/NITROGEN	+/- 0.7%	Apr 23, 2017

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801333 CO2	FTIR	Jan 07, 2016
Horiba VIA510 CO RS2EGL6K	Nondispersive Infrared (NDIR)	Jan 13, 2016
Nicolet 6700 AHR0801333 NO	FTIR	Jan 07, 2016
Nicolet 6700 AHR0801333 NO2	FTIR	Jan 07, 2016

Triad Data Available Upon Request

Approved for Release

Airgas

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

Airgas Specialty Gases
630 United Drive
Durham , NC 27713
919-544-3773 Fax: 919-544-3774
Airgas.com

Part Number:	E03NI78E15AC035	Reference Number:	122-124530978-3
Cylinder Number:	CC466355	Cylinder Volume:	151.7 CF
Laboratory:	ASG - Durham - NC	Cylinder Pressure:	2015 PSIG
PGVP Number:	B22015	Valve Outlet:	590
Gas Code:	CO2,O2,BALN	Certification Date:	Dec 28, 2015

Expiration Date: Dec 28, 2023

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
CARBON DIOXIDE	11.00 %	10.89 %	G1	+/- 0.6% NIST Traceable	12/28/2015
OXYGEN	11.00 %	10.98 %	G1	+/- 0.4% NIST Traceable	12/28/2015
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12061348	CC360808	11.002 % CARBON DIOXIDE/NITROGEN	+/- 0.6%	Jan 11, 2018
NTRM	09060211	CC262370	9.961 % OXYGEN/NITROGEN	+/- 0.3%	Nov 08, 2018

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Horiba VIA510 CO2 2L6YXWY0	Nondispersive Infrared (NDIR)	Dec 16, 2015
Horiba MPA510 O2 41499150042	Paramagnetic	Dec 16, 2015

Triad Data Available Upon Request

Approved for Release

Airgas

Airgas Specialty Gases
630 United Drive
Durham , NC 27713
919-544-3773 Fax: 919-544-3774
www.airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

Part Number:	E02AI99E15A1707	Reference Number:	122-124451752-1
Cylinder Number:	CC257341	Cylinder Volume:	146.2 CF
Laboratory:	ASG - Durham - NC	Cylinder Pressure:	2015 PSIG
PGVP Number:	B22014	Valve Outlet:	660
Gas Code:	SO2,BALA	Certification Date:	Sep 10, 2014

Expiration Date: Sep 10, 2018

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
SULFUR DIOXIDE	15.00 PPM	14.78 PPM	G1	+/- 1.0% NIST Traceable	09/03/2014, 09/10/2014
AIR	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	13060330	CC403844	16.82 PPM SULFUR DIOXIDE/NITROGEN	+/- 0.9%	Apr 26, 2016
NTRM	130603	CC403763	16.82 PPM SULFUR DIOXIDE/NITROGEN	+/- 0.9%	Apr 26, 2016

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801333 SO2	FTIR	Sep 04, 2014

Triad Data Available Upon Request

Approved for Release

Airgas

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

Airgas Specialty Gases
630 United Drive
Durham , NC 27713
919-544-3773 Fax: 919-544-3774
Airgas.com

Part Number:	E02AI99E15A1710	Reference Number:	122-124524287-1
Cylinder Number:	CC502123	Cylinder Volume:	146.2 CF
Laboratory:	ASG - Durham - NC	Cylinder Pressure:	2015 PSIG
PGVP Number:	B22015	Valve Outlet:	660
Gas Code:	SO2,BALA	Certification Date:	Nov 24, 2015

Expiration Date: Nov 24, 2019

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
SULFUR DIOXIDE	30.00 PPM	29.94 PPM	G1	+/- 1.0% NIST Traceable	11/17/2015, 11/24/2015
AIR	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12061818	CC352095	50.10 PPM SULFUR DIOXIDE/NITROGEN	+/- 1.0%	Apr 24, 2018

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801549 SO2	FTIR	Nov 20, 2015

Triad Data Available Upon Request

Approved for Release

Airgas

Airgas Specialty Gases
630 United Drive
Durham , NC 27713
919-544-3773 Fax: 919-544-3774
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

Part Number:	E02NI99E15A1023	Reference Number:	122-124463869-1
Cylinder Number:	SG9162739BAL	Cylinder Volume:	144.3 CF
Laboratory:	ASG - Durham - NC	Cylinder Pressure:	2015 PSIG
PGVP Number:	B22014	Valve Outlet:	350
Gas Code:	PPN,BALN	Certification Date:	Nov 14, 2014

Expiration Date: Nov 14, 2022

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	8.000 PPM	7.961 PPM	G1	+/- 1.0% NIST Traceable	11/14/2014
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	10061412	CC315916	9.93 PPM PROPANE/AIR	+/- 0.6%	Jul 20, 2016

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801333 C3H8	FTIR	Nov 13, 2014

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Airgas

Airgas Specialty Gases
630 United Drive
Durham , NC 27713
919-544-3773 Fax: 919-544-3774
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

Part Number:	E02NI99E15A00X0	Reference Number:	122-124463875-1
Cylinder Number:	CC237722	Cylinder Volume:	144.3 CF
Laboratory:	ASG - Durham - NC	Cylinder Pressure:	2015 PSIG
PGVP Number:	B22014	Valve Outlet:	350
Gas Code:	PPN,BALN	Certification Date:	Nov 14, 2014

Expiration Date: Nov 14, 2022

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	14.50 PPM	14.43 PPM	G1	+/- 1.0% NIST Traceable	11/14/2014
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	10061412	CC315916	9.93 PPM PROPANE/AIR	+/- 0.6%	Jul 20, 2016

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801333 C3H8	FTIR	Nov 13, 2014

Triad Data Available Upon Request

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Airgas

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

Airgas Specialty Gases
630 United Drive
Durham , NC 27713
919-544-3773 Fax: 919-544-3774
Airgas.com

Part Number:	E02NI99E15AC480	Reference Number:	122-124476662-1
Cylinder Number:	SG9140032BAL	Cylinder Volume:	144.4 CF
Laboratory:	ASG - Durham - NC	Cylinder Pressure:	2015 PSIG
PGVP Number:	B22015	Valve Outlet:	350
Gas Code:	PPN,BALN	Certification Date:	Feb 06, 2015

Expiration Date: Feb 06, 2023

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.
Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	25.50 PPM	25.19 PPM	G1	+/- 1.0% NIST Traceable	02/06/2015
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	08061028	CC263119	49.62 PPM PROPANE/AIR	+/- 0.6%	May 14, 2018

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801333 C3H8	FTIR	Feb 05, 2015

Triad Data Available Upon Request

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Airgas

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

Airgas Specialty Gases
630 United Drive
Durham , NC 27713
919-544-3773 Fax: 919-544-3774
Airgas.com

Part Number:	E02NI99E15A0485	Reference Number:	122-124533511-1
Cylinder Number:	EB0062246	Cylinder Volume:	144.3 CF
Laboratory:	ASG - Durham - NC	Cylinder Pressure:	2015 PSIG
PGVP Number:	B22016	Valve Outlet:	330
Gas Code:	H2S,BALN	Certification Date:	Jan 27, 2016

Expiration Date: Jan 27, 2019

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
HYDROGEN SULFIDE	10.00 PPM	9.981 PPM	G1	+/- 1.2%	01/18/2016, 01/27/2016
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
GMIS	GMIS	CC314676	9.995 PPM HYDROGEN SULFIDE/NITROGEN	+/- 0.9%	Jan 13, 2017
RGM	12332	CC183693	10.07 PPM HYDROGEN SULFIDE/NITROGEN	+/- 0.8%	Dec 18, 2017

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Ametek 9000 H2S ZA-9000-10312-1	Ultraviolet	Jan 07, 2016

Triad Data Available Upon Request

Approved for Release

APPENDIX E

DIOXIN/FURANS, PCB, PAH, AND SVOC EMISSIONS DATA

Example Calculations

Emissions Data Input Summary

Dioxin/Furan Lab Summary Results

PCB Lab Summary Results

PAH Lab Summary Results

SVOC Lab Summary Results

Emission Run Summaries

Field Data Sheets

Field Balance Calibration

Meter Box Pre Test Calibration

Meter Box Post Test Calibration

Pitot Tube Calibration

Thermocouple Calibration

Ambient Air Services, Inc.
Environmental Consultants
106 Ambient Airway Starke, Florida 32091 (904) 964-8440

Example Calculations, DF/PCB/PAH/SVOC Test Run 2

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 19, 2016**

1. **Stack Pressure (P_s)**

$$P_s = P_{bar} + (P_g / 13.6)$$

Example.	P_{bar}	=	29.95	**P_s**	=	**29.94**	**in. Hg.**
	P_g	=	-0.20				

2. **Volume Water Vapor, ($V_{w(std)}$).**

$$V_{lc} \times 0.04706$$

Example.	V_{lc}	=	51.0	**$V_{w(std)}$**	=	**2.401**	**SCF**

3. **Meter Volume, corrected to Standard Conditions, ($V_{m(std)}$)**

$$V_m \times Y \times 17.64 (P_{bar} + (\Delta H/13.6))/T_m$$

Example.	V_m	=	97.486	**$V_{m(std)}$**	=	**90.993**	**SCF**
	P_{bar}	=	29.95				
	T_m	=	560.0				
	Y	=	0.988				
	K_1	=	17.64				
	ΔH_{avg}	=	0.5873				

4. **Total Volume Of Sample, (V_t).**

$$V_{w(std)} + V_{m(std)}$$

Example.	$V_{m(std)}$	=	90.993	**V_t**	=	**93.394**	**SCF**
	$V_{w(std)}$	=	2.401				

5. **Moisture in stack gas, volume fraction (B_{ws})**

$$V_{w(std)} / (V_{w(std)} + V_{m(std)})$$

Example.	$V_{m(std)}$	=	90.993	**B_{ws}**	=	**0.026**	
	$V_{w(std)}$	=	2.401				

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Example Calculations, DF/PCB/PAH/SVOC Test Run 2

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Date**	April 19, 2016

6. **Dry Stack Gas, volume fraction (B_{wd})**

$$= 1 - B_{ws}$$

Example.	B_{ws}	=	0.026	**B_{wd}**	=	**0.974**

7. **Molecular Weight of Stack Gas, Dry, (M_d).**

$$= (0.44 \times \%CO2) + (0.32 \times \%O2) + (0.28 \times \%N2) + (0.28 \times \%CO)$$

Example.	CO2	=	0.1	**M_d**	=	**28.84**
	O2	=	20.6			
	N2	=	79.3			
	CO	=	0.0			

8. **Molecular Weight of Stack Gas, Stack Conditions, (M_s).**

$$= M_d \times B_{wd} + 18.0 \times B_{ws}$$

Example.	M_d	=	28.84	**M_s**	=	**28.56**
	B_{wd}	=	0.974			
	B_{ws}	=	0.026			

9. **Specific Gravity of Gas, Relative to Air, (G_s)**

$$= M_S / 28.99$$

Example.	M_s	=	28.56	**G_s**	=	**0.985**

10. **Velocity of Stack Gas, as feet per minute, (v_s).**

$$= (K_p \times C_p \times (\Delta p_{avg})^{.5} \times (T_{s(abs)} / (P_s \times M_s))^{.5}) \times 60$$

Example.	C_p	=	0.84	**v_s**	=	**649.2**	**FPM**
	$(\Delta p_{avg})^{.5}$	=	0.1861				
	$T_{s(abs)}$	=	560.7				
	P_s	=	29.94				
	M_s	=	28.56				
	K_p	=	85.49				

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Environmental Consultants
106 Ambient Airway Starke, Florida 32091 (904) 964-8440

Example Calculations, DF/PCB/PAH/SVOC Test Run 2

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 19, 2016**

11. **Percent Isokinetic Sampled, (I)**

$$I = (100 \times V_{m(std)} \times 29.92 \times T_{s(abs)}) / (528 \times v_s \times \Theta \times A_n \times P_s \times B_{wd})$$

Example.

A_n	=	0.0006758	**I**	**=**	**94**	**%**
Θ	=	240.00	P_{std}	=	29.92	
$V_{m(std)}$	=	90.993	T_{std}	=	528	
$T_{s(abs)}$	=	560.7	P_s	=	29.94	
v_s	=	649.2	B_{wd}	=	0.974	

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Example Calculations, DF/PCB/PAH/SVOC Test Run 2

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 19, 2016**

12. **Target Compound Emission Rate, grams per Second, Em_{tc}**

$$(Mtc.) / V_{m(std)} \times Q_{d(std)} / 60$$

Example.	$Mtc^{(1)}$	=	1.70E-09	**Emf**	=	**3.07E-08**	**grams/second**
	$V_{m(std)}$	=	90.99				
	$Q_{d(std)}$	=	98551				

Note (1): The target compound recovery mass units vary depending on the analysis method. Laboratory Results may be in nanograms, picograms, or micrograms. The given example is for the Day Run 2 - 1,2,3,4,6,7,8-HpCDD result.

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Environmental Consultants
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Example Calculations, DF/PCB/PAH/SVOC Test Run 2

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Date**	April 19, 2016

Constants

K_p	=	85.49 Velocity equation	T_{std}	=	528 °R
P_{std}	=	29.92 inches Hg			

Variables

A	=	Stack Area (ft^2)	$Q_{d(std)}$	=	Stack Gas Flow Rate, SCFMD
A_n	=	Nozzle Area (ft^2)	$T_{s(abs)}$	=	Stack Temp (degrees R)
B_{ws}	=	Moisture in stack gas, volume fraction	T_m	=	Meter Temp (degrees R)
B_{wd}	=	Dry Stack Gas, volume fraction	V_{lc}	=	Condensate Volume (ml)
D_e	=	Equivilent Diameter (inches)	V_m	=	Volume Metered (ft^3)
Em_{tc}	=	Target Compound Mass Emission Rate, grams/second	v_s	=	Average Stack Velocity, FPM
I	=	Percent Isokinetic	$V_{m(std)}$	=	Gas Volume Sampled, STPD
M_{tc}	=	Target Compound Recovery Weight (grams)	$V_{w(std)}$	=	Volume Water Vapor, SCF
M_d	=	Molecular Weight of Stack Gas (Dry Basis)	V_t	=	Total Volume Collected, SCF
M_s	=	Molecular Weight of Stack Gas (Stack conditions)	**Y**	=	Meter Correction
Pbar	=	Barometric Pressure (inches Hg)	ΔH_{avg}	=	Delta H (inches H_2O)
Pg	=	Static Pressure	Δp_{avg}	=	Avg of SQRT of V.H.
Ps	=	Stack Pressure (inches Hg)	**Θ**	=	Total Time (minutes)

D/F, PCBs, PAHs, and SVOCs Emissions Data Inputs Summary

Run	Sample Volume (ft^3)	Volumetric Flow Rate (ft^3/min)
D2	90.99	98551
D3	102.84	100527
D4	101.50	137491
D5	107.16	73023
D6	115.49	120848
N1	73.14	104782
N2	84.22	89404
N3	72.77	72499
N4	84.99	77662
N5	84.16	91877

Dioxins and Furans Laboratory Results Summary

Method CF23

Sum of Result		Units	Run														
		pg/sample	pg/sample	pg/sample	pg/sample	pg/sample	pg/sample	pg/sample	pg/sample	pg/sample	pg/sample	pg/sample	pg/sample	pg/sample	pg/sample	pg/sample	pg/sample Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
1,2,3,4,6,7,8-HpCDD		**3800**	**1700**	**2700**	**11000**	**2800**	**1400**	**19000**	**3100**	**6800**	**1900**	**2500**	**32**	**0**	**0**	**56732**
1,2,3,4,6,7,8-HpCDD	COMBINED	3800	1700	2700	11000	2800	1400	19000	3100	6800	1900	2500	32	0	0	56732
1,2,3,4,6,7,8-HpCDF		**3100**	**1800**	**2400**	**12000**	**2600**	**1300**	**20000**	**3400**	**4800**	**2700**	**2100**	**29**	**0**	**0**	**56229**
1,2,3,4,6,7,8-HpCDF	COMBINED	3100	1800	2400	12000	2600	1300	20000	3400	4800	2700	2100	29	0	0	56229
1,2,3,4,7,8,9-HpCDF		**460**	**150**	**250**	**1300**	**260**	**150**	**2700**	**400**	**660**	**370**	**240**	**0**	**0**	**0**	**6940**
1,2,3,4,7,8,9-HpCDF	COMBINED	460	150	250	1300	260	150	2700	400	660	370	240	0	0	0	6940
1,2,3,4,7,8-HxCDD		**360**	**250**	**360**	**1000**	**420**	**170**	**2300**	**430**	**740**	**260**	**380**	**0**	**0**	**0**	**6670**
1,2,3,4,7,8-HxCDD	COMBINED	360	250	360	1000	420	170	2300	430	740	260	380	0	0	0	6670
1,2,3,4,7,8-HxCDF		**2300**	**1800**	**2500**	**9100**	**2700**	**1400**	**20000**	**3500**	**4500**	**2500**	**2400**	**21**	**0**	**0**	**52721**
1,2,3,4,7,8-HxCDF	COMBINED	2300	1800	2500	9100	2700	1400	20000	3500	4500	2500	2400	21	0	0	52721
1,2,3,6,7,8-HxCDD		**630**	**480**	**650**	**2200**	**780**	**390**	**5000**	**770**	**1700**	**520**	**660**	**0**	**0**	**0**	**13780**
1,2,3,6,7,8-HxCDD	COMBINED	630	480	650	2200	780	390	5000	770	1700	520	660	0	0	0	13780
1,2,3,6,7,8-HxCDF		**790**	**620**	**810**	**2700**	**880**	**500**	**6500**	**1000**	**1600**	**880**	**840**	**9.3**	**0**	**0**	**17129.3**
1,2,3,6,7,8-HxCDF	COMBINED	790	620	810	2700	880	500	6500	1000	1600	880	840	9.3	0	0	17129.3
1,2,3,7,8,9-HxCDD		**1100**	**770**	**1100**	**3300**	**1200**	**570**	**7500**	**1400**	**2400**	**800**	**1000**	**0**	**0**	**0**	**21140**
1,2,3,7,8,9-HxCDD	COMBINED	1100	770	1100	3300	1200	570	7500	1400	2400	800	1000	0	0	0	21140
1,2,3,7,8,9-HxCDF		**76**	**35**	**57**	**220**	**53**	**35**	**530**	**64**	**110**	**71**	**52**	**0**	**0**	**0**	**1303**
1,2,3,7,8,9-HxCDF	COMBINED	76	35	57	220	53	35	530	64	110	71	52	0	0	0	1303
1,2,3,7,8-PeCDD		**420**	**380**	**540**	**980**	**640**	**260**	**2900**	**610**	**950**	**350**	**510**	**0**	**4.4**	**0**	**8544.4**
1,2,3,7,8-PeCDD	COMBINED	420	380	540	980	640	260	2900	610	950	350	510	0	4.4	0	8544.4
1,2,3,7,8-PeCDF		**580**	**480**	**630**	**1400**	**790**	**500**	**4400**	**750**	**1000**	**710**	**680**	**14**	**0**	**0**	**11934**
1,2,3,7,8-PeCDF	COMBINED	580	480	630	1400	790	500	4400	750	1000	710	680	14	0	0	11934
2,3,4,6,7,8-HxCDF		**1300**	**940**	**1200**	**5200**	**1300**	**740**	**9500**	**2100**	**2400**	**1300**	**1100**	**14**	**0**	**0**	**27094**
2,3,4,6,7,8-HxCDF	COMBINED	1300	940	1200	5200	1300	740	9500	2100	2400	1300	1100	14	0	0	27094
2,3,4,7,8-PeCDF		**1300**	**1100**	**1400**	**3400**	**1600**	**940**	**9900**	**1900**	**2300**	**1300**	**1400**	**15**	**0**	**0**	**26555**
2,3,4,7,8-PeCDF	COMBINED	1300	1100	1400	3400	1600	940	9900	1900	2300	1300	1400	15	0	0	26555
2,3,7,8-TCDD		**180**	**100**	**2100**	**190**	**430**	**80**	**590**	**180**	**550**	**87**	**140**	**0**	**4.2**	**0**	**4631.2**
2,3,7,8-TCDD	COMBINED	180	100	2100	190	430	80	590	180	550	87	140	0	4.2	0	4631.2
2,3,7,8-TCDF		**630**	**580**	**680**	**990**	**930**	**710**	**4300**	**1100**	**1000**	**800**	**800**	**32**	**0**	**0**	**12552**
2,3,7,8-TCDF	COMBINED	630	580	680	990	930	710	4300	1100	1000	800	800	32	0	0	12552
OCDD		**5900**	**1100**	**1800**	**8000**	**1900**	**900**	**12000**	**2300**	**4700**	**1400**	**1500**	**28**	**6.6**	**0**	**41534.6**
OCDD	COMBINED	5900	1100	1800	8000	1900	900	12000	2300	4700	1400	1500	28	6.6	0	41534.6
OCDF		**1000**	**300**	**520**	**3700**	**650**	**250**	**4900**	**730**	**1200**	**700**	**290**	**12**	**0**	**15**	**14267**
OCDF	COMBINED	1000	300	520	3700	650	250	4900	730	1200	700	290	12	0	15	14267
Total HpCDD		**8800**	**4400**	**6700**	**27000**	**7200**	**3500**	**46000**	**7500**	**16000**	**4600**	**6400**	**58**	**0**	**0**	**138158**
Total HpCDD	COMBINED	8800	4400	6700	27000	7200	3500	46000	7500	16000	4600	6400	58	0	0	138158
Total HpCDF		**4800**	**2500**	**3500**	**18000**	**3800**	**1900**	**31000**	**5100**	**7500**	**4300**	**3100**	**36**	**0**	**0**	**85536**
Total HpCDF	COMBINED	4800	2500	3500	18000	3800	1900	31000	5100	7500	4300	3100	36	0	0	85536
Total HxCDD		**16000**	**14000**	**20000**	**55000**	**23000**	**9900**	**120000**	**23000**	**48000**	**14000**	**20000**	**170**	**0**	**0**	**363070**
Total HxCDD	COMBINED	16000	14000	20000	55000	23000	9900	120000	23000	48000	14000	20000	170	0	0	363070
Total HxCDF		**10000**	**7700**	**10000**	**39000**	**12000**	**6200**	**84000**	**15000**	**20000**	**12000**	**10000**	**85**	**0**	**0**	**225985**
Total HxCDF	COMBINED	10000	7700	10000	39000	12000	6200	84000	15000	20000	12000	10000	85	0	0	225985
Total PeCDD		**21000**	**20000**	**27000**	**65000**	**34000**	**13000**	**170000**	**36000**	**61000**	**21000**	**28000**	**180**	**4.4**	**0**	**496184.4**
Total PeCDD	COMBINED	21000	20000	27000	65000	34000	13000	170000	36000	61000	21000	28000	180	4.4	0	496184.4
Total PeCDF		**20000**	**17000**	**23000**	**61000**	**28000**	**15000**	**160000**	**33000**	**39000**	**23000**	**22000**	**190**	**1.7**	**0**	**441191.7**
Total PeCDF	COMBINED	20000	17000	23000	61000	28000	15000	160000	33000	39000	23000	22000	190	1.7	0	441191.7
Total TCDD		**38000**	**37000**	**47000**	**85000**	**58000**	**27000**	**260000**	**78000**	**110000**	**40000**	**47000**	**270**	**4.2**	**0**	**827274.2**
Total TCDD	COMBINED	38000	37000	47000	85000	58000	27000	260000	78000	110000	40000	47000	270	4.2	0	827274.2
Total TCDF		**39000**	**36000**	**45000**	**88000**	**58000**	**32000**	**250000**	**67000**	**69000**	**39000**	**43000**	**390**	**0**	**0**	**766390**
Total TCDF	COMBINED	39000	36000	45000	88000	58000	32000	250000	67000	69000	39000	43000	390	0	0	766390

PCBs Laboratory Results Summary

Method EP1668A

Sum of Result		Units	Run														
		ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
Dichlorobiphenyl (total)		**518.2**	**348.88**	**308.2**	**507.3**	**488.95**	**277.41**	**1769.5**	**929.6**	**575**	**297.18**	**395.4**	**18.76**	**0.59**	**0**	**6434.97**
Dichlorobiphenyl (total)	BH	500	330	300	480	480	270	1700	910	550	290	380	10			6200
Dichlorobiphenyl (total)	COMBINED													0.59	0	0.59
Dichlorobiphenyl (total)	CONDENSATE	7.2	0.88	1	1.3	0.45	0.51	1.5	2.6	13	0.48	1.4	0.36			30.68
Dichlorobiphenyl (total)	FH	11	18	7.2	26	8.5	6.9	68	17	12	6.7	14	8.4			203.7
Heptachlorobiphenyl (total)		**9.6**	**6.53**	**1.336**	**12.5**	**3.78**	**2.21**	**33**	**5.9**	**5.37**	**3.3**	**2**	**0.199**	**0**	**0**	**85.725**
Heptachlorobiphenyl (total)	BH	5.7	6	1.3	11	3.2	2.1	23	2.9	2.5	1.9	2	0.069			61.669
Heptachlorobiphenyl (total)	COMBINED													0	0	0
Heptachlorobiphenyl (total)	CONDENSATE	0	0	0	0	0	0	0	0	0.17	0	0	0			0.17
Heptachlorobiphenyl (total)	FH	3.9	0.53	0.036	1.5	0.58	0.11	10	3	2.7	1.4	0	0.13			23.886
Hexachlorobiphenyl (total)		**49.16**	**38.6**	**25.265**	**31.85**	**31.2**	**29.719**	**96.062**	**28.087**	**33.91**	**30.679**	**19.81**	**1.72**	**0**	**0**	**416.062**
Hexachlorobiphenyl (total)	BH	40	36	24	27	28	28	76	17	19	25	17	0.99			337.99
Hexachlorobiphenyl (total)	COMBINED													0	0	0
Hexachlorobiphenyl (total)	CONDENSATE	0.26	0	0.065	0.15	0	0.019	0.062	0.087	0.91	0.079	0.11	0			1.742
Hexachlorobiphenyl (total)	FH	8.9	2.6	1.2	4.7	3.2	1.7	20	11	14	5.6	2.7	0.73			76.33
Monochlorobiphenyl (total)		**4362**	**2645**	**1647**	**3953**	**3446**	**1341**	**13107**	**4848**	**4561**	**1643**	**3359**	**66**	**23**	**0**	**45001**
Monochlorobiphenyl (total)	BH	4300	2600	1600	3900	3400	1300	13000	4800	4500	1600	3300	25			44325
Monochlorobiphenyl (total)	COMBINED													23	0	23
Monochlorobiphenyl (total)	CONDENSATE	36	19	22	21	20	16	17	18	30	16	17	17			249
Monochlorobiphenyl (total)	FH	26	26	25	32	26	25	90	30	31	27	42	24			404
Nonachlorobiphenyl (total)		**0.49**	**0.55**	**0**	**3.16**	**0.029**	**0**	**3.3**	**0.46**	**0.27**	**0.19**	**0**	**0**	**0**	**0**	**8.449**
Nonachlorobiphenyl (total)	BH	0.32	0.55	0	2.9	0	0	1	0	0	0	0	0			4.77
Nonachlorobiphenyl (total)	COMBINED													0	0	0
Nonachlorobiphenyl (total)	CONDENSATE	0	0	0	0	0	0	0	0	0.03	0	0	0			0.03
Nonachlorobiphenyl (total)	FH	0.17	0	0	0.26	0.029	0	2.3	0.46	0.24	0.19	0	0			3.649
Octachlorobiphenyl (total)		**1.2**	**2.443**	**0.021**	**4.66**	**0.084**	**0**	**10.7**	**1.1**	**0.83**	**1.07**	**0.22**	**0.04**	**0**	**0**	**22.368**
Octachlorobiphenyl (total)	BH	0	2.4	0	3.8	0	0	5	0	0	0.36	0.22	0			11.78
Octachlorobiphenyl (total)	COMBINED													0	0	0
Octachlorobiphenyl (total)	CONDENSATE	0	0	0	0	0	0	0	0	0.02	0	0	0			0.02
Octachlorobiphenyl (total)	FH	1.2	0.043	0.021	0.86	0.084	0	5.7	1.1	0.81	0.71	0	0.04			10.568
PCB 1 (BZ)		**705**	**562**	**365**	**763**	**642**	**257**	**1444**	**680**	**659**	**299**	**538**	**59**	**23**	**21**	**7017**
PCB 1 (BZ)	BH	660	520	320	720	600	220	1400	640	620	260	500	21			6481
PCB 1 (BZ)	COMBINED													23	21	44
PCB 1 (BZ)	CONDENSATE	21	18	22	20	19	16	17	17	17	16	16	16			215
PCB 1 (BZ)	FH	24	24	23	23	23	21	27	23	22	23	22	22			277
PCB 10 (BZ)		**3.23**	**2.93**	**2.956**	**3.48**	**3.793**	**2.056**	**8.68**	**8.61**	**3.249**	**1.1**	**1.683**	**0.218**	**0**	**0**	**41.985**
PCB 10 (BZ)	BH	3.1	2.8	2.9	3.3	3.7	2	8.5	8.5	3.1	1.1	1.6	0.14			40.74
PCB 10 (BZ)	COMBINED													0	0	0
PCB 10 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.039	0	0	0			0.039
PCB 10 (BZ)	FH	0.13	0.13	0.056	0.18	0.093	0.056	0.18	0.11	0.11	0	0.083	0.078			1.206
PCB 100 (BZ)		**0**	**0**	**0**	**0.043**	**0**	**0**	**0**	**0**	**0.04**	**0**	**0**	**0**	**0**	**0**	**0.083**
PCB 100 (BZ)	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 100 (BZ)	COMBINED													0	0	0
PCB 100 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 100 (BZ)	FH	0	0	0	0.043	0	0	0	0	0.04	0	0	0			0.083
PCB 101 (BZ)		**9.72**	**22.5**	**13.555**	**12.97**	**10.9**	**24.723**	**25.071**	**7.82**	**9.99**	**11.262**	**13.392**	**1.22**	**0**	**0**	**163.123**
PCB 101 (BZ)	BH	6.9	21	13	11	9.7	24	20	3.6	4.8	9.1	12	0.64			135.74
PCB 101 (BZ)	COMBINED													0	0	0
PCB 101 (BZ)	CONDENSATE	0.22	0	0.045	0.17	0	0.043	0.071	0.12	0.39	0.062	0.092	0			1.213
PCB 101 (BZ)	FH	2.6	1.5	0.51	1.8	1.2	0.68	5	4.1	4.8	2.1	1.3	0.58			26.17
PCB 102 (BZ)		**0.13**	**0.72**	**0**	**0.13**	**0**	**0**	**1.56**	**0.11**	**0.19**	**0**	**0**	**0**	**0**	**0**	**2.84**
PCB 102 (BZ)	BH	0	0.72	0	0	0	0	1.3	0	0	0	0	0			2.02
PCB 102 (BZ)	COMBINED													0	0	0
PCB 102 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 102 (BZ)	FH	0.13	0	0	0.13	0	0	0.26	0.11	0.19	0	0	0			0.82
PCB 103 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PCB 103 (BZ)	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 103 (BZ)	COMBINED													0	0	0
PCB 103 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 103 (BZ)	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 104 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

PCBs Laboratory Results Summary

Method EP1668A

Sum of Result		Units	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	Run	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
PCB 104 (BZ)	BH		0	0	0	0	0	0	0	0	0	0	0	0	0		0
PCB 104 (BZ)	COMBINED														0	0	0
PCB 104 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 104 (BZ)	FH		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 105 (BZ)			**3.131**	**3.44**	**2.45**	**4.478**	**2.83**	**3.26**	**11.7**	**4.236**	**4.74**	**3.621**	**3.18**	**0.25**	**0**	**0**	**47.316**
PCB 105 (BZ)	BH		2.3	3.1	2.3	3.9	2.5	3.1	9.6	2.6	2.9	3	2.7	0.14			38.14
PCB 105 (BZ)	COMBINED														0	0	0
PCB 105 (BZ)	CONDENSATE		0.051	0	0	0.058	0	0	0	0.036	0.14	0.011	0	0			0.296
PCB 105 (BZ)	FH		0.78	0.34	0.15	0.52	0.33	0.16	2.1	1.6	1.7	0.61	0.48	0.11			8.88
PCB 106 (BZ)			**0.926**	**0.59**	**0.8**	**2.048**	**0.579**	**0.31**	**4.86**	**1.36**	**1.716**	**0.029**	**0.84**	**0**	**0**	**0**	**14.058**
PCB 106 (BZ)	BH		0.87	0.59	0.8	1.9	0.55	0.31	4.3	1.2	1.6	0	0.75	0			12.87
PCB 106 (BZ)	COMBINED														0	0	0
PCB 106 (BZ)	CONDENSATE		0.024	0	0	0.018	0	0	0	0	0.065	0	0	0			0.107
PCB 106 (BZ)	FH		0.032	0	0	0.13	0.029	0	0.56	0.16	0.051	0.029	0.09	0			1.081
PCB 107 (BZ)/109 (IUPAC)			**0.685**	**0.835**	**0.561**	**0.838**	**0.747**	**0.63**	**4.37**	**0.24**	**1.305**	**0.43**	**0.54**	**0.025**	**0**	**0**	**11.206**
PCB 107 (BZ)/109 (IUPAC)	BH		0.59	0.77	0.53	0.74	0.68	0.63	3.8	0	0.97	0.3	0.44	0.025			9.475
PCB 107 (BZ)/109 (IUPAC)	COMBINED														0	0	0
PCB 107 (BZ)/109 (IUPAC)	CONDENSATE		0	0	0	0	0	0	0	0	0.045	0	0	0			0.045
PCB 107 (BZ)/109 (IUPAC)	FH		0.095	0.065	0.031	0.098	0.067	0	0.57	0.24	0.29	0.13	0.1	0			1.686
PCB 108 (BZ)/107 (IUPAC)			**0.697**	**0.664**	**0.97**	**1.61**	**1.055**	**0.69**	**3.76**	**0.91**	**1.288**	**0.1**	**0.6**	**0**	**0**	**0**	**12.344**
PCB 108 (BZ)/107 (IUPAC)	BH		0.6	0.62	0.97	1.5	1	0.65	3.2	0.71	1	0	0.49	0			10.74
PCB 108 (BZ)/107 (IUPAC)	COMBINED														0	0	0
PCB 108 (BZ)/107 (IUPAC)	CONDENSATE		0	0	0	0	0	0	0	0	0.038	0	0	0			0.038
PCB 108 (BZ)/107 (IUPAC)	FH		0.097	0.044	0	0.11	0.055	0.04	0.56	0.2	0.25	0.1	0.11	0			1.566
PCB 109 (BZ)/108 (IUPAC)			**72.6**	**27.1**	**17.64**	**16.78**	**48.6**	**33.81**	**60.73**	**21.45**	**47.2**	**34.6**	**11.088**	**0.92**	**0**	**0**	**392.518**
PCB 109 (BZ)/108 (IUPAC)	BH		69	26	17	15	47	33	54	17	41	32	9.7	0.55			361.25
PCB 109 (BZ)/108 (IUPAC)	COMBINED														0	0	0
PCB 109 (BZ)/108 (IUPAC)	CONDENSATE		1.1	0	0	0.28	0	0.11	0.13	0.15	1.6	0.1	0.088	0			3.558
PCB 109 (BZ)/108 (IUPAC)	FH		2.5	1.1	0.64	1.5	1.6	0.7	6.6	4.3	4.6	2.5	1.3	0.37			27.71
PCB 11 (BZ)			**123.1**	**45.31**	**52.34**	**81.88**	**111.572**	**59.11**	**320.29**	**193.77**	**70**	**111.52**	**59.34**	**2.562**	**0.098**	**0**	**1230.892**
PCB 11 (BZ)	BH		120	43	51	77	110	58	310	190	66	110	57	1.4			1193.4
PCB 11 (BZ)	COMBINED														0.098	0	0.098
PCB 11 (BZ)	CONDENSATE		1.3	0.21	0.24	0.18	0.072	0.11	0.29	0.77	2	0.12	0.44	0.062			5.794
PCB 11 (BZ)	FH		1.8	2.1	1.1	4.7	1.5	1	10	3	2	1.4	1.9	1.1			31.6
PCB 110 (BZ)			**9.291**	**15.2**	**8.856**	**8.63**	**8.2**	**13.742**	**20.173**	**7.695**	**10.92**	**9.15**	**10.966**	**1.05**	**0**	**0**	**123.873**
PCB 110 (BZ)	BH		6.5	14	8.2	6.9	7.1	13	16	3.3	5.5	7.3	9.7	0.59			98.09
PCB 110 (BZ)	COMBINED														0	0	0
PCB 110 (BZ)	CONDENSATE		0.091	0	0.076	0.13	0	0.042	0.073	0.095	0.22	0.05	0.066	0			0.843
PCB 110 (BZ)	FH		2.7	1.2	0.58	1.6	1.1	0.7	4.1	4.3	5.2	1.8	1.2	0.46			24.94
PCB 111 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**0.61**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.61**
PCB 111 (BZ)	BH		0	0	0	0	0	0	0.51	0	0	0	0	0			0.51
PCB 111 (BZ)	COMBINED														0	0	0
PCB 111 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 111 (BZ)	FH		0	0	0	0	0	0	0.1	0	0	0	0	0			0.1
PCB 112 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**0.57**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.57**
PCB 112 (BZ)	BH		0	0	0	0	0	0	0.57	0	0	0	0	0			0.57
PCB 112 (BZ)	COMBINED														0	0	0
PCB 112 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 112 (BZ)	FH		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 113 (BZ)			**9.72**	**22.5**	**13.555**	**12.97**	**10.9**	**24.723**	**25.071**	**7.82**	**9.99**	**11.262**	**13.392**	**1.22**	**0**	**0**	**163.123**
PCB 113 (BZ)	BH		6.9	21	13	11	9.7	24	20	3.6	4.8	9.1	12	0.64			135.74
PCB 113 (BZ)	COMBINED														0	0	0
PCB 113 (BZ)	CONDENSATE		0.22	0	0.045	0.17	0	0.043	0.071	0.12	0.39	0.062	0.092	0			1.213
PCB 113 (BZ)	FH		2.6	1.5	0.51	1.8	1.2	0.68	5	4.1	4.8	2.1	1.3	0.58			26.17
PCB 114 (BZ)			**0.63**	**0.621**	**0.54**	**1.185**	**0.6**	**0**	**3.17**	**0.8**	**0.214**	**0.055**	**0.565**	**0**	**0**	**0**	**8.38**
PCB 114 (BZ)	BH		0.57	0.59	0.54	1.1	0.6	0	2.7	0.67	0	0	0.49	0			7.26
PCB 114 (BZ)	COMBINED														0	0	0
PCB 114 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.034	0	0	0			0.034
PCB 114 (BZ)	FH		0.06	0.031	0	0.085	0	0	0.47	0.13	0.18	0.055	0.075	0			1.086
PCB 115 (BZ)			**9.291**	**15.2**	**8.856**	**8.63**	**8.2**	**13.742**	**20.173**	**7.695**	**10.92**	**9.15**	**10.966**	**1.05**	**0**	**0**	**123.873**
PCB 115 (BZ)	BH		6.5	14	8.2	6.9	7.1	13	16	3.3	5.5	7.3	9.7	0.59			98.09

PCBs Laboratory Results Summary

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Sum of Result		Units	Run														
		ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
PCB 115 (BZ)	COMBINED													0	0		0
PCB 115 (BZ)	CONDENSATE	0.091	0	0.076	0.13	0	0.042	0.073	0.095	0.22	0.05	0.066	0				0.843
PCB 115 (BZ)	FH	2.7	1.2	0.58	1.6	1.1	0.7	4.1	4.3	5.2	1.8	1.2	0.46				24.94
PCB 116 (BZ)		**2.394**	**2.92**	**3.28**	**4.49**	**1.96**	**2.22**	**7.4**	**2.34**	**2.5**	**2.26**	**2.52**	**0.084**	**0**	**0**		**34.368**
PCB 116 (BZ)	BH	1.8	2.8	3.2	4.1	1.8	2.1	6.1	1.6	1.5	1.9	2.2	0				29.1
PCB 116 (BZ)	COMBINED													0	0		0
PCB 116 (BZ)	CONDENSATE	0.074	0	0	0.03	0	0	0	0	0.08	0	0	0				0.184
PCB 116 (BZ)	FH	0.52	0.12	0.08	0.36	0.16	0.12	1.3	0.74	0.92	0.36	0.32	0.084				5.084
PCB 117 (BZ)		**2.394**	**2.92**	**3.28**	**4.49**	**1.96**	**2.22**	**7.4**	**2.34**	**2.5**	**2.26**	**2.52**	**0.084**	**0**	**0**		**34.368**
PCB 117 (BZ)	BH	1.8	2.8	3.2	4.1	1.8	2.1	6.1	1.6	1.5	1.9	2.2	0				29.1
PCB 117 (BZ)	COMBINED													0	0		0
PCB 117 (BZ)	CONDENSATE	0.074	0	0	0.03	0	0	0	0	0.08	0	0	0				0.184
PCB 117 (BZ)	FH	0.52	0.12	0.08	0.36	0.16	0.12	1.3	0.74	0.92	0.36	0.32	0.084				5.084
PCB 118 (BZ)		**6.74**	**9.671**	**6.661**	**6.04**	**5.25**	**9.92**	**20.743**	**7.163**	**8.47**	**7.346**	**8.668**	**0.66**	**0**	**0**		**97.332**
PCB 118 (BZ)	BH	4.7	8.8	6.2	4.9	4.4	9.4	17	3.6	3.8	5.9	7.6	0.36				76.66
PCB 118 (BZ)	COMBINED													0	0		0
PCB 118 (BZ)	CONDENSATE	0.14	0.011	0.041	0.14	0	0	0.043	0.063	0.17	0.046	0.068	0				0.722
PCB 118 (BZ)	FH	1.9	0.86	0.42	1	0.85	0.52	3.7	3.5	4.5	1.4	1	0.3				19.95
PCB 119 (BZ)		**72.6**	**27.1**	**17.64**	**16.78**	**48.6**	**33.81**	**60.73**	**21.45**	**47.2**	**34.6**	**11.088**	**0.92**	**0**	**0**		**392.518**
PCB 119 (BZ)	BH	69	26	17	15	47	33	54	17	41	32	9.7	0.55				361.25
PCB 119 (BZ)	COMBINED													0	0		0
PCB 119 (BZ)	CONDENSATE	1.1	0	0	0.28	0	0.11	0.13	0.15	1.6	0.1	0.088	0				3.558
PCB 119 (BZ)	FH	2.5	1.1	0.64	1.5	1.6	0.7	6.6	4.3	4.6	2.5	1.3	0.37				27.71
PCB 12 (BZ)		**234.31**	**131.15**	**121.09**	**223.9**	**200.89**	**95.87**	**830.8**	**334.5**	**279**	**83.11**	**164.91**	**1.78**	**0.14**	**0**		**2701.45**
PCB 12 (BZ)	BH	230	130	120	220	200	95	800	330	270	82	160	1.2				2638.2
PCB 12 (BZ)	COMBINED													0.14	0		0.14
PCB 12 (BZ)	CONDENSATE	3.6	0.21	0.34	0.5	0	0.17	0.8	1	6.8	0.11	0.51	0.14				14.18
PCB 12 (BZ)	FH	0.71	0.94	0.75	3.4	0.89	0.7	30	3.5	2.2	1	4.4	0.44				48.93
PCB 120 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0.67**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0.67**
PCB 120 (BZ)	BH	0	0	0	0	0	0	0.67	0	0	0	0	0				0.67
PCB 120 (BZ)	COMBINED													0	0		0
PCB 120 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 120 (BZ)	FH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 121 (BZ)		**1.2**	**0**	**0.76**	**0.638**	**3.4**	**1**	**2.58**	**2.291**	**1.1**	**0.69**	**0.88**	**0**	**0**	**0**		**14.539**
PCB 121 (BZ)	BH	1.2	0	0.76	0.6	3.4	1	2.4	2.2	1.1	0.69	0.88	0				14.23
PCB 121 (BZ)	COMBINED													0	0		0
PCB 121 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 121 (BZ)	FH	0	0	0	0.038	0	0	0.18	0.091	0	0	0	0				0.309
PCB 122 (BZ)		**0.699**	**0.66**	**0.7**	**1.22**	**0.7**	**0.39**	**5.06**	**1.44**	**1.48**	**0.062**	**0.71**	**0**	**0**	**0**		**13.121**
PCB 122 (BZ)	BH	0.61	0.66	0.7	1.1	0.7	0.39	4.4	1.3	1.3	0	0.57	0				11.73
PCB 122 (BZ)	COMBINED													0	0		0
PCB 122 (BZ)	CONDENSATE	0.016	0	0	0	0	0	0	0	0.05	0	0	0				0.066
PCB 122 (BZ)	FH	0.073	0	0	0.12	0	0	0.66	0.14	0.13	0.062	0.14	0				1.325
PCB 123 (BZ)		**0.025**	**0.51**	**0.49**	**0.534**	**0.021**	**0.18**	**1.93**	**0.413**	**0.409**	**0.058**	**0.371**	**0**	**0**	**0**		**4.941**
PCB 123 (BZ)	BH	0	0.49	0.49	0.48	0	0.18	1.6	0.34	0.33	0	0.33	0				4.24
PCB 123 (BZ)	COMBINED													0	0		0
PCB 123 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.02	0	0	0				0.02
PCB 123 (BZ)	FH	0.025	0.02	0	0.054	0.021	0	0.33	0.073	0.059	0.058	0.041	0				0.681
PCB 124 (BZ)		**0.697**	**0.664**	**0.97**	**1.61**	**1.055**	**0.69**	**3.76**	**0.91**	**1.288**	**0.1**	**0.6**	**0**	**0**	**0**		**12.344**
PCB 124 (BZ)	BH	0.6	0.62	0.97	1.5	1	0.65	3.2	0.71	1	0	0.49	0				10.74
PCB 124 (BZ)	COMBINED													0	0		0
PCB 124 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.038	0	0	0				0.038
PCB 124 (BZ)	FH	0.097	0.044	0	0.11	0.055	0.04	0.56	0.2	0.25	0.1	0.11	0				1.566
PCB 125 (BZ)		**72.6**	**27.1**	**17.64**	**16.78**	**48.6**	**33.81**	**60.73**	**21.45**	**47.2**	**34.6**	**11.088**	**0.92**	**0**	**0**		**392.518**
PCB 125 (BZ)	BH	69	26	17	15	47	33	54	17	41	32	9.7	0.55				361.25
PCB 125 (BZ)	COMBINED													0	0		0
PCB 125 (BZ)	CONDENSATE	1.1	0	0	0.28	0	0.11	0.13	0.15	1.6	0.1	0.088	0				3.558
PCB 125 (BZ)	FH	2.5	1.1	0.64	1.5	1.6	0.7	6.6	4.3	4.6	2.5	1.3	0.37				27.71
PCB 126 (BZ)		**4.1**	**1.89**	**2.381**	**5.028**	**2.962**	**0.898**	**13.1**	**2.91**	**3.69**	**1.66**	**1.89**	**0**	**0**	**0**		**40.509**
PCB 126 (BZ)	BH	3.8	1.8	2.3	4.6	2.9	0.86	10	2.6	3.1	1.5	1.6	0				35.06
PCB 126 (BZ)	COMBINED													0	0		0

PCBs Laboratory Results Summary

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Sum of Result		Units	Run														
		ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
PCB 126 (BZ)	CONDENSATE	0.03	0	0	0.038	0	0	0	0	0.16	0	0	0				0.228
PCB 126 (BZ)	FH	0.27	0.09	0.081	0.39	0.062	0.038	3.1	0.31	0.43	0.16	0.29	0				5.221
PCB 127 (BZ)		**0.026**	**0.25**	**0**	**0.869**	**0**	**0**	**2.14**	**0.515**	**0.018**	**0**	**0**	**0**	**0**	**0**		**3.818**
PCB 127 (BZ)	BH	0	0.25	0	0.81	0	0	1.7	0.44	0	0	0	0				3.2
PCB 127 (BZ)	COMBINED													0	0		0
PCB 127 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.018	0	0	0				0.018
PCB 127 (BZ)	FH	0.026	0	0	0.059	0	0	0.44	0.075	0	0	0	0				0.6
PCB 128 (BZ)		**0.64**	**0.951**	**0.62**	**1.07**	**0.779**	**0.041**	**2.63**	**0.35**	**1.136**	**0.16**	**0.35**	**0**	**0**	**0**		**8.727**
PCB 128 (BZ)	BH	0.41	0.89	0.56	0.92	0.72	0	1.9	0	0.62	0	0.35	0				6.37
PCB 128 (BZ)	COMBINED													0	0		0
PCB 128 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.036	0	0	0				0.036
PCB 128 (BZ)	FH	0.23	0.061	0.06	0.15	0.059	0.041	0.73	0.35	0.48	0.16	0	0				2.321
PCB 129 (BZ)		**7.398**	**7.11**	**4.673**	**5.797**	**6.44**	**5.1**	**18.5**	**6.561**	**7.91**	**6.925**	**4.16**	**0.39**	**0**	**0**		**80.964**
PCB 129 (BZ)	BH	5.2	6.5	4.4	4.8	5.7	4.7	15	4.3	4.7	5.7	3.2	0.21				64.41
PCB 129 (BZ)	COMBINED													0	0		0
PCB 129 (BZ)	CONDENSATE	0.098	0	0.033	0.057	0	0	0	0.061	0.21	0.025	0.04	0				0.524
PCB 129 (BZ)	FH	2.1	0.61	0.24	0.94	0.74	0.4	3.5	2.2	3	1.2	0.92	0.18				16.03
PCB 13 (BZ)		**234.31**	**131.15**	**121.09**	**223.9**	**200.89**	**95.87**	**830.8**	**334.5**	**279**	**83.11**	**164.91**	**1.78**	**0.14**	**0**		**2701.45**
PCB 13 (BZ)	BH	230	130	120	220	200	95	800	330	270	82	160	1.2				2638.2
PCB 13 (BZ)	COMBINED													0.14	0		0.14
PCB 13 (BZ)	CONDENSATE	3.6	0.21	0.34	0.5	0	0.17	0.8	1	6.8	0.11	0.51	0.14				14.18
PCB 13 (BZ)	FH	0.71	0.94	0.75	3.4	0.89	0.7	30	3.5	2.2	1	4.4	0.44				48.93
PCB 130 (BZ)		**0.34**	**1.2**	**0**	**0.99**	**0**	**0**	**2.22**	**0.76**	**0.179**	**0.393**	**0**	**0**	**0**	**0**		**6.082**
PCB 130 (BZ)	BH	0	1.2	0	0.87	0	0	1.8	0.55	0	0.31	0	0				4.73
PCB 130 (BZ)	COMBINED													0	0		0
PCB 130 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.019	0	0	0				0.019
PCB 130 (BZ)	FH	0.34	0	0	0.12	0	0	0.42	0.21	0.16	0.083	0	0				1.333
PCB 131 (BZ)		**0**	**0**	**0**	**0.678**	**0**	**0**	**0.18**	**0.069**	**0**	**0**	**0**	**0**	**0**	**0**		**0.927**
PCB 131 (BZ)	BH	0	0	0	0.63	0	0	0	0	0	0	0	0				0.63
PCB 131 (BZ)	COMBINED													0	0		0
PCB 131 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 131 (BZ)	FH	0	0	0	0.048	0	0	0.18	0.069	0	0	0	0				0.297
PCB 132 (BZ)		**1.3**	**2.34**	**1.3**	**1.68**	**1.27**	**1.93**	**4**	**1.23**	**1.1**	**1.71**	**1.4**	**0.212**	**0**	**0**		**19.472**
PCB 132 (BZ)	BH	0.65	2.1	1.2	1.4	1.1	1.8	3.2	0.6	0	1.3	1.4	0.14				14.89
PCB 132 (BZ)	COMBINED													0	0		0
PCB 132 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 132 (BZ)	FH	0.65	0.24	0.1	0.28	0.17	0.13	0.8	0.63	1.1	0.41	0	0.072				4.582
PCB 133 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.041**	**0**	**0.041**	**0**	**0**	**0**	**0**		**0.082**
PCB 133 (BZ)	BH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 133 (BZ)	COMBINED													0	0		0
PCB 133 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 133 (BZ)	FH	0	0	0	0	0	0	0	0.041	0	0.041	0	0				0.082
PCB 134 (BZ)		**0.095**	**0**	**0**	**0.39**	**0.039**	**0**	**1.24**	**0.19**	**0.23**	**0.066**	**0**	**0**	**0**	**0**		**2.25**
PCB 134 (BZ)	BH	0	0	0	0.33	0	0	0.94	0	0	0	0	0				1.27
PCB 134 (BZ)	COMBINED													0	0		0
PCB 134 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 134 (BZ)	FH	0.095	0	0	0.06	0.039	0	0.3	0.19	0.23	0.066	0	0				0.98
PCB 135 (BZ)		**1.2**	**2.62**	**1.4**	**1.51**	**0.17**	**1.7**	**2.72**	**0.65**	**0.94**	**2.27**	**1.5**	**0.084**	**0**	**0**		**16.764**
PCB 135 (BZ)	BH	0.79	2.5	1.4	1.2	0	1.7	2.1	0	0	2	1.5	0				13.19
PCB 135 (BZ)	COMBINED													0	0		0
PCB 135 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 135 (BZ)	FH	0.41	0.12	0	0.31	0.17	0	0.62	0.65	0.94	0.27	0	0.084				3.574
PCB 136 (BZ)		**0.27**	**1.082**	**0.86**	**0.094**	**0.52**	**0.742**	**1.92**	**0.28**	**0.35**	**0.74**	**0**	**0.026**	**0**	**0**		**6.884**
PCB 136 (BZ)	BH	0	1	0.86	0	0.52	0.68	1.6	0	0	0.6	0	0				5.26
PCB 136 (BZ)	COMBINED													0	0		0
PCB 136 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 136 (BZ)	FH	0.27	0.082	0	0.094	0	0.062	0.32	0.28	0.35	0.14	0	0.026				1.624
PCB 137 (BZ)		**4.627**	**0.88**	**0.823**	**0.825**	**2.19**	**1.2**	**5.68**	**2.49**	**1.497**	**1.17**	**1.2**	**0**	**0**	**0**		**22.582**
PCB 137 (BZ)	BH	4.3	0.88	0.78	0.73	1.9	1.2	4.8	2.1	1.2	0.98	1.2	0				20.07
PCB 137 (BZ)	COMBINED													0	0		0
PCB 137 (BZ)	CONDENSATE	0.027	0	0	0	0	0	0	0	0.037	0	0	0				0.064

PCBs Laboratory Results Summary

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Sum of Result		Units	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	Run	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
PCB 137 (BZ)	FH		0.3	0	0.043	0.095	0.29	0	0.88	0.39	0.26	0.19	0	0				2.448
PCB 138 (BZ)			**7.398**	**7.11**	**4.673**	**5.797**	**6.44**	**5.1**	**18.5**	**6.561**	**7.91**	**6.925**	**4.16**	**0.39**	**0**	**0**		**80.964**
PCB 138 (BZ)	BH		5.2	6.5	4.4	4.8	5.7	4.7	15	4.3	4.7	5.7	3.2	0.21				64.41
PCB 138 (BZ)	COMBINED														0	0		0
PCB 138 (BZ)	CONDENSATE		0.098	0	0.033	0.057	0	0	0	0.061	0.21	0.025	0.04	0				0.524
PCB 138 (BZ)	FH		2.1	0.61	0.24	0.94	0.74	0.4	3.5	2.2	3	1.2	0.92	0.18				16.03
PCB 139 (BZ)			**0**	**0.26**	**0**	**0.025**	**0**	**0**	**0.15**	**0**	**0.096**	**0**	**0**	**0**	**0**	**0**		**0.531**
PCB 139 (BZ)	BH		0	0.26	0	0	0	0	0	0	0	0	0	0				0.26
PCB 139 (BZ)	COMBINED														0	0		0
PCB 139 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 139 (BZ)	FH		0	0	0	0.025	0	0	0.15	0	0.096	0	0	0				0.271
PCB 14 (BZ)			**30.475**	**17.071**	**18.064**	**30.2**	**29.12**	**12.114**	**92.045**	**44.36**	**34.1**	**12.12**	**22.52**	**0.172**	**0**	**0**		**342.361**
PCB 14 (BZ)	BH		30	17	18	30	29	12	90	44	33	12	22	0.12				337.12
PCB 14 (BZ)	COMBINED														0	0		0
PCB 14 (BZ)	CONDENSATE		0.41	0	0	0	0	0.031	0.045	0.12	0.86	0.028	0.04	0				1.534
PCB 14 (BZ)	FH		0.065	0.071	0.064	0.2	0.12	0.083	2	0.24	0.24	0.092	0.48	0.052				3.707
PCB 140 (BZ)			**0**	**0.26**	**0**	**0.025**	**0**	**0**	**0.15**	**0**	**0.096**	**0**	**0**	**0**	**0**	**0**		**0.531**
PCB 140 (BZ)	BH		0	0.26	0	0	0	0	0	0	0	0	0	0				0.26
PCB 140 (BZ)	COMBINED														0	0		0
PCB 140 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 140 (BZ)	FH		0	0	0	0.025	0	0	0.15	0	0.096	0	0	0				0.271
PCB 141 (BZ)			**9.18**	**4.1**	**3.62**	**2.49**	**7.62**	**4.06**	**8.3**	**2.22**	**2.88**	**2.81**	**0.48**	**0.108**	**0**	**0**		**47.868**
PCB 141 (BZ)	BH		8.6	3.9	3.5	2.3	7.4	3.9	7.2	1.7	2.1	2.5	0.48	0.062				43.642
PCB 141 (BZ)	COMBINED														0	0		0
PCB 141 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.11	0	0	0				0.11
PCB 141 (BZ)	FH		0.58	0.2	0.12	0.19	0.22	0.16	1.1	0.52	0.67	0.31	0	0.046				4.116
PCB 142 (BZ)			**0**	**0**	**0**	**0.908**	**0**	**0**	**0.15**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**1.058**
PCB 142 (BZ)	BH		0	0	0	0.87	0	0	0	0	0	0	0	0				0.87
PCB 142 (BZ)	COMBINED														0	0		0
PCB 142 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 142 (BZ)	FH		0	0	0	0.038	0	0	0.15	0	0	0	0	0				0.188
PCB 143 (BZ)			**0.095**	**0**	**0**	**0.39**	**0.039**	**0**	**1.24**	**0.19**	**0.23**	**0.066**	**0**	**0**	**0**	**0**		**2.25**
PCB 143 (BZ)	BH		0	0	0	0.33	0	0	0.94	0	0	0	0	0				1.27
PCB 143 (BZ)	COMBINED														0	0		0
PCB 143 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 143 (BZ)	FH		0.095	0	0	0.06	0.039	0	0.3	0.19	0.23	0.066	0	0				0.98
PCB 144 (BZ)			**0**	**0**	**0**	**0.036**	**0**	**0**	**0.1**	**0.11**	**0.11**	**0**	**0**	**0**	**0**	**0**		**0.356**
PCB 144 (BZ)	BH		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 144 (BZ)	COMBINED														0	0		0
PCB 144 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 144 (BZ)	FH		0	0	0	0.036	0	0	0.1	0.11	0.11	0	0	0				0.356
PCB 145 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**
PCB 145 (BZ)	BH		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 145 (BZ)	COMBINED														0	0		0
PCB 145 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 145 (BZ)	FH		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 146 (BZ)			**3.17**	**1.054**	**1.3**	**1.02**	**2.21**	**1.992**	**0.74**	**1.36**	**1.93**	**2.25**	**0.64**	**0**	**0**	**0**		**17.666**
PCB 146 (BZ)	BH		2.8	0.96	1.3	0.85	2.1	1.9	0	1	1.5	2	0.64	0				15.05
PCB 146 (BZ)	COMBINED														0	0		0
PCB 146 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 146 (BZ)	FH		0.37	0.094	0	0.17	0.11	0.092	0.74	0.36	0.43	0.25	0	0				2.616
PCB 147 (BZ)			**3.428**	**6.85**	**3.119**	**3.782**	**2.43**	**4.71**	**8.032**	**3.1**	**3.491**	**4.164**	**3.764**	**0.46**	**0**	**0**		**47.33**
PCB 147 (BZ)	BH		2.2	6.3	2.9	3.1	1.9	4.4	6.3	1.5	1.3	3.3	2.9	0.3				36.4
PCB 147 (BZ)	COMBINED														0	0		0
PCB 147 (BZ)	CONDENSATE		0.028	0	0.019	0.032	0	0	0.032	0	0.091	0.024	0.044	0				0.27
PCB 147 (BZ)	FH		1.2	0.55	0.2	0.65	0.53	0.31	1.7	1.6	2.1	0.84	0.82	0.16				10.66
PCB 148 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**
PCB 148 (BZ)	BH		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 148 (BZ)	COMBINED														0	0		0
PCB 148 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 148 (BZ)	FH		0	0	0	0	0	0	0	0	0	0	0	0				0

PCBs Laboratory Results Summary

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Sum of Result		Units	Run														
		ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
PCB 149 (BZ)		**3.428**	**6.85**	**3.119**	**3.782**	**2.43**	**4.71**	**8.032**	**3.1**	**3.491**	**4.164**	**3.764**	**0.46**	**0**	**0**		**47.33**
PCB 149 (BZ)	BH	2.2	6.3	2.9	3.1	1.9	4.4	6.3	1.5	1.3	3.3	2.9	0.3				36.4
PCB 149 (BZ)	COMBINED													0	0		0
PCB 149 (BZ)	CONDENSATE	0.028	0	0.019	0.032	0	0	0.032	0	0.091	0.024	0.044	0				0.27
PCB 149 (BZ)	FH	1.2	0.55	0.2	0.65	0.53	0.31	1.7	1.6	2.1	0.84	0.82	0.16				10.66
PCB 15 (BZ)		**39.8**	**31.586**	**24.3**	**34.88**	**27.1**	**24.95**	**138.11**	**77.6**	**47.93**	**21.793**	**34.384**	**2.2**	**0.064**	**0**		**504.697**
PCB 15 (BZ)	BH	37	29	23	31	26	24	130	75	45	21	33	1.1				475.1
PCB 15 (BZ)	COMBINED													0.064	0		0.064
PCB 15 (BZ)	CONDENSATE	0.5	0.086	0	0.18	0	0	0.11	0.2	0.93	0.033	0.084	0				2.123
PCB 15 (BZ)	FH	2.3	2.5	1.3	3.7	1.1	0.95	8	2.4	2	0.76	1.3	1.1				27.41
PCB 150 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**
PCB 150 (BZ)	BH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 150 (BZ)	COMBINED													0	0		0
PCB 150 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 150 (BZ)	FH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 151 (BZ)		**1.2**	**2.62**	**1.4**	**1.51**	**0.17**	**1.7**	**2.72**	**0.65**	**0.94**	**2.27**	**1.5**	**0.084**	**0**	**0**		**16.764**
PCB 151 (BZ)	BH	0.79	2.5	1.4	1.2	0	1.7	2.1	0	0	2	1.5	0				13.19
PCB 151 (BZ)	COMBINED													0	0		0
PCB 151 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 151 (BZ)	FH	0.41	0.12	0	0.31	0.17	0	0.62	0.65	0.94	0.27	0	0.084				3.574
PCB 152 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**
PCB 152 (BZ)	BH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 152 (BZ)	COMBINED													0	0		0
PCB 152 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 152 (BZ)	FH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 153 (BZ)		**12.841**	**6.55**	**4.074**	**3.543**	**4.28**	**5.539**	**12.431**	**5.026**	**5.34**	**5.63**	**4.014**	**0.34**	**0**	**0**		**69.608**
PCB 153 (BZ)	BH	11	6.1	3.8	2.8	3.8	5.2	9.7	3.2	3.1	4.5	3.4	0.21				56.81
PCB 153 (BZ)	COMBINED													0	0		0
PCB 153 (BZ)	CONDENSATE	0.041	0	0.014	0.063	0	0.019	0.031	0.026	0.14	0.03	0.024	0				0.388
PCB 153 (BZ)	FH	1.8	0.45	0.26	0.68	0.48	0.32	2.7	1.8	2.1	1.1	0.59	0.13				12.41
PCB 154 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0.552**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0.552**
PCB 154 (BZ)	BH	0	0	0	0	0	0	0.51	0	0	0	0	0				0.51
PCB 154 (BZ)	COMBINED													0	0		0
PCB 154 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 154 (BZ)	FH	0	0	0	0	0	0	0.042	0	0	0	0	0				0.042
PCB 155 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**
PCB 155 (BZ)	BH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 155 (BZ)	COMBINED													0	0		0
PCB 155 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 155 (BZ)	FH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 156 (BZ)		**1.48**	**1.246**	**1.461**	**3.18**	**1.23**	**1.246**	**9.6**	**1.88**	**2.61**	**1.22**	**1.5**	**0.064**	**0**	**0**		**26.717**
PCB 156 (BZ)	BH	1.3	1.2	1.4	2.8	1.1	1.2	7.1	1.4	2	1	1.1	0.064				21.664
PCB 156 (BZ)	COMBINED													0	0		0
PCB 156 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.1	0	0	0				0.1
PCB 156 (BZ)	FH	0.18	0.046	0.061	0.38	0.13	0.046	2.5	0.48	0.51	0.22	0.4	0				4.953
PCB 157 (BZ)		**1.48**	**1.246**	**1.461**	**3.18**	**1.23**	**1.246**	**9.6**	**1.88**	**2.61**	**1.22**	**1.5**	**0.064**	**0**	**0**		**26.717**
PCB 157 (BZ)	BH	1.3	1.2	1.4	2.8	1.1	1.2	7.1	1.4	2	1	1.1	0.064				21.664
PCB 157 (BZ)	COMBINED													0	0		0
PCB 157 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.1	0	0	0				0.1
PCB 157 (BZ)	FH	0.18	0.046	0.061	0.38	0.13	0.046	2.5	0.48	0.51	0.22	0.4	0				4.953
PCB 158 (BZ)		**0.94**	**0.7**	**0.527**	**0.75**	**0.727**	**0.665**	**3.62**	**0.27**	**1.377**	**0.13**	**0.57**	**0.03**	**0**	**0**		**10.306**
PCB 158 (BZ)	BH	0.77	0.65	0.49	0.66	0.64	0.6	3	0	1	0	0.57	0				8.38
PCB 158 (BZ)	COMBINED													0	0		0
PCB 158 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.027	0	0	0				0.027
PCB 158 (BZ)	FH	0.17	0.05	0.037	0.09	0.087	0.065	0.62	0.27	0.35	0.13	0	0.03				1.899
PCB 159 (BZ)		**0**	**0**	**0**	**0.627**	**0**	**0**	**0.72**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**1.347**
PCB 159 (BZ)	BH	0	0	0	0.59	0	0	0.53	0	0	0	0	0				1.12
PCB 159 (BZ)	COMBINED													0	0		0
PCB 159 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 159 (BZ)	FH	0	0	0	0.037	0	0	0.19	0	0	0	0	0				0.227
PCB 16 (BZ)		**7.54**	**17**	**9.89**	**10.3**	**8.76**	**6.65**	**19.5**	**7.5**	**9.11**	**5.89**	**5.8**	**1.85**	**0**	**0**		**109.79**

PCBs Laboratory Results Summary

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Sum of Result		Units	Run														
		ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
PCB 16 (BZ)	BH	5.8	15	9.3	8.3	7.9	6	17	5.9	7.4	5.2	5	1				93.8
PCB 16 (BZ)	COMBINED													0	0		0
PCB 16 (BZ)	CONDENSATE	0.14	0	0	0	0	0	0	0	0.21	0	0	0				0.35
PCB 16 (BZ)	FH	1.6	2	0.59	2	0.86	0.65	2.5	1.6	1.5	0.69	0.8	0.85				15.64
PCB 160 (BZ)		**7.398**	**7.11**	**4.673**	**5.797**	**6.44**	**5.1**	**18.5**	**6.561**	**7.91**	**6.925**	**4.16**	**0.39**	**0**	**0**		**80.964**
PCB 160 (BZ)	BH	5.2	6.5	4.4	4.8	5.7	4.7	15	4.3	4.7	5.7	3.2	0.21				64.41
PCB 160 (BZ)	COMBINED													0	0		0
PCB 160 (BZ)	CONDENSATE	0.098	0	0.033	0.057	0	0	0	0.061	0.21	0.025	0.04	0				0.524
PCB 160 (BZ)	FH	2.1	0.61	0.24	0.94	0.74	0.4	3.5	2.2	3	1.2	0.92	0.18				16.03
PCB 161 (BZ)		**0.053**	**0**	**0**	**0**	**0**	**0**	**3.3**	**0**	**0.052**	**0**	**0**	**0**	**0**	**0**		**3.405**
PCB 161 (BZ)	BH	0	0	0	0	0	0	3.3	0	0	0	0	0				3.3
PCB 161 (BZ)	COMBINED													0	0		0
PCB 161 (BZ)	CONDENSATE	0.053	0	0	0	0	0	0	0	0.052	0	0	0				0.105
PCB 161 (BZ)	FH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 162 (BZ)		**0**	**0.14**	**0**	**0.46**	**0**	**0**	**1.36**	**0.033**	**0.018**	**0**	**0**	**0**	**0**	**0**		**2.011**
PCB 162 (BZ)	BH	0	0.14	0	0.46	0	0	1.1	0	0	0	0	0				1.7
PCB 162 (BZ)	COMBINED													0	0		0
PCB 162 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.018	0	0	0				0.018
PCB 162 (BZ)	FH	0	0	0	0	0	0	0.26	0.033	0	0	0	0				0.293
PCB 163 (BZ)		**7.398**	**7.11**	**4.673**	**5.797**	**6.44**	**5.1**	**18.5**	**6.561**	**7.91**	**6.925**	**4.16**	**0.39**	**0**	**0**		**80.964**
PCB 163 (BZ)	BH	5.2	6.5	4.4	4.8	5.7	4.7	15	4.3	4.7	5.7	3.2	0.21				64.41
PCB 163 (BZ)	COMBINED													0	0		0
PCB 163 (BZ)	CONDENSATE	0.098	0	0.033	0.057	0	0	0	0.061	0.21	0.025	0.04	0				0.524
PCB 163 (BZ)	FH	2.1	0.61	0.24	0.94	0.74	0.4	3.5	2.2	3	1.2	0.92	0.18				16.03
PCB 164 (BZ)		**1.26**	**1.23**	**0.47**	**0.46**	**0.974**	**1.241**	**3.12**	**0.92**	**1.08**	**0.757**	**0.43**	**0**	**0**	**0**		**11.942**
PCB 164 (BZ)	BH	1.2	1.2	0.44	0.36	0.9	1.2	2.6	0.63	0.85	0.67	0.43	0				10.48
PCB 164 (BZ)	COMBINED													0	0		0
PCB 164 (BZ)	CONDENSATE	0.017	0	0	0	0	0	0	0	0.02	0	0	0				0.037
PCB 164 (BZ)	FH	0.043	0.03	0.03	0.1	0.074	0.041	0.52	0.29	0.21	0.087	0	0				1.425
PCB 165 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**
PCB 165 (BZ)	BH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 165 (BZ)	COMBINED													0	0		0
PCB 165 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 165 (BZ)	FH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 166 (BZ)		**0.64**	**0.951**	**0.62**	**1.07**	**0.779**	**0.041**	**2.63**	**0.35**	**1.136**	**0.16**	**0.35**	**0**	**0**	**0**		**8.727**
PCB 166 (BZ)	BH	0.41	0.89	0.56	0.92	0.72	0	1.9	0	0.62	0	0.35	0				6.37
PCB 166 (BZ)	COMBINED													0	0		0
PCB 166 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.036	0	0	0				0.036
PCB 166 (BZ)	FH	0.23	0.061	0.06	0.15	0.059	0.041	0.73	0.35	0.48	0.16	0	0				2.321
PCB 167 (BZ)		**0.379**	**0.438**	**0**	**0.562**	**0.051**	**0**	**2**	**0.1**	**0.155**	**0.075**	**0**	**0**	**0**	**0**		**3.76**
PCB 167 (BZ)	BH	0.31	0.4	0	0.51	0	0	1.5	0	0	0	0	0				2.72
PCB 167 (BZ)	COMBINED													0	0		0
PCB 167 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.025	0	0	0				0.025
PCB 167 (BZ)	FH	0.069	0.038	0	0.052	0.051	0	0.5	0.1	0.13	0.075	0	0				1.015
PCB 168 (BZ)		**12.841**	**6.55**	**4.074**	**3.543**	**4.28**	**5.539**	**12.431**	**5.026**	**5.34**	**5.63**	**4.014**	**0.34**	**0**	**0**		**69.608**
PCB 168 (BZ)	BH	11	6.1	3.8	2.8	3.8	5.2	9.7	3.2	3.1	4.5	3.4	0.21				56.81
PCB 168 (BZ)	COMBINED													0	0		0
PCB 168 (BZ)	CONDENSATE	0.041	0	0.014	0.063	0	0.019	0.031	0.026	0.14	0.03	0.024	0				0.388
PCB 168 (BZ)	FH	1.8	0.45	0.26	0.68	0.48	0.32	2.7	1.8	2.1	1.1	0.59	0.13				12.41
PCB 169 (BZ)		**0.508**	**0**	**0.46**	**1.15**	**0.585**	**0**	**3**	**0.2**	**1.251**	**0.083**	**0.32**	**0**	**0**	**0**		**7.557**
PCB 169 (BZ)	BH	0.43	0	0.46	0.99	0.49	0	1.7	0	1	0	0.32	0				5.39
PCB 169 (BZ)	COMBINED													0	0		0
PCB 169 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.011	0	0	0				0.011
PCB 169 (BZ)	FH	0.078	0	0	0.16	0.095	0	1.3	0.2	0.24	0.083	0	0				2.156
PCB 17 (BZ)		**7.2**	**14.4**	**8.42**	**8.2**	**5.2**	**5.655**	**15.6**	**7.2**	**5.84**	**4.4**	**5.37**	**2.4**	**0**	**0**		**89.885**
PCB 17 (BZ)	BH	5.7	12	7.7	5.6	4.2	4.8	13	5.5	4.3	3.7	4.6	1.3				72.4
PCB 17 (BZ)	COMBINED													0	0		0
PCB 17 (BZ)	CONDENSATE	0.1	0	0	0	0	0.035	0	0	0.14	0	0	0				0.275
PCB 17 (BZ)	FH	1.4	2.4	0.72	2.6	1	0.82	2.6	1.7	1.4	0.7	0.77	1.1				17.21
PCB 170 (BZ)		**2.21**	**0.694**	**0**	**2.17**	**0.56**	**0.46**	**6.2**	**1.24**	**0.317**	**0.13**	**0.95**	**0**	**0**	**0**		**14.931**
PCB 170 (BZ)	BH	1.5	0.62	0	1.9	0.46	0.46	4	0.91	0	0	0.95	0				10.8

PCBs Laboratory Results Summary

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Sum of Result		Units	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	Run	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
PCB 170 (BZ)	COMBINED														0	0	0	
PCB 170 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.037	0	0	0			0.037	
PCB 170 (BZ)	FH		0.71	0.074	0	0.27	0.1	0	2.2	0.33	0.28	0.13	0	0			4.094	
PCB 171 (BZ)			**0.47**	**0**	**0.31**	**1.479**	**0**	**0**	**3.2**	**0.85**	**0.192**	**0**	**0**	**0**	**0**	**0**	**6.501**	
PCB 171 (BZ)	BH		0.34	0	0.31	1.4	0	0	2.6	0.68	0	0	0	0			5.33	
PCB 171 (BZ)	COMBINED														0	0	0	
PCB 171 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.042	0	0	0			0.042	
PCB 171 (BZ)	FH		0.13	0	0	0.079	0	0	0.6	0.17	0.15	0	0	0			1.129	
PCB 172 (BZ)			**0**	**0**	**0**	**0.746**	**0**	**0**	**1.36**	**0.082**	**0**	**0.06**	**0**	**0**	**0**	**0**	**2.248**	
PCB 172 (BZ)	BH		0	0	0	0.69	0	0	0.92	0	0	0	0	0			1.61	
PCB 172 (BZ)	COMBINED														0	0	0	
PCB 172 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0	
PCB 172 (BZ)	FH		0	0	0	0.056	0	0	0.44	0.082	0	0.06	0	0			0.638	
PCB 173 (BZ)			**0.47**	**0**	**0.31**	**1.479**	**0**	**0**	**3.2**	**0.85**	**0.192**	**0**	**0**	**0**	**0**	**0**	**6.501**	
PCB 173 (BZ)	BH		0.34	0	0.31	1.4	0	0	2.6	0.68	0	0	0	0			5.33	
PCB 173 (BZ)	COMBINED														0	0	0	
PCB 173 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.042	0	0	0			0.042	
PCB 173 (BZ)	FH		0.13	0	0	0.079	0	0	0.6	0.17	0.15	0	0	0			1.129	
PCB 174 (BZ)			**0.5**	**0.709**	**0**	**1.1**	**0.598**	**0**	**1.98**	**0.25**	**0.25**	**0.15**	**0**	**0**	**0**	**0**	**5.537**	
PCB 174 (BZ)	BH		0	0.62	0	0.97	0.5	0	1.6	0	0	0	0	0			3.69	
PCB 174 (BZ)	COMBINED														0	0	0	
PCB 174 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0	
PCB 174 (BZ)	FH		0.5	0.089	0	0.13	0.098	0	0.38	0.25	0.25	0.15	0	0			1.847	
PCB 175 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**0.62**	**0**	**0.043**	**0**	**0**	**0**	**0**	**0**	**0.663**	
PCB 175 (BZ)	BH		0	0	0	0	0	0	0.56	0	0	0	0	0			0.56	
PCB 175 (BZ)	COMBINED														0	0	0	
PCB 175 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0	
PCB 175 (BZ)	FH		0	0	0	0	0	0	0.06	0	0.043	0	0	0			0.103	
PCB 176 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**0.7**	**0.288**	**0**	**0**	**0**	**0**	**0**	**0**	**0.988**	
PCB 176 (BZ)	BH		0	0	0	0	0	0	0.56	0.22	0	0	0	0			0.78	
PCB 176 (BZ)	COMBINED														0	0	0	
PCB 176 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0	
PCB 176 (BZ)	FH		0	0	0	0	0	0	0.14	0.068	0	0	0	0			0.208	
PCB 177 (BZ)			**0.15**	**0.49**	**0**	**0.068**	**0.03**	**0**	**1.2**	**0.14**	**0.17**	**0.096**	**0**	**0**	**0**	**0**	**2.344**	
PCB 177 (BZ)	BH		0	0.49	0	0	0	0	0.97	0	0	0	0	0			1.46	
PCB 177 (BZ)	COMBINED														0	0	0	
PCB 177 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0	
PCB 177 (BZ)	FH		0.15	0	0	0.068	0.03	0	0.23	0.14	0.17	0.096	0	0			0.884	
PCB 178 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**0.077**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.077**	
PCB 178 (BZ)	BH		0	0	0	0	0	0	0	0	0	0	0	0			0	
PCB 178 (BZ)	COMBINED														0	0	0	
PCB 178 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0	
PCB 178 (BZ)	FH		0	0	0	0	0	0	0.077	0	0	0	0	0			0.077	
PCB 179 (BZ)			**0.23**	**0.631**	**0**	**0.462**	**0.04**	**0.48**	**0.84**	**0.43**	**0.15**	**0.11**	**0**	**0.029**	**0**	**0**	**3.402**	
PCB 179 (BZ)	BH		0	0.6	0	0.39	0	0.48	0.63	0.28	0	0	0	0			2.38	
PCB 179 (BZ)	COMBINED														0	0	0	
PCB 179 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0	
PCB 179 (BZ)	FH		0.23	0.031	0	0.072	0.04	0	0.21	0.15	0.15	0.11	0	0.029			1.022	
PCB 18 (BZ)			**13.55**	**30.8**	**14.2**	**14**	**11.276**	**11.194**	**28.039**	**12.24**	**10.5**	**9.863**	**9.177**	**4.885**	**0.059**	**0**	**169.783**	
PCB 18 (BZ)	BH		10	26	13	8.9	9.2	9.6	23	8.8	7.3	8.5	7.5	2.6			134.4	
PCB 18 (BZ)	COMBINED														0.059	0	0.059	
PCB 18 (BZ)	CONDENSATE		0.15	0	0	0	0.076	0.094	0.039	0.14	0.3	0.063	0.077	0.085			1.024	
PCB 18 (BZ)	FH		3.4	4.8	1.2	5.1	2	1.5	5	3.3	2.9	1.3	1.6	2.2			34.3	
PCB 180 (BZ)			**1.94**	**1.83**	**0.036**	**1.34**	**0.9**	**0.697**	**4.2**	**1.19**	**1.435**	**1.18**	**0.68**	**0.113**	**0**	**0**	**15.541**	
PCB 180 (BZ)	BH		1	1.7	0	1.1	0.79	0.64	3	0.75	1	0.91	0.68	0.069			11.639	
PCB 180 (BZ)	COMBINED														0	0	0	
PCB 180 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.035	0	0	0			0.035	
PCB 180 (BZ)	FH		0.94	0.13	0.036	0.24	0.11	0.057	1.2	0.44	0.4	0.27	0	0.044			3.867	
PCB 181 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**0.052**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.052**	
PCB 181 (BZ)	BH		0	0	0	0	0	0	0	0	0	0	0	0			0	
PCB 181 (BZ)	COMBINED														0	0	0	

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Sum of Result		Units	Run														
		ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
PCB 181 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 181 (BZ)	FH	0	0	0	0	0	0	0.052	0	0	0	0	0				0.052
PCB 182 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0.067**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0.067**
PCB 182 (BZ)	BH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 182 (BZ)	COMBINED													0	0		0
PCB 182 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 182 (BZ)	FH	0	0	0	0	0	0	0.067	0	0	0	0	0				0.067
PCB 183 (BZ)		**0.3**	**0.043**	**0**	**0.63**	**0.066**	**0.52**	**0.5**	**0.26**	**0.79**	**0.2**	**0**	**0.027**	**0**	**0**		**3.336**
PCB 183 (BZ)	BH	0	0	0	0.6	0	0.52	0	0	0.38	0	0	0				1.5
PCB 183 (BZ)	COMBINED													0	0		0
PCB 183 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 183 (BZ)	FH	0.3	0.043	0	0.03	0.066	0	0.5	0.26	0.41	0.2	0	0.027				1.836
PCB 184 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**1.37**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**1.37**
PCB 184 (BZ)	BH	0	0	0	0	0	0	1.2	0	0	0	0	0				1.2
PCB 184 (BZ)	COMBINED													0	0		0
PCB 184 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 184 (BZ)	FH	0	0	0	0	0	0	0.17	0	0	0	0	0				0.17
PCB 185 (BZ)		**0.3**	**0.043**	**0**	**0.63**	**0.066**	**0.52**	**0.5**	**0.26**	**0.79**	**0.2**	**0**	**0.027**	**0**	**0**		**3.336**
PCB 185 (BZ)	BH	0	0	0	0.6	0	0.52	0	0	0.38	0	0	0				1.5
PCB 185 (BZ)	COMBINED													0	0		0
PCB 185 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 185 (BZ)	FH	0.3	0.043	0	0.03	0.066	0	0.5	0.26	0.41	0.2	0	0.027				1.836
PCB 186 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**
PCB 186 (BZ)	BH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 186 (BZ)	COMBINED													0	0		0
PCB 186 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 186 (BZ)	FH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 187 (BZ)		**0.91**	**1.3**	**0.54**	**1.32**	**0.265**	**0.057**	**1.32**	**0.54**	**0.45**	**0.98**	**0.37**	**0.032**	**0**	**0**		**8.084**
PCB 187 (BZ)	BH	0.33	1.2	0.54	1.1	0.18	0	0.84	0	0	0.76	0.37	0				5.32
PCB 187 (BZ)	COMBINED													0	0		0
PCB 187 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 187 (BZ)	FH	0.58	0.1	0	0.22	0.085	0.057	0.48	0.54	0.45	0.22	0	0.032				2.764
PCB 188 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**
PCB 188 (BZ)	BH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 188 (BZ)	COMBINED													0	0		0
PCB 188 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 188 (BZ)	FH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 189 (BZ)		**0.043**	**0.032**	**0.48**	**1.47**	**0.514**	**0**	**3.2**	**0.25**	**0.679**	**0.15**	**0**	**0**	**0**	**0**		**6.818**
PCB 189 (BZ)	BH	0	0	0.48	1.3	0.47	0	1.7	0	0.47	0	0	0				4.42
PCB 189 (BZ)	COMBINED													0	0		0
PCB 189 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.029	0	0	0				0.029
PCB 189 (BZ)	FH	0.043	0.032	0	0.17	0.044	0	1.5	0.25	0.18	0.15	0	0				2.369
PCB 19 (BZ)		**0.226**	**3.17**	**1.4**	**1.72**	**0.953**	**1.55**	**3.27**	**0.91**	**1.42**	**1.55**	**1.17**	**0.35**	**0**	**0**		**17.689**
PCB 19 (BZ)	BH	0	2.8	1.3	1.2	0.86	1.4	2.8	0.67	1.2	1.4	1	0.16				14.79
PCB 19 (BZ)	COMBINED													0	0		0
PCB 19 (BZ)	CONDENSATE	0.046	0	0	0	0	0	0	0	0	0	0	0				0.046
PCB 19 (BZ)	FH	0.18	0.37	0.1	0.52	0.093	0.15	0.47	0.24	0.22	0.15	0.17	0.19				2.853
PCB 190 (BZ)		**0.38**	**0.41**	**0**	**0.663**	**0**	**0**	**2.63**	**0.083**	**0.14**	**0.056**	**0**	**0**	**0**	**0**		**4.362**
PCB 190 (BZ)	BH	0.38	0.38	0	0.6	0	0	1.8	0	0	0	0	0				3.16
PCB 190 (BZ)	COMBINED													0	0		0
PCB 190 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 190 (BZ)	FH	0	0.03	0	0.063	0	0	0.83	0.083	0.14	0.056	0	0				1.202
PCB 191 (BZ)		**1.79**	**0.31**	**0**	**0.765**	**0.83**	**0**	**2.45**	**0.15**	**0.752**	**0.23**	**0**	**0**	**0**	**0**		**7.277**
PCB 191 (BZ)	BH	1.5	0.31	0	0.67	0.83	0	1.7	0	0.64	0.23	0	0				5.88
PCB 191 (BZ)	COMBINED													0	0		0
PCB 191 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.026	0	0	0				0.026
PCB 191 (BZ)	FH	0.29	0	0	0.095	0	0	0.75	0.15	0.086	0	0	0				1.371
PCB 192 (BZ)		**0.63**	**0**	**0**	**0**	**0**	**0**	**1.21**	**0.056**	**0**	**0**	**0**	**0**	**0**	**0**		**1.896**
PCB 192 (BZ)	BH	0.63	0	0	0	0	0	0.99	0	0	0	0	0				1.62
PCB 192 (BZ)	COMBINED													0	0		0
PCB 192 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0

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Sum of Result		Units	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	Run	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
PCB 192 (BZ)	FH		0	0	0	0	0	0	0.22	0.056	0	0	0	0			0.276
PCB 193 (BZ)			**1.94**	**1.83**	**0.036**	**1.34**	**0.9**	**0.697**	**4.2**	**1.19**	**1.435**	**1.18**	**0.68**	**0.113**	**0**	**0**	**15.541**
PCB 193 (BZ)	BH		1	1.7	0	1.1	0.79	0.64	3	0.75	1	0.91	0.68	0.069			11.639
PCB 193 (BZ)	COMBINED														0	0	0
PCB 193 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.035	0	0	0			0.035
PCB 193 (BZ)	FH		0.94	0.13	0.036	0.24	0.11	0.057	1.2	0.44	0.4	0.27	0	0.044			3.867
PCB 194 (BZ)			**0.37**	**0.503**	**0**	**1.62**	**0.067**	**0**	**2.9**	**0.26**	**0.42**	**0.65**	**0**	**0.04**	**0**	**0**	**6.83**
PCB 194 (BZ)	BH		0	0.46	0	1.4	0	0	1.3	0	0	0.36	0	0			3.52
PCB 194 (BZ)	COMBINED														0	0	0
PCB 194 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.02	0	0	0			0.02
PCB 194 (BZ)	FH		0.37	0.043	0	0.22	0.067	0	1.6	0.26	0.4	0.29	0	0.04			3.29
PCB 195 (BZ)			**0.11**	**0**	**0**	**1.32**	**0**	**0**	**1.37**	**0.13**	**0.19**	**0.14**	**0**	**0**	**0**	**0**	**3.26**
PCB 195 (BZ)	BH		0	0	0	1.2	0	0	0.61	0	0	0	0	0			1.81
PCB 195 (BZ)	COMBINED														0	0	0
PCB 195 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 195 (BZ)	FH		0.11	0	0	0.12	0	0	0.76	0.13	0.19	0.14	0	0			1.45
PCB 196 (BZ)			**0.098**	**0.58**	**0**	**0.098**	**0**	**0**	**1.99**	**0.16**	**0**	**0**	**0**	**0**	**0**	**0**	**2.926**
PCB 196 (BZ)	BH		0	0.58	0	0	0	0	1.4	0	0	0	0	0			1.98
PCB 196 (BZ)	COMBINED														0	0	0
PCB 196 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 196 (BZ)	FH		0.098	0	0	0.098	0	0	0.59	0.16	0	0	0	0			0.946
PCB 197 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**0.11**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.11**
PCB 197 (BZ)	BH		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 197 (BZ)	COMBINED														0	0	0
PCB 197 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 197 (BZ)	FH		0	0	0	0	0	0	0.11	0	0	0	0	0			0.11
PCB 198 (BZ)			**0.31**	**0.75**	**0**	**0.12**	**0**	**0**	**0.54**	**0.16**	**0**	**0.13**	**0**	**0**	**0**	**0**	**2.01**
PCB 198 (BZ)	BH		0	0.75	0	0	0	0	0	0	0	0	0	0			0.75
PCB 198 (BZ)	COMBINED														0	0	0
PCB 198 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 198 (BZ)	FH		0.31	0	0	0.12	0	0	0.54	0.16	0	0.13	0	0			1.26
PCB 199 (BZ)/200 (IUPAC)			**0**	**0**	**0**	**0.13**	**0**	**0**	**0.16**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.29**
PCB 199 (BZ)/200 (IUPAC)	BH		0	0	0	0.13	0	0	0	0	0	0	0	0			0.13
PCB 199 (BZ)/200 (IUPAC)	COMBINED														0	0	0
PCB 199 (BZ)/200 (IUPAC)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 199 (BZ)/200 (IUPAC)	FH		0	0	0	0	0	0	0.16	0	0	0	0	0			0.16
PCB 2 (BZ)			**1706.33**	**1001.2**	**710.77**	**1703.84**	**1401.26**	**511.43**	**4924.14**	**2003.6**	**1809.9**	**681.8**	**1409.12**	**2.682**	**0.12**	**0**	**17866.192**
PCB 2 (BZ)	BH		1700	1000	710	1700	1400	510	4900	2000	1800	680	1400	1.9			17801.9
PCB 2 (BZ)	COMBINED														0.12	0	0.12
PCB 2 (BZ)	CONDENSATE		5.7	0.2	0.19	0.24	0.26	0.13	0.14	0.5	6.2	0.1	0.32	0.062			14.042
PCB 2 (BZ)	FH		0.63	1	0.58	3.6	1	1.3	24	3.1	3.7	1.7	8.8	0.72			50.13
PCB 20 (BZ)			**25.08**	**50.286**	**26.21**	**26.19**	**20.7**	**23.356**	**55.71**	**26.85**	**20.83**	**19.175**	**20.74**	**5.538**	**0.065**	**0**	**320.73**
PCB 20 (BZ)	BH		19	44	24	19	18	21	47	21	15	17	18	2.7			265.7
PCB 20 (BZ)	COMBINED														0.065	0	0.065
PCB 20 (BZ)	CONDENSATE		0.48	0.086	0.11	0.19	0.1	0.056	0.11	0.15	0.53	0.075	0.14	0.038			2.065
PCB 20 (BZ)	FH		5.6	6.2	2.1	7	2.6	2.3	8.6	5.7	5.3	2.1	2.6	2.8			52.9
PCB 200 (BZ)/201 (IUPAC)			**0**	**0**	**0**	**0.042**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.142**
PCB 200 (BZ)/201 (IUPAC)	BH		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 200 (BZ)/201 (IUPAC)	COMBINED														0	0	0
PCB 200 (BZ)/201 (IUPAC)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 200 (BZ)/201 (IUPAC)	FH		0	0	0	0.042	0	0	0.1	0	0	0	0	0			0.142
PCB 201 (BZ)/199 (IUPAC)			**0.31**	**0.75**	**0**	**0.12**	**0**	**0**	**0.54**	**0.16**	**0**	**0.13**	**0**	**0**	**0**	**0**	**2.01**
PCB 201 (BZ)/199 (IUPAC)	BH		0	0.75	0	0	0	0	0	0	0	0	0	0			0.75
PCB 201 (BZ)/199 (IUPAC)	COMBINED														0	0	0
PCB 201 (BZ)/199 (IUPAC)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 201 (BZ)/199 (IUPAC)	FH		0.31	0	0	0.12	0	0	0.54	0.16	0	0.13	0	0			1.26
PCB 202 (BZ)			**0.03**	**0.16**	**0**	**0.038**	**0**	**0**	**0.086**	**0.063**	**0**	**0**	**0**	**0**	**0**	**0**	**0.377**
PCB 202 (BZ)	BH		0	0.16	0	0	0	0	0	0	0	0	0	0			0.16
PCB 202 (BZ)	COMBINED														0	0	0
PCB 202 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 202 (BZ)	FH		0.03	0	0	0.038	0	0	0.086	0.063	0	0	0	0			0.217

PCBs Laboratory Results Summary

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Sum of Result		Units	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	Run	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
PCB 203 (BZ)			**0.17**	**0.44**	**0.021**	**0.27**	**0**	**0**	**1.01**	**0.13**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2.041**
PCB 203 (BZ)	BH		0	0.44	0	0.27	0	0	0.59	0	0	0	0	0				1.3
PCB 203 (BZ)	COMBINED														0	0		0
PCB 203 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 203 (BZ)	FH		0.17	0	0.021	0	0	0	0.42	0.13	0	0	0	0				0.741
PCB 204 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PCB 204 (BZ)	BH		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 204 (BZ)	COMBINED														0	0		0
PCB 204 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 204 (BZ)	FH		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 205 (BZ)			**0.17**	**0**	**0**	**0.96**	**0.017**	**0**	**2.5**	**0.17**	**0.22**	**0.16**	**0.22**	**0**	**0**	**0**	**0**	**4.417**
PCB 205 (BZ)	BH		0	0	0	0.74	0	0	1.2	0	0	0	0.22	0				2.16
PCB 205 (BZ)	COMBINED														0	0		0
PCB 205 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 205 (BZ)	FH		0.17	0	0	0.22	0.017	0	1.3	0.17	0.22	0.16	0	0				2.257
PCB 206 (BZ)			**0.49**	**0.45**	**0**	**2.17**	**0.029**	**0**	**1.6**	**0.32**	**0.253**	**0.14**	**0**	**0**	**0**	**0**	**0**	**5.452**
PCB 206 (BZ)	BH		0.32	0.45	0	2	0	0	0	0	0	0	0	0				2.77
PCB 206 (BZ)	COMBINED														0	0		0
PCB 206 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.013	0	0	0				0.013
PCB 206 (BZ)	FH		0.17	0	0	0.17	0.029	0	1.6	0.32	0.24	0.14	0	0				2.669
PCB 207 (BZ)			**0**	**0.094**	**0**	**0.574**	**0**	**0**	**1.46**	**0.092**	**0.0087**	**0.056**	**0**	**0**	**0**	**0**	**0**	**2.2847**
PCB 207 (BZ)	BH		0	0.094	0	0.52	0	0	1	0	0	0	0	0				1.614
PCB 207 (BZ)	COMBINED														0	0		0
PCB 207 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.0087	0	0	0				0.0087
PCB 207 (BZ)	FH		0	0	0	0.054	0	0	0.46	0.092	0	0.056	0	0				0.662
PCB 208 (BZ)			**0**	**0**	**0**	**0.407**	**0**	**0**	**0.23**	**0.055**	**0.0092**	**0**	**0**	**0**	**0**	**0**	**0**	**0.7012**
PCB 208 (BZ)	BH		0	0	0	0.37	0	0	0	0	0	0	0	0				0.37
PCB 208 (BZ)	COMBINED														0	0		0
PCB 208 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.0092	0	0	0				0.0092
PCB 208 (BZ)	FH		0	0	0	0.037	0	0	0.23	0.055	0	0	0	0				0.322
PCB 209 (BZ)			**0.12**	**0**	**0**	**1.08**	**0.336**	**0**	**1.71**	**0**	**0.2163**	**0.17**	**0.078**	**0**	**0**	**0**	**0**	**3.7103**
PCB 209 (BZ)	BH		0	0	0	0.9	0.29	0	0.51	0	0	0	0	0				1.7
PCB 209 (BZ)	COMBINED														0	0		0
PCB 209 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.0063	0	0	0				0.0063
PCB 209 (BZ)	FH		0.12	0	0	0.18	0.046	0	1.2	0	0.21	0.17	0.078	0				2.004
PCB 21 (BZ)			**29.3**	**44.766**	**28.52**	**37.59**	**28.6**	**21.464**	**101.97**	**34.31**	**34.1**	**18.562**	**24.14**	**3.6**	**0.01**	**0.043**		**406.975**
PCB 21 (BZ)	BH		25	41	27	33	27	20	93	30	29	17	22	1.8				365.8
PCB 21 (BZ)	COMBINED														0.01	0.043		0.053
PCB 21 (BZ)	CONDENSATE		0.7	0.066	0.12	0.19	0	0.064	0.17	0.21	1.2	0.062	0.14	0				2.922
PCB 21 (BZ)	FH		3.6	3.7	1.4	4.4	1.6	1.4	8.8	4.1	3.9	1.5	2	1.8				38.2
PCB 22 (BZ)			**10.01**	**20.923**	**11.919**	**10.87**	**9.592**	**10.76**	**26.559**	**11.558**	**9.95**	**8.244**	**9.531**	**1.66**	**0.014**	**0**		**141.59**
PCB 22 (BZ)	BH		7.9	19	11	8.4	8.8	10	23	9.2	7.2	7.3	8.5	0.75				121.05
PCB 22 (BZ)	COMBINED														0.014	0		0.014
PCB 22 (BZ)	CONDENSATE		0.21	0.023	0.049	0.07	0.022	0	0.059	0.058	0.25	0.024	0.051	0				0.816
PCB 22 (BZ)	FH		1.9	1.9	0.87	2.4	0.77	0.76	3.5	2.3	2.5	0.92	0.98	0.91				19.71
PCB 23 (BZ)			**2.574**	**2.165**	**1.883**	**4.2**	**3.2**	**1.458**	**11.467**	**5.041**	**3.411**	**1.496**	**2.418**	**0.031**	**0**	**0**		**39.344**
PCB 23 (BZ)	BH		2.5	2.1	1.8	4.1	3.2	1.4	11	4.9	3.2	1.4	2.3	0				37.9
PCB 23 (BZ)	COMBINED														0	0		0
PCB 23 (BZ)	CONDENSATE		0.074	0.025	0.044	0.043	0	0.03	0.027	0.043	0.15	0.029	0.031	0.031				0.527
PCB 23 (BZ)	FH		0	0.04	0.039	0.057	0	0.028	0.44	0.098	0.061	0.067	0.087	0				0.917
PCB 24 (BZ)			**1.1**	**1.471**	**1**	**1.4**	**1.272**	**0.73**	**4.82**	**2.7**	**1.229**	**0.477**	**0.864**	**0.065**	**0**	**0**		**17.128**
PCB 24 (BZ)	BH		1.1	1.4	1	1.3	1.2	0.73	4.6	2.6	1.1	0.43	0.79	0				16.25
PCB 24 (BZ)	COMBINED														0	0		0
PCB 24 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.057	0	0	0				0.057
PCB 24 (BZ)	FH		0	0.071	0	0.1	0.072	0	0.22	0.1	0.072	0.047	0.074	0.065				0.821
PCB 25 (BZ)			**3.406**	**5.55**	**3.175**	**4.84**	**4.55**	**3.993**	**11.028**	**12.595**	**4.09**	**3.17**	**3.59**	**0.43**	**0.014**	**0**		**60.431**
PCB 25 (BZ)	BH		2.9	5	3	4.2	4.3	3.8	10	12	3.5	3	3.3	0.23				55.23
PCB 25 (BZ)	COMBINED														0.014	0		0.014
PCB 25 (BZ)	CONDENSATE		0.076	0	0.015	0.04	0	0.013	0.028	0.055	0.17	0	0.03	0				0.427
PCB 25 (BZ)	FH		0.43	0.55	0.16	0.6	0.25	0.18	1	0.54	0.42	0.17	0.26	0.2				4.76
PCB 26 (BZ)			**8.65**	**12.124**	**7.829**	**11.155**	**9.76**	**7.422**	**31.363**	**21.191**	**10.52**	**5.914**	**7.442**	**1.04**	**0**	**0**		**134.41**

PCBs Laboratory Results Summary

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Sum of Result		Units	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	Run	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
PCB 26 (BZ)	BH		7.5	11	7.4	9.8	9.3	7	29	20	9.3	5.5	6.8	0.52				123.12
PCB 26 (BZ)	COMBINED														0	0		0
PCB 26 (BZ)	CONDENSATE		0.2	0.024	0.039	0.055	0	0.032	0.063	0.091	0.4	0.024	0.052	0				0.98
PCB 26 (BZ)	FH		0.95	1.1	0.39	1.3	0.46	0.39	2.3	1.1	0.82	0.39	0.59	0.52				10.31
PCB 27 (BZ)			**0.74**	**1.97**	**1.288**	**1.39**	**0.98**	**1.03**	**2.56**	**2.06**	**0.905**	**0.93**	**0.77**	**0.29**	**0.022**	**0**		**14.935**
PCB 27 (BZ)	BH		0.49	1.7	1.2	1.1	0.87	0.9	2.2	1.8	0.71	0.79	0.67	0.18				12.61
PCB 27 (BZ)	COMBINED														0.022	0		0.022
PCB 27 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.035	0	0	0				0.035
PCB 27 (BZ)	FH		0.25	0.27	0.088	0.29	0.11	0.13	0.36	0.26	0.16	0.14	0.1	0.11				2.268
PCB 28 (BZ)			**25.08**	**50.286**	**26.21**	**26.19**	**20.7**	**23.356**	**55.71**	**26.85**	**20.83**	**19.175**	**20.74**	**5.538**	**0.065**	**0**		**320.73**
PCB 28 (BZ)	BH		19	44	24	19	18	21	47	21	15	17	18	2.7				265.7
PCB 28 (BZ)	COMBINED														0.065	0		0.065
PCB 28 (BZ)	CONDENSATE		0.48	0.086	0.11	0.19	0.1	0.056	0.11	0.15	0.53	0.075	0.14	0.038				2.065
PCB 28 (BZ)	FH		5.6	6.2	2.1	7	2.6	2.3	8.6	5.7	5.3	2.1	2.6	2.8				52.9
PCB 29 (BZ)			**8.65**	**12.124**	**7.829**	**11.155**	**9.76**	**7.422**	**31.363**	**21.191**	**10.52**	**5.914**	**7.442**	**1.04**	**0**	**0**		**134.41**
PCB 29 (BZ)	BH		7.5	11	7.4	9.8	9.3	7	29	20	9.3	5.5	6.8	0.52				123.12
PCB 29 (BZ)	COMBINED														0	0		0
PCB 29 (BZ)	CONDENSATE		0.2	0.024	0.039	0.055	0	0.032	0.063	0.091	0.4	0.024	0.052	0				0.98
PCB 29 (BZ)	FH		0.95	1.1	0.39	1.3	0.46	0.39	2.3	1.1	0.82	0.39	0.59	0.52				10.31
PCB 3 (BZ)			**2010.7**	**1102.07**	**611.18**	**1506.2**	**1301.94**	**592.25**	**7140.19**	**2204.53**	**2111.7**	**642.28**	**1412.49**	**4.32**	**0.16**	**0.18**		**20640.19**
PCB 3 (BZ)	BH		2000	1100	610	1500	1300	590	7100	2200	2100	640	1400	3				20543
PCB 3 (BZ)	COMBINED														0.16	0.18		0.34
PCB 3 (BZ)	CONDENSATE		9.5	0.37	0.33	0.4	0.24	0.15	0.19	0.53	6.4	0.18	0.49	0.12				18.9
PCB 3 (BZ)	FH		1.2	1.7	0.85	5.8	1.7	2.1	40	4	5.3	2.1	12	1.2				77.95
PCB 30 (BZ)			**13.55**	**30.8**	**14.2**	**14**	**11.276**	**11.194**	**28.039**	**12.24**	**10.5**	**9.863**	**9.177**	**4.885**	**0.059**	**0**		**169.783**
PCB 30 (BZ)	BH		10	26	13	8.9	9.2	9.6	23	8.8	7.3	8.5	7.5	2.6				134.4
PCB 30 (BZ)	COMBINED														0.059	0		0.059
PCB 30 (BZ)	CONDENSATE		0.15	0	0	0	0.076	0.094	0.039	0.14	0.3	0.063	0.077	0.085				1.024
PCB 30 (BZ)	FH		3.4	4.8	1.2	5.1	2	1.5	5	3.3	2.9	1.3	1.6	2.2				34.3
PCB 31 (BZ)			**23.14**	**47.461**	**24.166**	**22.23**	**19.545**	**21.935**	**51.9**	**24.13**	**20.34**	**16.86**	**19.42**	**5.225**	**0**	**0.094**		**296.446**
PCB 31 (BZ)	BH		18	42	22	16	17	20	44	19	15	15	17	2.6				247.6
PCB 31 (BZ)	COMBINED														0	0.094		0.094
PCB 31 (BZ)	CONDENSATE		0.44	0.061	0.066	0.13	0.045	0.035	0.1	0.13	0.54	0.06	0.12	0.025				1.752
PCB 31 (BZ)	FH		4.7	5.4	2.1	6.1	2.5	1.9	7.8	5	4.8	1.8	2.3	2.6				47
PCB 32 (BZ)			**4.78**	**9.7**	**5.27**	**4.5**	**3.75**	**4.31**	**8.2**	**4.037**	**3.273**	**2.893**	**2.631**	**1.4**	**0**	**0**		**54.744**
PCB 32 (BZ)	BH		3.8	8.2	4.8	2.9	3.1	3.8	6.5	2.9	2.3	2.4	2.1	0.72				43.52
PCB 32 (BZ)	COMBINED														0	0		0
PCB 32 (BZ)	CONDENSATE		0.07	0	0	0	0	0	0	0.037	0.083	0.033	0.021	0				0.244
PCB 32 (BZ)	FH		0.91	1.5	0.47	1.6	0.65	0.51	1.7	1.1	0.89	0.46	0.51	0.68				10.98
PCB 33 (BZ)			**29.3**	**44.766**	**28.52**	**37.59**	**28.6**	**21.464**	**101.97**	**34.31**	**34.1**	**18.562**	**24.14**	**3.6**	**0.01**	**0.043**		**406.975**
PCB 33 (BZ)	BH		25	41	27	33	27	20	93	30	29	17	22	1.8				365.8
PCB 33 (BZ)	COMBINED														0.01	0.043		0.053
PCB 33 (BZ)	CONDENSATE		0.7	0.066	0.12	0.19	0	0.064	0.17	0.21	1.2	0.062	0.14	0				2.922
PCB 33 (BZ)	FH		3.6	3.7	1.4	4.4	1.6	1.4	8.8	4.1	3.9	1.5	2	1.8				38.2
PCB 34 (BZ)			**1.43**	**0.9**	**1.1**	**1.379**	**1.734**	**1.1**	**5.4**	**4.481**	**1.616**	**1.028**	**1.137**	**0**	**0**	**0**		**21.305**
PCB 34 (BZ)	BH		1.4	0.9	1.1	1.3	1.7	1.1	5.2	4.4	1.5	1	1.1	0				20.7
PCB 34 (BZ)	COMBINED														0	0		0
PCB 34 (BZ)	CONDENSATE		0.03	0	0	0.03	0	0	0	0.017	0.072	0	0	0				0.149
PCB 34 (BZ)	FH		0	0	0	0.049	0.034	0	0.2	0.064	0.044	0.028	0.037	0				0.456
PCB 35 (BZ)			**11.42**	**8.43**	**12.249**	**16.88**	**13.2**	**7.84**	**53.03**	**29.45**	**15.26**	**6.06**	**9.758**	**0.152**	**0**	**0**		**183.729**
PCB 35 (BZ)	BH		11	8.3	12	16	13	7.7	48	28	14	5.8	9.3	0.096				173.196
PCB 35 (BZ)	COMBINED														0	0		0
PCB 35 (BZ)	CONDENSATE		0.26	0	0.059	0.11	0	0	0.13	0.15	0.72	0	0.058	0				1.487
PCB 35 (BZ)	FH		0.16	0.13	0.19	0.77	0.2	0.14	4.9	1.3	0.54	0.26	0.4	0.056				9.046
PCB 36 (BZ)			**2.282**	**1.551**	**2.0082**	**3.105**	**2.5**	**2.2**	**10.019**	**8.806**	**2.42**	**1.535**	**2.381**	**0**	**0**	**0**		**38.8072**
PCB 36 (BZ)	BH		2.2	1.5	2	3	2.5	2.2	9.4	8.5	2.2	1.5	2.3	0				37.3
PCB 36 (BZ)	COMBINED														0	0		0
PCB 36 (BZ)	CONDENSATE		0.053	0	0.0082	0.02	0	0	0.019	0.046	0.11	0	0.021	0				0.2772
PCB 36 (BZ)	FH		0.029	0.051	0	0.085	0	0	0.6	0.26	0.11	0.035	0.06	0				1.23
PCB 37 (BZ)			**19.22**	**21.127**	**18.081**	**21.67**	**16.816**	**16.671**	**73.97**	**32.87**	**24.58**	**12.229**	**15.393**	**0.86**	**0**	**0**		**273.487**
PCB 37 (BZ)	BH		17	20	17	19	16	16	66	29	20	11	14	0.4				245.4

PCBs Laboratory Results Summary

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Sum of Result		Units	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
		Run															
Analyte	Fraction		D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
PCB 37 (BZ)	COMBINED														0	0	0
PCB 37 (BZ)	CONDENSATE		0.42	0.027	0.081	0.17	0.036	0.031	0.17	0.17	0.88	0.029	0.093	0			2.107
PCB 37 (BZ)	FH		1.8	1.1	1	2.5	0.78	0.64	7.8	3.7	3.7	1.2	1.3	0.46			25.98
PCB 38 (BZ)			**30.88**	**18.117**	**22.174**	**52.29**	**26.2**	**8.922**	**141.34**	**31.08**	**39.67**	**8.356**	**18.83**	**0.13**	**0**	**0**	**397.989**
PCB 38 (BZ)	BH		30	18	22	51	26	8.8	130	30	37	8.1	18	0.13			379.03
PCB 38 (BZ)	COMBINED														0	0	0
PCB 38 (BZ)	CONDENSATE		0.77	0.036	0.11	0.43	0	0.038	0.34	0.23	1.9	0.016	0.12	0			3.99
PCB 38 (BZ)	FH		0.11	0.081	0.064	0.86	0.2	0.084	11	0.85	0.77	0.24	0.71	0			14.969
PCB 39 (BZ)			**1.953**	**1.348**	**1.4**	**2.914**	**3.028**	**1.6**	**7.43**	**7.703**	**2.591**	**1.143**	**1.81**	**0**	**0**	**0**	**32.92**
PCB 39 (BZ)	BH		1.9	1.3	1.4	2.8	3	1.6	6.9	7.4	2.4	1.1	1.7	0			31.5
PCB 39 (BZ)	COMBINED														0	0	0
PCB 39 (BZ)	CONDENSATE		0.03	0	0	0.014	0	0	0	0.033	0.099	0	0	0			0.176
PCB 39 (BZ)	FH		0.023	0.048	0	0.1	0.028	0	0.53	0.27	0.092	0.043	0.11	0			1.244
PCB 4 (BZ)			**9.22**	**11.6**	**7.43**	**10.1**	**8.02**	**4.89**	**20.6**	**15.1**	**5.252**	**5.59**	**3.8**	**1.81**	**0**	**0**	**103.412**
PCB 4 (BZ)	BH		8.4	10	6.8	8.2	7.3	4.3	19	14	4.3	5.1	3.2	1			91.6
PCB 4 (BZ)	COMBINED														0	0	0
PCB 4 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.072	0	0	0			0.072
PCB 4 (BZ)	FH		0.82	1.6	0.63	1.9	0.72	0.59	1.6	1.1	0.88	0.49	0.6	0.81			11.74
PCB 40 (BZ)			**13.22**	**26.6**	**13.68**	**14.04**	**11.9**	**15.53**	**35.62**	**10.097**	**13.98**	**11.364**	**13.32**	**1.46**	**0**	**0**	**180.811**
PCB 40 (BZ)	BH		11	25	13	12	11	15	31	7	10	10	12	0.78			157.78
PCB 40 (BZ)	COMBINED														0	0	0
PCB 40 (BZ)	CONDENSATE		0.32	0	0	0.14	0	0	0.12	0.097	0.38	0.064	0.12	0			1.241
PCB 40 (BZ)	FH		1.9	1.6	0.68	1.9	0.9	0.53	4.5	3	3.6	1.3	1.2	0.68			21.79
PCB 41 (BZ)			**13.22**	**26.6**	**13.68**	**14.04**	**11.9**	**15.53**	**35.62**	**10.097**	**13.98**	**11.364**	**13.32**	**1.46**	**0**	**0**	**180.811**
PCB 41 (BZ)	BH		11	25	13	12	11	15	31	7	10	10	12	0.78			157.78
PCB 41 (BZ)	COMBINED														0	0	0
PCB 41 (BZ)	CONDENSATE		0.32	0	0	0.14	0	0	0.12	0.097	0.38	0.064	0.12	0			1.241
PCB 41 (BZ)	FH		1.9	1.6	0.68	1.9	0.9	0.53	4.5	3	3.6	1.3	1.2	0.68			21.79
PCB 42 (BZ)			**5.46**	**12.73**	**5.78**	**4.46**	**5.11**	**6.26**	**10.427**	**2.931**	**4.63**	**4.17**	**5.792**	**0.64**	**0**	**0**	**68.39**
PCB 42 (BZ)	BH		4.4	12	5.5	3.6	4.7	6	8.7	1.6	3.1	3.7	5.2	0.34			58.84
PCB 42 (BZ)	COMBINED														0	0	0
PCB 42 (BZ)	CONDENSATE		0.11	0	0	0	0	0	0.027	0.031	0.13	0	0.042	0			0.34
PCB 42 (BZ)	FH		0.95	0.73	0.28	0.86	0.41	0.26	1.7	1.3	1.4	0.47	0.55	0.3			9.21
PCB 43 (BZ)			**0.726**	**1.49**	**1.05**	**1.09**	**0.629**	**0.76**	**2.98**	**1.96**	**0.985**	**0.699**	**0.71**	**0.032**	**0**	**0**	**13.111**
PCB 43 (BZ)	BH		0.62	1.4	0.99	0.96	0.57	0.72	2.8	1.8	0.84	0.62	0.57	0			11.89
PCB 43 (BZ)	COMBINED														0	0	0
PCB 43 (BZ)	CONDENSATE		0.017	0	0	0	0	0	0	0	0.035	0	0	0			0.052
PCB 43 (BZ)	FH		0.089	0.09	0.06	0.13	0.059	0.04	0.18	0.16	0.11	0.079	0.14	0.032			1.169
PCB 44 (BZ)			**26.43**	**65.15**	**30.06**	**30.22**	**23.12**	**32.6**	**63.26**	**19.63**	**24.52**	**24.5**	**28.33**	**9.22**	**0.083**	**0.13**	**377.253**
PCB 44 (BZ)	BH		19	53	27	20	18	29	49	10	15	21	24	4.4			289.4
PCB 44 (BZ)	COMBINED														0.083	0.13	0.213
PCB 44 (BZ)	CONDENSATE		0.53	0.15	0.16	0.22	0.22	0.2	0.26	0.23	0.62	0.2	0.33	0.12			3.24
PCB 44 (BZ)	FH		6.9	12	2.9	10	4.9	3.4	14	9.4	8.9	3.3	4	4.7			84.4
PCB 45 (BZ)			**5.43**	**14.4**	**5.82**	**6.1**	**4.76**	**7.16**	**13.827**	**4.1**	**5.51**	**4.585**	**5.24**	**2.03**	**0**	**0**	**78.962**
PCB 45 (BZ)	BH		4.1	12	5.3	4.1	3.9	6.5	11	2.3	3.8	4	4.4	1.1			62.5
PCB 45 (BZ)	COMBINED														0	0	0
PCB 45 (BZ)	CONDENSATE		0.13	0	0	0	0	0	0.027	0	0.11	0.025	0	0			0.292
PCB 45 (BZ)	FH		1.2	2.4	0.52	2	0.86	0.66	2.8	1.8	1.6	0.56	0.84	0.93			16.17
PCB 46 (BZ)			**1.4**	**3.04**	**1.065**	**1.437**	**1.067**	**1.952**	**2.64**	**1.02**	**1.217**	**0.13**	**1.12**	**0.175**	**0**	**0**	**16.263**
PCB 46 (BZ)	BH		1.2	2.9	0.99	1.2	0.99	1.9	2.3	0.71	0.92	0	0.94	0.085			14.135
PCB 46 (BZ)	COMBINED														0	0	0
PCB 46 (BZ)	CONDENSATE		0	0	0	0.027	0	0	0	0	0.037	0	0	0			0.064
PCB 46 (BZ)	FH		0.2	0.14	0.075	0.21	0.077	0.052	0.34	0.31	0.26	0.13	0.18	0.09			2.064
PCB 47 (BZ)			**26.43**	**65.15**	**30.06**	**30.22**	**23.12**	**32.6**	**63.26**	**19.63**	**24.52**	**24.5**	**28.33**	**9.22**	**0.083**	**0.13**	**377.253**
PCB 47 (BZ)	BH		19	53	27	20	18	29	49	10	15	21	24	4.4			289.4
PCB 47 (BZ)	COMBINED														0.083	0.13	0.213
PCB 47 (BZ)	CONDENSATE		0.53	0.15	0.16	0.22	0.22	0.2	0.26	0.23	0.62	0.2	0.33	0.12			3.24
PCB 47 (BZ)	FH		6.9	12	2.9	10	4.9	3.4	14	9.4	8.9	3.3	4	4.7			84.4
PCB 48 (BZ)			**5.246**	**9.557**	**4.91**	**4.52**	**4.27**	**6.03**	**10.646**	**3.4**	**4.55**	**4.605**	**4.851**	**0.681**	**0**	**0**	**63.266**
PCB 48 (BZ)	BH		4.5	8.8	4.7	3.7	3.9	5.7	9.2	2.3	3.2	4	4.3	0.34			54.64
PCB 48 (BZ)	COMBINED														0	0	0

PCBs Laboratory Results Summary

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Sum of Result		Units	Run														
		ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
PCB 48 (BZ)	CONDENSATE	0.076	0.027	0	0	0	0	0.046	0	0.15	0.025	0.051	0.021				0.396
PCB 48 (BZ)	FH	0.67	0.73	0.21	0.82	0.37	0.33	1.4	1.1	1.2	0.58	0.5	0.32				8.23
PCB 49 (BZ)		**11.87**	**24.8**	**11.734**	**10.259**	**9.24**	**12.656**	**24.241**	**6.433**	**9.47**	**9.436**	**10.422**	**1.52**	**0**	**0**		**142.081**
PCB 49 (BZ)	BH	10	23	11	8.2	8.4	12	21	3.9	6.5	8.4	9.4	0.79				122.59
PCB 49 (BZ)	COMBINED													0	0		0
PCB 49 (BZ)	CONDENSATE	0.17	0	0.024	0.059	0	0.016	0.041	0.033	0.27	0.046	0.082	0				0.741
PCB 49 (BZ)	FH	1.7	1.8	0.71	2	0.84	0.64	3.2	2.5	2.7	0.99	0.94	0.73				18.75
PCB 5 (BZ)		**3.54**	**20.17**	**17.195**	**34.4**	**31.092**	**13.062**	**91.643**	**41.278**	**36.7**	**12.13**	**19.559**	**0.29**	**0.047**	**0**		**321.106**
PCB 5 (BZ)	BH	3.1	20	17	34	31	13	90	41	36	12	19	0.19				316.29
PCB 5 (BZ)	COMBINED													0.047	0		0.047
PCB 5 (BZ)	CONDENSATE	0.26	0	0.055	0.12	0	0.009	0.043	0.058	0.56	0	0.039	0				1.144
PCB 5 (BZ)	FH	0.18	0.17	0.14	0.28	0.092	0.053	1.6	0.22	0.14	0.13	0.52	0.1				3.625
PCB 50 (BZ)		**2.402**	**5.53**	**1.885**	**1.69**	**2.18**	**2.41**	**5.3**	**1.61**	**1.679**	**1.37**	**1.99**	**0.34**	**0**	**0**		**28.386**
PCB 50 (BZ)	BH	2	5.1	1.8	1.3	2	2.3	4.7	1.1	1.2	1.2	1.8	0.17				24.67
PCB 50 (BZ)	COMBINED													0	0		0
PCB 50 (BZ)	CONDENSATE	0.032	0	0	0	0	0	0	0	0.059	0	0	0				0.091
PCB 50 (BZ)	FH	0.37	0.43	0.085	0.39	0.18	0.11	0.6	0.51	0.42	0.17	0.19	0.17				3.625
PCB 51 (BZ)		**5.43**	**14.4**	**5.82**	**6.1**	**4.76**	**7.16**	**13.827**	**4.1**	**5.51**	**4.585**	**5.24**	**2.03**	**0**	**0**		**78.962**
PCB 51 (BZ)	BH	4.1	12	5.3	4.1	3.9	6.5	11	2.3	3.8	4	4.4	1.1				62.5
PCB 51 (BZ)	COMBINED													0	0		0
PCB 51 (BZ)	CONDENSATE	0.13	0	0	0	0	0	0.027	0	0.11	0.025	0	0				0.292
PCB 51 (BZ)	FH	1.2	2.4	0.52	2	0.86	0.66	2.8	1.8	1.6	0.56	0.84	0.93				16.17
PCB 52 (BZ)		**25.87**	**51.34**	**23.26**	**20.98**	**21.6**	**29.158**	**50.23**	**13.91**	**18.76**	**23.093**	**27.17**	**2.926**	**0.042**	**0**		**308.339**
PCB 52 (BZ)	BH	22	48	22	18	20	28	44	9	13	21	25	1.5				271.5
PCB 52 (BZ)	COMBINED													0.042	0		0.042
PCB 52 (BZ)	CONDENSATE	0.47	0.04	0.06	0.18	0	0.058	0.13	0.21	0.56	0.093	0.17	0.026				1.997
PCB 52 (BZ)	FH	3.4	3.3	1.2	2.8	1.6	1.1	6.1	4.7	5.2	2	2	1.4				34.8
PCB 53 (BZ)		**2.402**	**5.53**	**1.885**	**1.69**	**2.18**	**2.41**	**5.3**	**1.61**	**1.679**	**1.37**	**1.99**	**0.34**	**0**	**0**		**28.386**
PCB 53 (BZ)	BH	2	5.1	1.8	1.3	2	2.3	4.7	1.1	1.2	1.2	1.8	0.17				24.67
PCB 53 (BZ)	COMBINED													0	0		0
PCB 53 (BZ)	CONDENSATE	0.032	0	0	0	0	0	0	0	0.059	0	0	0				0.091
PCB 53 (BZ)	FH	0.37	0.43	0.085	0.39	0.18	0.11	0.6	0.51	0.42	0.17	0.19	0.17				3.625
PCB 54 (BZ)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**
PCB 54 (BZ)	BH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 54 (BZ)	COMBINED													0	0		0
PCB 54 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 54 (BZ)	FH	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 55 (BZ)		**1.711**	**1.65**	**1.128**	**3.56**	**1.751**	**1.339**	**8.04**	**2.29**	**2.393**	**0.939**	**1.684**	**0.014**	**0**	**0**		**26.499**
PCB 55 (BZ)	BH	1.6	1.6	1.1	3.4	1.7	1.3	7.2	2	2.1	0.87	1.6	0				24.47
PCB 55 (BZ)	COMBINED													0	0		0
PCB 55 (BZ)	CONDENSATE	0.023	0	0	0	0	0	0	0	0.093	0	0	0				0.116
PCB 55 (BZ)	FH	0.088	0.05	0.028	0.16	0.051	0.039	0.84	0.29	0.2	0.069	0.084	0.014				1.913
PCB 56 (BZ)		**5.79**	**8.82**	**4.798**	**6.236**	**5.6**	**6.6**	**19.753**	**6.666**	**6.92**	**5.24**	**6.168**	**0.29**	**0**	**0**		**82.881**
PCB 56 (BZ)	BH	5	8.4	4.5	5.6	5.2	6.3	17	4.8	4.7	4.5	5.5	0.13				71.63
PCB 56 (BZ)	COMBINED													0	0		0
PCB 56 (BZ)	CONDENSATE	0.13	0	0.038	0.046	0	0.03	0.053	0.066	0.22	0.02	0.048	0				0.651
PCB 56 (BZ)	FH	0.66	0.42	0.26	0.59	0.4	0.27	2.7	1.8	2	0.72	0.62	0.16				10.6
PCB 57 (BZ)		**0.4**	**0.43**	**0.23**	**0.924**	**0.57**	**0.35**	**2.27**	**1.164**	**0.856**	**0.41**	**0.364**	**0**	**0**	**0**		**7.968**
PCB 57 (BZ)	BH	0.4	0.43	0.23	0.88	0.57	0.35	2.1	1.1	0.82	0.41	0.34	0				7.63
PCB 57 (BZ)	COMBINED													0	0		0
PCB 57 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
PCB 57 (BZ)	FH	0	0	0	0.044	0	0	0.17	0.064	0.036	0	0.024	0				0.338
PCB 58 (BZ)		**0.25**	**0.4**	**0.21**	**0.24**	**0.61**	**0.23**	**2.23**	**0.65**	**0.027**	**0**	**0.452**	**0**	**0**	**0**		**5.299**
PCB 58 (BZ)	BH	0.25	0.4	0.21	0.24	0.61	0.23	2.1	0.65	0	0	0.42	0				5.11
PCB 58 (BZ)	COMBINED													0	0		0
PCB 58 (BZ)	CONDENSATE	0	0	0	0	0	0	0	0	0.027	0	0	0				0.027
PCB 58 (BZ)	FH	0	0	0	0	0	0	0.13	0	0	0	0.032	0				0.162
PCB 59 (BZ)		**1.611**	**4.77**	**1.92**	**3.92**	**2.02**	**2.587**	**9.49**	**3.494**	**3.87**	**2.12**	**3.04**	**0.25**	**0**	**0**		**39.092**
PCB 59 (BZ)	BH	1.3	4.5	1.8	3.5	1.9	2.5	8.5	2.9	3.2	1.9	2.8	0.12				34.92
PCB 59 (BZ)	COMBINED													0	0		0
PCB 59 (BZ)	CONDENSATE	0.071	0	0	0	0	0	0	0.044	0.15	0	0	0				0.265

PCBs Laboratory Results Summary

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Sum of Result		Units	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	Run	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
PCB 59 (BZ)	FH		0.24	0.27	0.12	0.42	0.12	0.087	0.99	0.55	0.52	0.22	0.24	0.13			3.907
PCB 6 (BZ)			**10.44**	**21.81**	**15.73**	**22.13**	**20.76**	**17.619**	**75.978**	**70.33**	**25.24**	**11.63**	**18.935**	**1.691**	**0.084**	**0**	**312.377**
PCB 6 (BZ)	BH		9.4	20	15	20	20	17	73	69	24	11	18	0.87			297.27
PCB 6 (BZ)	COMBINED														0.084	0	0.084
PCB 6 (BZ)	CONDENSATE		0.27	0.11	0.11	0.23	0.1	0.049	0.078	0.13	0.46	0.07	0.065	0.051			1.723
PCB 6 (BZ)	FH		0.77	1.7	0.62	1.9	0.66	0.57	2.9	1.2	0.78	0.56	0.87	0.77			13.3
PCB 60 (BZ)			**3.824**	**5.5**	**3.26**	**3.192**	**2.33**	**4.04**	**11**	**2.9**	**4.288**	**2.88**	**3.37**	**0.178**	**0**	**0**	**46.762**
PCB 60 (BZ)	BH		3.2	5.2	3.1	2.7	2.1	3.9	9.6	1.8	2.9	2.4	3	0.078			39.978
PCB 60 (BZ)	COMBINED														0	0	0
PCB 60 (BZ)	CONDENSATE		0.074	0	0	0.052	0	0	0	0	0.088	0	0	0			0.214
PCB 60 (BZ)	FH		0.55	0.3	0.16	0.44	0.23	0.14	1.4	1.1	1.3	0.48	0.37	0.1			6.57
PCB 61 (BZ)			**29.07**	**47.466**	**29.5**	**33.7**	**25.951**	**34.482**	**85.24**	**24.83**	**33**	**24.196**	**30.81**	**2.1**	**0**	**0**	**400.345**
PCB 61 (BZ)	BH		24	45	28	30	24	33	74	17	23	21	28	1			348
PCB 61 (BZ)	COMBINED														0	0	0
PCB 61 (BZ)	CONDENSATE		0.57	0.066	0.1	0.4	0.051	0.082	0.24	0.23	1	0.096	0.21	0			3.045
PCB 61 (BZ)	FH		4.5	2.4	1.4	3.3	1.9	1.4	11	7.6	9	3.1	2.6	1.1			49.3
PCB 62 (BZ)			**1.611**	**4.77**	**1.92**	**3.92**	**2.02**	**2.587**	**9.49**	**3.494**	**3.87**	**2.12**	**3.04**	**0.25**	**0**	**0**	**39.092**
PCB 62 (BZ)	BH		1.3	4.5	1.8	3.5	1.9	2.5	8.5	2.9	3.2	1.9	2.8	0.12			34.92
PCB 62 (BZ)	COMBINED														0	0	0
PCB 62 (BZ)	CONDENSATE		0.071	0	0	0	0	0	0	0.044	0.15	0	0	0			0.265
PCB 62 (BZ)	FH		0.24	0.27	0.12	0.42	0.12	0.087	0.99	0.55	0.52	0.22	0.24	0.13			3.907
PCB 63 (BZ)			**0.873**	**1.476**	**0.52**	**0.65**	**0.935**	**0.882**	**2.84**	**1.29**	**1.41**	**0.628**	**0.78**	**0**	**0**	**0**	**12.284**
PCB 63 (BZ)	BH		0.8	1.4	0.52	0.57	0.9	0.85	2.5	1.1	1.2	0.56	0.67	0			11.07
PCB 63 (BZ)	COMBINED														0	0	0
PCB 63 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.04	0	0	0			0.04
PCB 63 (BZ)	FH		0.073	0.076	0	0.08	0.035	0.032	0.34	0.19	0.17	0.068	0.11	0			1.174
PCB 64 (BZ)			**8.48**	**19.1**	**7.867**	**7.078**	**6.74**	**10.496**	**17.639**	**5.056**	**7.44**	**6.396**	**8.957**	**0.91**	**0**	**0**	**106.159**
PCB 64 (BZ)	BH		6.8	18	7.4	5.7	6.1	10	15	2.8	4.9	5.5	8.1	0.48			90.78
PCB 64 (BZ)	COMBINED														0	0	0
PCB 64 (BZ)	CONDENSATE		0.18	0	0.027	0.078	0	0.026	0.039	0.056	0.14	0.026	0.067	0			0.639
PCB 64 (BZ)	FH		1.5	1.1	0.44	1.3	0.64	0.47	2.6	2.2	2.4	0.87	0.79	0.43			14.74
PCB 65 (BZ)			**26.43**	**65.15**	**30.06**	**30.22**	**23.12**	**32.6**	**63.26**	**19.63**	**24.52**	**24.5**	**28.33**	**9.22**	**0.083**	**0.13**	**377.253**
PCB 65 (BZ)	BH		19	53	27	20	18	29	49	10	15	21	24	4.4			289.4
PCB 65 (BZ)	COMBINED														0.083	0.13	0.213
PCB 65 (BZ)	CONDENSATE		0.53	0.15	0.16	0.22	0.22	0.2	0.26	0.23	0.62	0.2	0.33	0.12			3.24
PCB 65 (BZ)	FH		6.9	12	2.9	10	4.9	3.4	14	9.4	8.9	3.3	4	4.7			84.4
PCB 66 (BZ)			**11.49**	**19.226**	**9.089**	**9.3**	**8.75**	**13.628**	**26.955**	**8.362**	**11.02**	**8.828**	**10.568**	**0.68**	**0.019**	**0**	**137.915**
PCB 66 (BZ)	BH		9.4	18	8.6	7.9	8	13	23	5.2	7	7.5	9.4	0.29			117.29
PCB 66 (BZ)	COMBINED														0.019	0	0.019
PCB 66 (BZ)	CONDENSATE		0.19	0.026	0.019	0.1	0	0.028	0.055	0.062	0.22	0.028	0.068	0			0.796
PCB 66 (BZ)	FH		1.9	1.2	0.47	1.3	0.75	0.6	3.9	3.1	3.8	1.3	1.1	0.39			19.81
PCB 67 (BZ)			**1.086**	**1.86**	**0.937**	**1.31**	**0.969**	**0.877**	**4.65**	**1.759**	**1.448**	**0.74**	**1.111**	**0.029**	**0**	**0**	**16.776**
PCB 67 (BZ)	BH		0.99	1.8	0.92	1.2	0.93	0.86	4.2	1.5	1.2	0.63	1	0			15.23
PCB 67 (BZ)	COMBINED														0	0	0
PCB 67 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0.029	0.078	0	0.016	0			0.123
PCB 67 (BZ)	FH		0.096	0.06	0.017	0.11	0.039	0.017	0.45	0.23	0.17	0.11	0.095	0.029			1.423
PCB 68 (BZ)			**3.554**	**2.36**	**2.12**	**2.38**	**5.01**	**3.29**	**7.7**	**5.591**	**2.72**	**2.66**	**1.916**	**0.48**	**0**	**0**	**39.781**
PCB 68 (BZ)	BH		3.1	1.7	2	1.7	4.7	3.1	6.7	4.9	2.2	2.5	1.7	0.25			34.55
PCB 68 (BZ)	COMBINED														0	0	0
PCB 68 (BZ)	CONDENSATE		0.094	0	0	0	0	0	0	0.061	0.11	0	0.036	0			0.301
PCB 68 (BZ)	FH		0.36	0.66	0.12	0.68	0.31	0.19	1	0.63	0.41	0.16	0.18	0.23			4.93
PCB 69 (BZ)			**11.87**	**24.8**	**11.734**	**10.259**	**9.24**	**12.656**	**24.241**	**6.433**	**9.47**	**9.436**	**10.422**	**1.52**	**0**	**0**	**142.081**
PCB 69 (BZ)	BH		10	23	11	8.2	8.4	12	21	3.9	6.5	8.4	9.4	0.79			122.59
PCB 69 (BZ)	COMBINED														0	0	0
PCB 69 (BZ)	CONDENSATE		0.17	0	0.024	0.059	0	0.016	0.041	0.033	0.27	0.046	0.082	0			0.741
PCB 69 (BZ)	FH		1.7	1.8	0.71	2	0.84	0.64	3.2	2.5	2.7	0.99	0.94	0.73			18.75
PCB 7 (BZ)			**18.59**	**15.73**	**13.49**	**20.57**	**20.51**	**13.428**	**60.562**	**39.65**	**21.9**	**9.834**	**18.611**	**0.848**	**0.12**	**0**	**253.843**
PCB 7 (BZ)	BH		18	15	13	20	20	13	59	39	21	9.4	18	0.44			245.84
PCB 7 (BZ)	COMBINED														0.12	0	0.12
PCB 7 (BZ)	CONDENSATE		0.25	0.17	0.17	0	0.15	0.078	0.062	0.11	0.41	0.064	0.081	0.068			1.613
PCB 7 (BZ)	FH		0.34	0.56	0.32	0.57	0.36	0.35	1.5	0.54	0.49	0.37	0.53	0.34			6.27

PCBs Laboratory Results Summary

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Sum of Result		Units	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	Run	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
PCB 70 (BZ)			**29.07**	**47.466**	**29.5**	**33.7**	**25.951**	**34.482**	**85.24**	**24.83**	**33**	**24.196**	**30.81**	**2.1**	**0**	**0**	**400.345**
PCB 70 (BZ)	BH		24	45	28	30	24	33	74	17	23	21	28	1			348
PCB 70 (BZ)	COMBINED														0	0	0
PCB 70 (BZ)	CONDENSATE		0.57	0.066	0.1	0.4	0.051	0.082	0.24	0.23	1	0.096	0.21	0			3.045
PCB 70 (BZ)	FH		4.5	2.4	1.4	3.3	1.9	1.4	11	7.6	9	3.1	2.6	1.1			49.3
PCB 71 (BZ)			**13.22**	**26.6**	**13.68**	**14.04**	**11.9**	**15.53**	**35.62**	**10.097**	**13.98**	**11.364**	**13.32**	**1.46**	**0**	**0**	**180.811**
PCB 71 (BZ)	BH		11	25	13	12	11	15	31	7	10	10	12	0.78			157.78
PCB 71 (BZ)	COMBINED														0	0	0
PCB 71 (BZ)	CONDENSATE		0.32	0	0	0.14	0	0	0.12	0.097	0.38	0.064	0.12	0			1.241
PCB 71 (BZ)	FH		1.9	1.6	0.68	1.9	0.9	0.53	4.5	3	3.6	1.3	1.2	0.68			21.79
PCB 72 (BZ)			**0.32**	**0.55**	**0.27**	**0.24**	**0**	**0.27**	**1.075**	**0.884**	**0.069**	**0**	**0.352**	**0**	**0**	**0**	**4.03**
PCB 72 (BZ)	BH		0.32	0.55	0.27	0.24	0	0.27	0.98	0.82	0	0	0.3	0			3.75
PCB 72 (BZ)	COMBINED														0	0	0
PCB 72 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.021	0	0	0			0.021
PCB 72 (BZ)	FH		0	0	0	0	0	0	0.095	0.064	0.048	0	0.052	0			0.259
PCB 73 (BZ)			**0.726**	**1.49**	**1.05**	**1.09**	**0.629**	**0.76**	**2.98**	**1.96**	**0.985**	**0.699**	**0.71**	**0.032**	**0**	**0**	**13.111**
PCB 73 (BZ)	BH		0.62	1.4	0.99	0.96	0.57	0.72	2.8	1.8	0.84	0.62	0.57	0			11.89
PCB 73 (BZ)	COMBINED														0	0	0
PCB 73 (BZ)	CONDENSATE		0.017	0	0	0	0	0	0	0	0.035	0	0	0			0.052
PCB 73 (BZ)	FH		0.089	0.09	0.06	0.13	0.059	0.04	0.18	0.16	0.11	0.079	0.14	0.032			1.169
PCB 74 (BZ)			**29.07**	**47.466**	**29.5**	**33.7**	**25.951**	**34.482**	**85.24**	**24.83**	**33**	**24.196**	**30.81**	**2.1**	**0**	**0**	**400.345**
PCB 74 (BZ)	BH		24	45	28	30	24	33	74	17	23	21	28	1			348
PCB 74 (BZ)	COMBINED														0	0	0
PCB 74 (BZ)	CONDENSATE		0.57	0.066	0.1	0.4	0.051	0.082	0.24	0.23	1	0.096	0.21	0			3.045
PCB 74 (BZ)	FH		4.5	2.4	1.4	3.3	1.9	1.4	11	7.6	9	3.1	2.6	1.1			49.3
PCB 75 (BZ)			**1.611**	**4.77**	**1.92**	**3.92**	**2.02**	**2.587**	**9.49**	**3.494**	**3.87**	**2.12**	**3.04**	**0.25**	**0**	**0**	**39.092**
PCB 75 (BZ)	BH		1.3	4.5	1.8	3.5	1.9	2.5	8.5	2.9	3.2	1.9	2.8	0.12			34.92
PCB 75 (BZ)	COMBINED														0	0	0
PCB 75 (BZ)	CONDENSATE		0.071	0	0	0	0	0	0	0.044	0.15	0	0	0			0.265
PCB 75 (BZ)	FH		0.24	0.27	0.12	0.42	0.12	0.087	0.99	0.55	0.52	0.22	0.24	0.13			3.907
PCB 76 (BZ)			**29.07**	**47.466**	**29.5**	**33.7**	**25.951**	**34.482**	**85.24**	**24.83**	**33**	**24.196**	**30.81**	**2.1**	**0**	**0**	**400.345**
PCB 76 (BZ)	BH		24	45	28	30	24	33	74	17	23	21	28	1			348
PCB 76 (BZ)	COMBINED														0	0	0
PCB 76 (BZ)	CONDENSATE		0.57	0.066	0.1	0.4	0.051	0.082	0.24	0.23	1	0.096	0.21	0			3.045
PCB 76 (BZ)	FH		4.5	2.4	1.4	3.3	1.9	1.4	11	7.6	9	3.1	2.6	1.1			49.3
PCB 77 (BZ)			**3.835**	**3.63**	**8.4**	**6.959**	**4.09**	**2.86**	**24.033**	**5.214**	**6.88**	**2.92**	**3.58**	**0.123**	**0**	**0**	**72.524**
PCB 77 (BZ)	BH		3.4	3.5	8	5.9	3.9	2.7	21	4.4	5.7	2.6	3.2	0.069			64.369
PCB 77 (BZ)	COMBINED														0	0	0
PCB 77 (BZ)	CONDENSATE		0.075	0	0	0.059	0	0	0.033	0.034	0.28	0	0	0			0.481
PCB 77 (BZ)	FH		0.36	0.13	0.4	1	0.19	0.16	3	0.78	0.9	0.32	0.38	0.054			7.674
PCB 78 (BZ)			**1.939**	**1.2**	**1.6**	**4.739**	**2.04**	**0.93**	**13.4**	**2.9**	**3.93**	**0.711**	**1.83**	**0**	**0**	**0**	**35.219**
PCB 78 (BZ)	BH		1.9	1.2	1.6	4.7	2	0.93	12	2.7	3.6	0.63	1.6	0			32.86
PCB 78 (BZ)	COMBINED														0	0	0
PCB 78 (BZ)	CONDENSATE		0.039	0	0	0.039	0	0	0	0	0.15	0	0	0			0.228
PCB 78 (BZ)	FH		0	0	0	0	0.04	0	1.4	0.2	0.18	0.081	0.23	0			2.131
PCB 79 (BZ)			**0.73**	**0.58**	**0.888**	**1.41**	**1**	**0.68**	**5.42**	**2.21**	**1.451**	**0.667**	**0.91**	**0**	**0**	**0**	**15.946**
PCB 79 (BZ)	BH		0.73	0.58	0.86	1.3	1	0.68	4.8	2.1	1.3	0.62	0.76	0			14.73
PCB 79 (BZ)	COMBINED														0	0	0
PCB 79 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.063	0	0	0			0.063
PCB 79 (BZ)	FH		0	0	0.028	0.11	0	0	0.62	0.11	0.088	0.047	0.15	0			1.153
PCB 8 (BZ)			**25.32**	**39.288**	**24.21**	**21.34**	**20.82**	**21.352**	**98.963**	**67.32**	**35.82**	**19.758**	**27.795**	**7.138**	**0.04**	**0**	**409.164**
PCB 8 (BZ)	BH		21	32	22	13	18	19	90	63	32	18	25	3.6			356.6
PCB 8 (BZ)	COMBINED														0.04	0	0.04
PCB 8 (BZ)	CONDENSATE		0.42	0.088	0.11	0.14	0.12	0.052	0.063	0.12	0.42	0.058	0.095	0.038			1.724
PCB 8 (BZ)	FH		3.9	7.2	2.1	8.2	2.7	2.3	8.9	4.2	3.4	1.7	2.7	3.5			50.8
PCB 80 (BZ)			**0**	**0**	**0**	**0.23**	**0**	**0**	**1.1**	**0.89**	**0.4**	**0**	**0**	**0**	**0**	**0**	**2.62**
PCB 80 (BZ)	BH		0	0	0	0.23	0	0	1.1	0.89	0.4	0	0	0			2.62
PCB 80 (BZ)	COMBINED														0	0	0
PCB 80 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 80 (BZ)	FH		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 81 (BZ)			**1.53**	**0.94**	**1.4**	**2.87**	**0.99**	**0.68**	**10.315**	**2.17**	**2.64**	**0.641**	**1.01**	**0**	**0**	**0**	**25.186**

PCBs Laboratory Results Summary

Method EP1668A

Sum of Result		Units	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
		Run															
Analyte	Fraction		D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
PCB 81 (BZ)	BH		1.5	0.94	1.4	2.7	0.95	0.68	9.1	2	2.4	0.58	0.89	0			23.14
PCB 81 (BZ)	COMBINED														0	0	0
PCB 81 (BZ)	CONDENSATE		0.03	0	0	0	0	0	0.015	0	0.1	0	0	0			0.145
PCB 81 (BZ)	FH		0	0	0	0.17	0.04	0	1.2	0.17	0.14	0.061	0.12	0			1.901
PCB 82 (BZ)			**1.42**	**2.51**	**2.4**	**2.58**	**1.53**	**1.59**	**6.59**	**0.62**	**2.227**	**1.82**	**0.24**	**0**	**0**	**0**	**23.527**
PCB 82 (BZ)	BH		1.2	2.4	2.4	2.4	1.4	1.5	5.6	0	1.4	1.5	0	0			19.8
PCB 82 (BZ)	COMBINED														0	0	0
PCB 82 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.087	0	0	0			0.087
PCB 82 (BZ)	FH		0.22	0.11	0	0.18	0.13	0.09	0.99	0.62	0.74	0.32	0.24	0			3.64
PCB 83 (BZ)			**33.26**	**19.85**	**16.529**	**14.04**	**52.7**	**30.93**	**35.695**	**14.32**	**31.8**	**25.22**	**20.31**	**0.6**	**0**	**0**	**295.254**
PCB 83 (BZ)	BH		31	19	16	13	51	30	31	11	27	23	19	0.3			271.3
PCB 83 (BZ)	COMBINED														0	0	0
PCB 83 (BZ)	CONDENSATE		0.76	0	0.079	0.11	0	0.19	0.095	0.12	1.3	0.12	0.11	0			2.884
PCB 83 (BZ)	FH		1.5	0.85	0.45	0.93	1.7	0.74	4.6	3.2	3.5	2.1	1.2	0.3			21.07
PCB 84 (BZ)			**2.63**	**5.56**	**2.393**	**2.69**	**2.81**	**3.76**	**5.13**	**1.59**	**2.749**	**2.772**	**3.551**	**0.25**	**0**	**0**	**35.885**
PCB 84 (BZ)	BH		2.2	5.3	2.3	2.3	2.5	3.6	4.2	0.59	1.6	2.3	3.2	0.11			30.2
PCB 84 (BZ)	COMBINED														0	0	0
PCB 84 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.049	0.012	0.031	0			0.092
PCB 84 (BZ)	FH		0.43	0.26	0.093	0.39	0.31	0.16	0.93	1	1.1	0.46	0.32	0.14			5.593
PCB 85 (BZ)			**2.394**	**2.92**	**3.28**	**4.49**	**1.96**	**2.22**	**7.4**	**2.34**	**2.5**	**2.26**	**2.52**	**0.084**	**0**	**0**	**34.368**
PCB 85 (BZ)	BH		1.8	2.8	3.2	4.1	1.8	2.1	6.1	1.6	1.5	1.9	2.2	0			29.1
PCB 85 (BZ)	COMBINED														0	0	0
PCB 85 (BZ)	CONDENSATE		0.074	0	0	0.03	0	0	0	0	0.08	0	0	0			0.184
PCB 85 (BZ)	FH		0.52	0.12	0.08	0.36	0.16	0.12	1.3	0.74	0.92	0.36	0.32	0.084			5.084
PCB 86 (BZ)			**72.6**	**27.1**	**17.64**	**16.78**	**48.6**	**33.81**	**60.73**	**21.45**	**47.2**	**34.6**	**11.088**	**0.92**	**0**	**0**	**392.518**
PCB 86 (BZ)	BH		69	26	17	15	47	33	54	17	41	32	9.7	0.55			361.25
PCB 86 (BZ)	COMBINED														0	0	0
PCB 86 (BZ)	CONDENSATE		1.1	0	0	0.28	0	0.11	0.13	0.15	1.6	0.1	0.088	0			3.558
PCB 86 (BZ)	FH		2.5	1.1	0.64	1.5	1.6	0.7	6.6	4.3	4.6	2.5	1.3	0.37			27.71
PCB 87 (BZ)			**72.6**	**27.1**	**17.64**	**16.78**	**48.6**	**33.81**	**60.73**	**21.45**	**47.2**	**34.6**	**11.088**	**0.92**	**0**	**0**	**392.518**
PCB 87 (BZ)	BH		69	26	17	15	47	33	54	17	41	32	9.7	0.55			361.25
PCB 87 (BZ)	COMBINED														0	0	0
PCB 87 (BZ)	CONDENSATE		1.1	0	0	0.28	0	0.11	0.13	0.15	1.6	0.1	0.088	0			3.558
PCB 87 (BZ)	FH		2.5	1.1	0.64	1.5	1.6	0.7	6.6	4.3	4.6	2.5	1.3	0.37			27.71
PCB 88 (BZ)			**1.989**	**3.11**	**1.21**	**1.61**	**1.74**	**2.4**	**5.32**	**0.62**	**1.894**	**1.64**	**1.64**	**0.127**	**0**	**0**	**23.3**
PCB 88 (BZ)	BH		1.7	3	1.1	1.4	1.6	2.4	4.6	0	1.1	1.3	1.5	0.062			19.762
PCB 88 (BZ)	COMBINED														0	0	0
PCB 88 (BZ)	CONDENSATE		0.019	0	0	0	0	0	0	0	0.054	0	0	0			0.073
PCB 88 (BZ)	FH		0.27	0.11	0.11	0.21	0.14	0	0.72	0.62	0.74	0.34	0.14	0.065			3.465
PCB 89 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**1.56**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.56**
PCB 89 (BZ)	BH		0	0	0	0	0	0	1.4	0	0	0	0	0			1.4
PCB 89 (BZ)	COMBINED														0	0	0
PCB 89 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 89 (BZ)	FH		0	0	0	0	0	0	0.16	0	0	0	0	0			0.16
PCB 9 (BZ)			**18.47**	**11.53**	**9.69**	**20.53**	**16.29**	**9.8**	**57.246**	**39.442**	**18.63**	**7.33**	**15.515**	**0.53**	**0**	**0**	**225.003**
PCB 9 (BZ)	BH		18	11	9.5	20	16	9.6	56	39	18	7.1	15	0.29			219.49
PCB 9 (BZ)	COMBINED														0	0	0
PCB 9 (BZ)	CONDENSATE		0.18	0	0	0	0	0	0.046	0.052	0.33	0	0.035	0			0.643
PCB 9 (BZ)	FH		0.29	0.53	0.19	0.53	0.29	0.2	1.2	0.39	0.3	0.23	0.48	0.24			4.87
PCB 90 (BZ)			**9.72**	**22.5**	**13.555**	**12.97**	**10.9**	**24.723**	**25.071**	**7.82**	**9.99**	**11.262**	**13.392**	**1.22**	**0**	**0**	**163.123**
PCB 90 (BZ)	BH		6.9	21	13	11	9.7	24	20	3.6	4.8	9.1	12	0.64			135.74
PCB 90 (BZ)	COMBINED														0	0	0
PCB 90 (BZ)	CONDENSATE		0.22	0	0.045	0.17	0	0.043	0.071	0.12	0.39	0.062	0.092	0			1.213
PCB 90 (BZ)	FH		2.6	1.5	0.51	1.8	1.2	0.68	5	4.1	4.8	2.1	1.3	0.58			26.17
PCB 91 (BZ)			**1.989**	**3.11**	**1.21**	**1.61**	**1.74**	**2.4**	**5.32**	**0.62**	**1.894**	**1.64**	**1.64**	**0.127**	**0**	**0**	**23.3**
PCB 91 (BZ)	BH		1.7	3	1.1	1.4	1.6	2.4	4.6	0	1.1	1.3	1.5	0.062			19.762
PCB 91 (BZ)	COMBINED														0	0	0
PCB 91 (BZ)	CONDENSATE		0.019	0	0	0	0	0	0	0	0.054	0	0	0			0.073
PCB 91 (BZ)	FH		0.27	0.11	0.11	0.21	0.14	0	0.72	0.62	0.74	0.34	0.14	0.065			3.465
PCB 92 (BZ)			**1.51**	**2.79**	**1.4**	**1.24**	**1.4**	**1.968**	**3.41**	**1.02**	**0.827**	**1.41**	**1.5**	**0.178**	**0**	**0**	**18.653**
PCB 92 (BZ)	BH		1.2	2.6	1.4	1	1.2	1.9	2.7	0.44	0	1.1	1.3	0.068			14.908

PCBs Laboratory Results Summary

Method EP1668A

Sum of Result		Units	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	Run	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
PCB 92 (BZ)	COMBINED														0	0	0
PCB 92 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0.037	0	0	0			0.037
PCB 92 (BZ)	FH		0.31	0.19	0	0.24	0.2	0.068	0.71	0.58	0.79	0.31	0.2	0.11			3.708
PCB 93 (BZ)			**0**	**0**	**0**	**0.043**	**0**	**0**	**0**	**0**	**0.04**	**0**	**0**	**0**	**0**	**0**	**0.083**
PCB 93 (BZ)	BH		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 93 (BZ)	COMBINED														0	0	0
PCB 93 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 93 (BZ)	FH		0	0	0	0.043	0	0	0	0	0.04	0	0	0			0.083
PCB 94 (BZ)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PCB 94 (BZ)	BH		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 94 (BZ)	COMBINED														0	0	0
PCB 94 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 94 (BZ)	FH		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 95 (BZ)			**8.9**	**21.1**	**9.778**	**8.096**	**9.04**	**14.58**	**18.6**	**7.01**	**9.1**	**10.849**	**10.93**	**0.86**	**0**	**0**	**128.843**
PCB 95 (BZ)	BH		7.1	20	9.3	6.8	8.3	14	15	3.7	5.2	9.5	9.8	0.38			109.08
PCB 95 (BZ)	COMBINED														0	0	0
PCB 95 (BZ)	CONDENSATE		0.2	0	0.048	0.096	0	0	0	0.11	0.2	0.049	0.13	0			0.833
PCB 95 (BZ)	FH		1.6	1.1	0.43	1.2	0.74	0.58	3.6	3.2	3.7	1.3	1	0.48			18.93
PCB 96 (BZ)			**0**	**0.51**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.51**
PCB 96 (BZ)	BH		0	0.51	0	0	0	0	0	0	0	0	0	0			0.51
PCB 96 (BZ)	COMBINED														0	0	0
PCB 96 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 96 (BZ)	FH		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 97 (BZ)			**72.6**	**27.1**	**17.64**	**16.78**	**48.6**	**33.81**	**60.73**	**21.45**	**47.2**	**34.6**	**11.088**	**0.92**	**0**	**0**	**392.518**
PCB 97 (BZ)	BH		69	26	17	15	47	33	54	17	41	32	9.7	0.55			361.25
PCB 97 (BZ)	COMBINED														0	0	0
PCB 97 (BZ)	CONDENSATE		1.1	0	0	0.28	0	0.11	0.13	0.15	1.6	0.1	0.088	0			3.558
PCB 97 (BZ)	FH		2.5	1.1	0.64	1.5	1.6	0.7	6.6	4.3	4.6	2.5	1.3	0.37			27.71
PCB 98 (BZ)			**0.13**	**0.72**	**0**	**0.13**	**0**	**0**	**1.56**	**0.11**	**0.19**	**0**	**0**	**0**	**0**	**0**	**2.84**
PCB 98 (BZ)	BH		0	0.72	0	0	0	0	1.3	0	0	0	0	0			2.02
PCB 98 (BZ)	COMBINED														0	0	0
PCB 98 (BZ)	CONDENSATE		0	0	0	0	0	0	0	0	0	0	0	0			0
PCB 98 (BZ)	FH		0.13	0	0	0.13	0	0	0.26	0.11	0.19	0	0	0			0.82
PCB 99 (BZ)			**33.26**	**19.85**	**16.529**	**14.04**	**52.7**	**30.93**	**35.695**	**14.32**	**31.8**	**25.22**	**20.31**	**0.6**	**0**	**0**	**295.254**
PCB 99 (BZ)	BH		31	19	16	13	51	30	31	11	27	23	19	0.3			271.3
PCB 99 (BZ)	COMBINED														0	0	0
PCB 99 (BZ)	CONDENSATE		0.76	0	0.079	0.11	0	0.19	0.095	0.12	1.3	0.12	0.11	0			2.884
PCB 99 (BZ)	FH		1.5	0.85	0.45	0.93	1.7	0.74	4.6	3.2	3.5	2.1	1.2	0.3			21.07
Pentachlorobiphenyl (total)			**158.7**	**148.011**	**93.89**	**97.1**	**158.6**	**144.98**	**262.41**	**86.7**	**138.8**	**114.45**	**94.19**	**6.2**	**0**	**0**	**1504.031**
Pentachlorobiphenyl (total)	BH		140	140	90	85	150	140	220	57	100	100	84	3.2			1309.2
Pentachlorobiphenyl (total)	COMBINED														0	0	0
Pentachlorobiphenyl (total)	CONDENSATE		2.7	0.011	0.29	1.1	0	0.38	0.41	0.7	4.8	0.45	0.59	0			11.431
Pentachlorobiphenyl (total)	FH		16	8	3.6	11	8.6	4.6	42	29	34	14	9.6	3			183.4
Tetrachlorobiphenyl (total)			**171.3**	**340.31**	**170.43**	**182.4**	**155.27**	**201.44**	**468.1**	**143.2**	**172.2**	**147.62**	**179.2**	**24.16**	**0.14**	**0.13**	**2355.9**
Tetrachlorobiphenyl (total)	BH		140	310	160	150	140	190	400	98	120	130	160	12			2010
Tetrachlorobiphenyl (total)	COMBINED														0.14	0.13	0.27
Tetrachlorobiphenyl (total)	CONDENSATE		3.3	0.31	0.43	1.4	0.27	0.44	1.1	1.2	5.2	0.62	1.2	0.16			15.63
Tetrachlorobiphenyl (total)	FH		28	30	10	31	15	11	67	44	47	17	18	12			330
Trichlorobiphenyl (total)			**201.3**	**312.35**	**202.7**	**259.5**	**194.28**	**162.43**	**671.3**	**285.6**	**217.9**	**132.41**	**165.94**	**30.18**	**0.18**	**0**	**2836.07**
Trichlorobiphenyl (total)	BH		170	280	190	220	180	150	600	250	180	120	150	15			2505
Trichlorobiphenyl (total)	COMBINED														0.18	0	0.18
Trichlorobiphenyl (total)	CONDENSATE		4.3	0.35	0.7	1.5	0.28	0.43	1.3	1.6	7.9	0.41	0.94	0.18			19.89
Trichlorobiphenyl (total)	FH		27	32	12	38	14	12	70	34	30	12	15	15			311

PAHs Laboratory Results Summary

Method KNID-0016

Sum of Result		Units	Run														
		ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
1-Methylnaphthalene		**160061**	**59074**	**120071**	**210137**	**110085**	**89108**	**430430**	**420168**	**250148**	**310100**	**140200**	**169**	**12**	**0**		**2299763**
1-Methylnaphthalene	BH	160000	59000	120000	210000	110000	89000	430000	420000	250000	310000	140000	100				2298100
1-Methylnaphthalene	COMBINED													12	0		12
1-Methylnaphthalene	CONDENSATE	22	0	13	17	21	16	0	18	18	0	0	0				125
1-Methylnaphthalene	FH	39	74	58	120	64	92	430	150	130	100	200	69				1526
1-Methylphenanthrene		**13296**	**7366**	**13102**	**18660**	**16140**	**13296**	**55290**	**44390**	**29300**	**40670**	**17950**	**120**	**0**	**0**		**269580**
1-Methylphenanthrene	BH	13000	7300	13000	18000	16000	13000	51000	43000	28000	40000	17000	100				259400
1-Methylphenanthrene	COMBINED													0	0		0
1-Methylphenanthrene	CONDENSATE	240	16	51	110	30	26	190	290	580	130	140	0				1803
1-Methylphenanthrene	FH	56	50	51	550	110	270	4100	1100	720	540	810	20				8377
2,3,5-Trimethylnaphthalene		**4431**	**2933**	**5314.8**	**7047.5**	**4815**	**5325**	**19120**	**23065.5**	**33212**	**15050**	**9498**	**58**	**2.6**	**0**		**129872.4**
2,3,5-Trimethylnaphthalene	BH	4400	2900	5300	7000	4800	5300	19000	23000	33000	15000	9400	35				129135
2,3,5-Trimethylnaphthalene	COMBINED													2.6	0		2.6
2,3,5-Trimethylnaphthalene	CONDENSATE	17	0	4.8	8.5	0	0	0	7.5	140	0	0	0				177.8
2,3,5-Trimethylnaphthalene	FH	14	33	10	39	15	25	120	58	72	50	98	23				557
2,6-Dimethylnaphthalene		**21028**	**9042**	**16025**	**25060**	**17028**	**13035**	**62180**	**68062**	**44070**	**53048**	**25086**	**80**	**0**	**0**		**353744**
2,6-Dimethylnaphthalene	BH	21000	9000	16000	25000	17000	13000	62000	68000	44000	53000	25000	50				353050
2,6-Dimethylnaphthalene	COMBINED													0	0		0
2,6-Dimethylnaphthalene	CONDENSATE	10	0	0	0	0	0	0	0	15	0	0	0				25
2,6-Dimethylnaphthalene	FH	18	42	25	60	28	35	180	62	55	48	86	30				669
2-Methylnaphthalene		**170061**	**47120**	**99080**	**180160**	**110090**	**86120**	**420450**	**410160**	**240150**	**310120**	**130200**	**230**	**0**	**0**		**2203941**
2-Methylnaphthalene	BH	170000	47000	99000	180000	110000	86000	420000	410000	240000	310000	130000	130				2202130
2-Methylnaphthalene	COMBINED													0	0		0
2-Methylnaphthalene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
2-Methylnaphthalene	FH	61	120	80	160	90	120	450	160	150	120	200	100				1811
Acenaphthene		**16044.2**	**5218**	**11010**	**19044**	**15014**	**7719**	**43170**	**47117**	**26248**	**34035**	**14099**	**35**	**0**	**0**		**238753.2**
Acenaphthene	BH	16000	5200	11000	19000	15000	7700	43000	47000	26000	34000	14000	22				237922
Acenaphthene	COMBINED													0	0		0
Acenaphthene	CONDENSATE	35	0	0	12	0	0	0	71	210	0	17	0				345
Acenaphthene	FH	9.2	18	10	32	14	19	170	46	38	35	82	13				486.2
Acenaphthylene		**83083**	**25035.8**	**52037.4**	**84114**	**69058.3**	**48074.1**	**290692.4**	**190183**	**150233**	**190133.8**	**58247.8**	**106**	**0**	**0**		**1240998.6**
Acenaphthylene	BH	83000	25000	52000	84000	69000	48000	290000	190000	150000	190000	58000	71				1239071
Acenaphthylene	COMBINED													0	0		0
Acenaphthylene	CONDENSATE	58	1.8	5.4	21	6.3	5.1	2.4	23	73	3.8	7.8	0				207.6
Acenaphthylene	FH	25	34	32	93	52	69	690	160	160	130	240	35				1720
Anthracene		**16151**	**4664**	**17058**	**24298**	**16112**	**16135**	**85820**	**70930**	**53090**	**57504**	**26844**	**92**	**0**	**0**		**388698**
Anthracene	BH	16000	4600	17000	24000	16000	16000	82000	70000	52000	57000	26000	68				380668
Anthracene	COMBINED													0	0		0
Anthracene	CONDENSATE	110	24	16	58	16	25	120	170	510	74	84	0				1207
Anthracene	FH	41	40	42	240	96	110	3700	760	580	430	760	24				6823
Benzo(a)anthracene		**5614**	**5736.2**	**4633**	**7776**	**6127.7**	**10193**	**50016**	**30420**	**25750**	**29622**	**12064**	**60**	**0**	**0**		**188011.9**
Benzo(a)anthracene	BH	4800	5500	4400	6400	5700	9400	37000	25000	21000	26000	9900	41				155141
Benzo(a)anthracene	COMBINED													0	0		0
Benzo(a)anthracene	CONDENSATE	64	6.2	33	76	7.7	13	16	120	450	22	64	0				871.9
Benzo(a)anthracene	FH	750	230	200	1300	420	780	13000	5300	4300	3600	2100	19				31999
Benzo(a)pyrene		**4615**	**2100**	**4140**	**6237**	**5503**	**2914**	**15869**	**11550**	**10660**	**13337**	**4730**	**34**	**0**	**0**		**81689**
Benzo(a)pyrene	BH	2100	1500	3700	4800	4400	1800	3800	3500	4800	7400	2500	16				40316
Benzo(a)pyrene	COMBINED													0	0		0
Benzo(a)pyrene	CONDENSATE	15	0	40	37	3	14	69	50	260	37	30	0				555
Benzo(a)pyrene	FH	2500	600	400	1400	1100	1100	12000	8000	5600	5900	2200	18				40818
Benzo(b)fluoranthene		**8975**	**3916.1**	**5900**	**10289**	**8507.8**	**2117**	**23014**	**13054**	**8440**	**7516**	**3450**	**35**	**0**	**0**		**95213.9**
Benzo(b)fluoranthene	BH	4400	3100	5000	7400	6100	0	0	0	0	0	0	0				26000
Benzo(b)fluoranthene	COMBINED													0	0		0
Benzo(b)fluoranthene	CONDENSATE	75	6.1	40	89	7.8	17	14	54	440	16	50	0				808.9
Benzo(b)fluoranthene	FH	4500	810	860	2800	2400	2100	23000	13000	8000	7500	3400	35				68405
Benzo(e)pyrene		**4360**	**2571**	**4190**	**6099**	**5309**	**4060**	**11670**	**7700**	**11500**	**10780**	**4750**	**78**	**0**	**0**		**73067**
Benzo(e)pyrene	BH	2100	2000	3600	4400	4200	2600	0	0	4600	5900	2500	55				31955

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Sum of Result		Units	Run														
		ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
Benzo(e)pyrene	COMBINED													0	0		0
Benzo(e)pyrene	CONDENSATE	160	71	110	99	9	260	670	700	2300	380	250	0				5009
Benzo(e)pyrene	FH	2100	500	480	1600	1100	1200	11000	7000	4600	4500	2000	23				36103
Benzo(ghi)perylene		**4936.9**	**1562.5**	**2611**	**3915**	**3502.6**	**2995.6**	**12002.2**	**6606.8**	**5738**	**8703.4**	**2406.9**	**294**	**0**	**0**		**55274.9**
Benzo(ghi)perylene	BH	430	560	1400	1300	1200	990	0	0	0	1500	0	220				7600
Benzo(ghi)perylene	COMBINED													0	0		0
Benzo(ghi)perylene	CONDENSATE	6.9	2.5	11	15	2.6	5.6	2.2	6.8	38	3.4	6.9	0				100.9
Benzo(ghi)perylene	FH	4500	1000	1200	2600	2300	2000	12000	6600	5700	7200	2400	74				47574
Benzo(k)fluoranthene		**1300**	**290**	**260**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**1850**
Benzo(k)fluoranthene	BH	0	0	0	0	0	0	0	0	0	0	0	0				0
Benzo(k)fluoranthene	COMBINED													0	0		0
Benzo(k)fluoranthene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0				0
Benzo(k)fluoranthene	FH	1300	290	260	0	0	0	0	0	0	0	0	0				1850
Biphenyl		**890790**	**210770**	**290700**	**531190**	**470820**	**320980**	**1903820**	**1101220**	**931410**	**680980**	**551720**	**1670**	**240**	**260**		**7886570**
Biphenyl	BH	890000	210000	290000	530000	470000	320000	1900000	1100000	930000	680000	550000	810				7870810
Biphenyl	COMBINED													240	260		500
Biphenyl	CONDENSATE	340	190	210	210	200	200	220	220	310	210	220	200				2730
Biphenyl	FH	450	580	490	980	620	780	3600	1000	1100	770	1500	660				12530
Chrysene		**11770**	**6486**	**9479**	**32400**	**13018**	**17632**	**76070**	**51560**	**44000**	**41253**	**21760**	**145**	**0**	**0**		**325573**
Chrysene	BH	8700	5700	8600	28000	11000	16000	54000	43000	37000	36000	18000	110				266110
Chrysene	COMBINED													0	0		0
Chrysene	CONDENSATE	270	16	79	200	18	32	70	260	1000	53	160	0				2158
Chrysene	FH	2800	770	800	4200	2000	1600	22000	8300	6000	5200	3600	35				57305
Dibenz(a,h)anthracene		**1002.3**	**250**	**622.7**	**1244.2**	**1140**	**560**	**2700**	**1700**	**1615**	**1600**	**852.4**	**8.7**	**0**	**0**		**13295.3**
Dibenz(a,h)anthracene	BH	0	0	320	400	360	0	0	0	0	0	0	0				1080
Dibenz(a,h)anthracene	COMBINED													0	0		0
Dibenz(a,h)anthracene	CONDENSATE	2.3	0	2.7	4.2	0	0	0	0	15	0	2.4	0				26.6
Dibenz(a,h)anthracene	FH	1000	250	300	840	780	560	2700	1700	1600	1600	850	8.7				12188.7
Fluoranthene		**28820**	**15216**	**24330**	**39010**	**29582**	**28644**	**106400**	**78550**	**64200**	**70240**	**29870**	**314**	**0**	**0**		**515176**
Fluoranthene	BH	28000	15000	24000	37000	29000	28000	94000	74000	60000	68000	28000	270				485270
Fluoranthene	COMBINED													0	0		0
Fluoranthene	CONDENSATE	510	36	120	310	82	74	400	650	1300	340	270	0				4092
Fluoranthene	FH	310	180	210	1700	500	570	12000	3900	2900	1900	1600	44				25814
Fluorene		**72405**	**28112**	**46076**	**77352**	**57111**	**47169.1**	**262316**	**230518**	**150720**	**160390**	**88990**	**304.6**	**9.4**	**11**		**1221484.1**
Fluorene	BH	72000	28000	46000	77000	57000	47000	260000	230000	150000	160000	88000	210				1215210
Fluorene	COMBINED													9.4	11		20.4
Fluorene	CONDENSATE	350	12	11	22	11	9.1	16	48	240	10	30	5.6				764.7
Fluorene	FH	55	100	65	330	100	160	2300	470	480	380	960	89				5489
Indeno(1,2,3-cd)pyrene		**3878.1**	**1420**	**2008.5**	**3513**	**3100**	**2313.9**	**9100**	**4805.3**	**5379**	**6700**	**2386.4**	**66**	**0**	**0**		**44670.2**
Indeno(1,2,3-cd)pyrene	BH	470	600	1100	1300	1200	910	0	0	940	1300	580	36				8436
Indeno(1,2,3-cd)pyrene	COMBINED													0	0		0
Indeno(1,2,3-cd)pyrene	CONDENSATE	8.1	0	8.5	13	0	3.9	0	5.3	39	0	6.4	0				84.2
Indeno(1,2,3-cd)pyrene	FH	3400	820	900	2200	1900	1400	9100	4800	4400	5400	1800	30				36150
Naphthalene		**890673**	**210874**	**380826**	**630834**	**480665**	**480768**	**2201467**	**1701100**	**1100926**	**1400739**	**511154**	**560**	**0**	**0**		**9990586**
Naphthalene	BH	890000	210000	380000	630000	480000	480000	2200000	1700000	1100000	1400000	510000	0				9980000
Naphthalene	COMBINED													0	0		0
Naphthalene	CONDENSATE	63	54	66	94	95	88	67	100	86	59	54	0				826
Naphthalene	FH	610	820	760	740	570	680	1400	1000	840	680	1100	560				9760
Perylene		**534.3**	**160**	**489**	**867.5**	**940**	**1547**	**5034**	**3072**	**5720**	**5216**	**5552**	**255**	**0**	**0**		**29386.8**
Perylene	BH	270	0	400	500	560	860	0	0	2100	2200	2100	220				9210
Perylene	COMBINED													0	0		0
Perylene	CONDENSATE	4.3	0	0	7.5	0	27	34	72	320	16	52	0				532.8
Perylene	FH	260	160	89	360	380	660	5000	3000	3300	3000	3400	35				19644
Phenanthrene		**172200**	**77430**	**110440**	**182520**	**150638**	**120906**	**510820**	**374300**	**285300**	**292280**	**144380**	**1020**	**0**	**0**		**2422234**
Phenanthrene	BH	170000	77000	110000	180000	150000	120000	490000	370000	280000	290000	140000	800				2377800
Phenanthrene	COMBINED													0	0		0
Phenanthrene	CONDENSATE	1900	70	120	320	68	66	820	700	2100	280	380	0				6824

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Sum of Result		Units	Run													
		ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
Phenanthrene	FH	300	360	320	2200	570	840	20000	3600	3200	2000	4000	220			37610
Pyrene		**23840**	**12268**	**23360**	**37020**	**27695**	**25688**	**100310**	**81940**	**58600**	**73130**	**29180**	**470**	**0**	**0**	**493501**
Pyrene	BH	23000	12000	23000	35000	27000	25000	87000	76000	54000	70000	27000	470			459470
Pyrene	COMBINED													0	0	0
Pyrene	CONDENSATE	390	38	120	320	75	78	310	640	1300	330	280	0			3881
Pyrene	FH	450	230	240	1700	620	610	13000	5300	3300	2800	1900	0			30150

SVOCs Laboratory Results Summary

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Sum of Result		Units	Run													
		ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
1,2,4-Trichlorobenzene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1,2,4-Trichlorobenzene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
1,2,4-Trichlorobenzene	COMBINED													0	0	0
1,2,4-Trichlorobenzene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
1,2,4-Trichlorobenzene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
1,2-Dichlorobenzene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1,2-Dichlorobenzene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
1,2-Dichlorobenzene	COMBINED													0	0	0
1,2-Dichlorobenzene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
1,2-Dichlorobenzene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
1,2-Diphenylhydrazine		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1,2-Diphenylhydrazine	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
1,2-Diphenylhydrazine	COMBINED													0	0	0
1,2-Diphenylhydrazine	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
1,2-Diphenylhydrazine	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
1,3-Dichlorobenzene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1,3-Dichlorobenzene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
1,3-Dichlorobenzene	COMBINED													0	0	0
1,3-Dichlorobenzene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
1,3-Dichlorobenzene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
1,4-Dichlorobenzene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1,4-Dichlorobenzene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
1,4-Dichlorobenzene	COMBINED													0	0	0
1,4-Dichlorobenzene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
1,4-Dichlorobenzene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,2'-Oxybis(1-Chloropropane)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2,2'-Oxybis(1-Chloropropane)	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,2'-Oxybis(1-Chloropropane)	COMBINED													0	0	0
2,2'-Oxybis(1-Chloropropane)	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2,2'-Oxybis(1-Chloropropane)	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4,5-Trichlorophenol		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2,4,5-Trichlorophenol	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4,5-Trichlorophenol	COMBINED													0	0	0
2,4,5-Trichlorophenol	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4,5-Trichlorophenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4,6-Trichlorophenol		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2,4,6-Trichlorophenol	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4,6-Trichlorophenol	COMBINED													0	0	0

SVOCs Laboratory Results Summary

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Sum of Result		Units	Run													
		ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
2,4,6-Trichlorophenol	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4,6-Trichlorophenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4-Dichlorophenol		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2,4-Dichlorophenol	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4-Dichlorophenol	COMBINED													0	0	0
2,4-Dichlorophenol	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4-Dichlorophenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4-Dimethylphenol		**0**	**0**	**31**	**160**	**0**	**0**	**260**	**290**	**150**	**280**	**80**	**0**	**0**	**0**	**1251**
2,4-Dimethylphenol	BH	0	0	31	160	0	0	260	290	150	280	80	0			1251
2,4-Dimethylphenol	COMBINED													0	0	0
2,4-Dimethylphenol	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4-Dimethylphenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4-Dinitrophenol		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2,4-Dinitrophenol	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4-Dinitrophenol	COMBINED													0	0	0
2,4-Dinitrophenol	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4-Dinitrophenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4-Dinitrotoluene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2,4-Dinitrotoluene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4-Dinitrotoluene	COMBINED													0	0	0
2,4-Dinitrotoluene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2,4-Dinitrotoluene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,6-Dinitrotoluene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2,6-Dinitrotoluene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
2,6-Dinitrotoluene	COMBINED													0	0	0
2,6-Dinitrotoluene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2,6-Dinitrotoluene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Chloronaphthalene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2-Chloronaphthalene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Chloronaphthalene	COMBINED													0	0	0
2-Chloronaphthalene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Chloronaphthalene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Chlorophenol		**0**	**9.2**	**0**	**0**	**0**	**0**	**38**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**47.2**
2-Chlorophenol	BH	0	9.2	0	0	0	0	38	0	0	0	0	0			47.2
2-Chlorophenol	COMBINED													0	0	0
2-Chlorophenol	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Chlorophenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Methylnaphthalene		**220**	**56**	**82**	**200**	**130**	**73**	**370**	**390**	**210**	**280**	**120**	**0**	**0**	**0**	**2131**

SVOCs Laboratory Results Summary

Method SW8270C

Sum of Result		Units	Run													
		ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
2-Methylnaphthalene	BH	220	56	82	200	130	73	370	390	210	280	120	0			2131
2-Methylnaphthalene	COMBINED													0	0	0
2-Methylnaphthalene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Methylnaphthalene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Methylphenol		**420**	**88**	**133.4**	**330**	**239**	**100**	**762.6**	**640**	**380**	**662.2**	**234.8**	**0**	**0**	**0**	**3990**
2-Methylphenol	BH	420	88	130	300	210	100	760	640	380	660	230	0			3918
2-Methylphenol	COMBINED													0	0	0
2-Methylphenol	CONDENSATE	0	0	3.4	30	29	0	2.6	0	0	2.2	4.8	0			72
2-Methylphenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Nitroaniline		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2-Nitroaniline	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Nitroaniline	COMBINED													0	0	0
2-Nitroaniline	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Nitroaniline	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Nitrophenol		**0**	**0**	**6.8**	**0**	**0**	**52**	**35**	**180**	**69**	**86**	**6.7**	**0**	**0**	**0**	**435.5**
2-Nitrophenol	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
2-Nitrophenol	COMBINED													0	0	0
2-Nitrophenol	CONDENSATE	0	0	6.8	0	0	52	35	180	69	86	6.7	0			435.5
2-Nitrophenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
3,3'-Dichlorobenzidine		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
3,3'-Dichlorobenzidine	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
3,3'-Dichlorobenzidine	COMBINED													0	0	0
3,3'-Dichlorobenzidine	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
3,3'-Dichlorobenzidine	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
3-Methylphenol & 4-Methylphenol		**856**	**180**	**276**	**630**	**432**	**180**	**1222**	**1315**	**750**	**1115**	**442**	**0**	**0**	**0**	**7398**
3-Methylphenol & 4-Methylphenol	BH	840	180	260	530	340	180	1200	1300	740	1100	420	0			7090
3-Methylphenol & 4-Methylphenol	COMBINED													0	0	0
3-Methylphenol & 4-Methylphenol	CONDENSATE	16	0	16	100	92	0	22	15	10	15	22	0			308
3-Methylphenol & 4-Methylphenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
3-Nitroaniline		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
3-Nitroaniline	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
3-Nitroaniline	COMBINED													0	0	0
3-Nitroaniline	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
3-Nitroaniline	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
4,6-Dinitro-2-methylphenol		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
4,6-Dinitro-2-methylphenol	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
4,6-Dinitro-2-methylphenol	COMBINED													0	0	0
4,6-Dinitro-2-methylphenol	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0

SVOCs Laboratory Results Summary

Method SW8270C

Sum of Result		Units	Run													
		ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
4,6-Dinitro-2-methylphenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Bromophenyl phenyl ether		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
4-Bromophenyl phenyl ether	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Bromophenyl phenyl ether	COMBINED													0	0	0
4-Bromophenyl phenyl ether	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Bromophenyl phenyl ether	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Chloro-3-methylphenol		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
4-Chloro-3-methylphenol	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Chloro-3-methylphenol	COMBINED													0	0	0
4-Chloro-3-methylphenol	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Chloro-3-methylphenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Chloroaniline		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
4-Chloroaniline	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Chloroaniline	COMBINED													0	0	0
4-Chloroaniline	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Chloroaniline	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Chlorophenyl phenyl ether		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
4-Chlorophenyl phenyl ether	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Chlorophenyl phenyl ether	COMBINED													0	0	0
4-Chlorophenyl phenyl ether	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Chlorophenyl phenyl ether	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Nitroaniline		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
4-Nitroaniline	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Nitroaniline	COMBINED													0	0	0
4-Nitroaniline	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Nitroaniline	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Nitrophenol		**0**	**0**	**0**	**0**	**0**	**76**	**62**	**200**	**73**	**100**	**0**	**0**	**0**	**0**	**511**
4-Nitrophenol	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
4-Nitrophenol	COMBINED													0	0	0
4-Nitrophenol	CONDENSATE	0	0	0	0	0	76	62	200	73	100	0	0			511
4-Nitrophenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Acenaphthene		**0**	**0**	**8.4**	**21**	**0**	**0**	**0**	**46**	**0**	**29**	**0**	**0**	**0**	**0**	**104.4**
Acenaphthene	BH	0	0	8.4	21	0	0	0	46	0	29	0	0			104.4
Acenaphthene	COMBINED													0	0	0
Acenaphthene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Acenaphthene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Acenaphthylene		**96**	**26**	**39**	**100**	**63**	**41**	**300**	**200**	**140**	**190**	**60**	**0**	**0**	**0**	**1255**
Acenaphthylene	BH	96	26	39	100	63	41	300	200	140	190	60	0			1255

SVOCs Laboratory Results Summary

Method SW8270C

Sum of Result		Units	Run														
		ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2		
Acenaphthylene	COMBINED													0	0	0	
Acenaphthylene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0	
Acenaphthylene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Acetophenone		**1300**	**250**	**340**	**810**	**640**	**354.9**	**1800**	**1300**	**870**	**780**	**560**	**0**	**0**	**0**	**9004.9**	
Acetophenone	BH	1300	250	340	810	640	350	1800	1300	870	780	560	0			9000	
Acetophenone	COMBINED													0	0	0	
Acetophenone	CONDENSATE	0	0	0	0	0	4.9	0	0	0	0	0	0			4.9	
Acetophenone	FH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Aniline		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Aniline	BH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Aniline	COMBINED													0	0	0	
Aniline	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0	
Aniline	FH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Anthracene		**0**	**0**	**13**	**30**	**18**	**13**	**76**	**70**	**47**	**55**	**26**	**0**	**0**	**0**	**348**	
Anthracene	BH	0	0	13	30	18	13	76	70	47	55	26	0			348	
Anthracene	COMBINED													0	0	0	
Anthracene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0	
Anthracene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzidine		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Benzidine	BH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzidine	COMBINED													0	0	0	
Benzidine	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzidine	FH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzo(a)anthracene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Benzo(a)anthracene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzo(a)anthracene	COMBINED													0	0	0	
Benzo(a)anthracene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzo(a)anthracene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzo(a)pyrene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Benzo(a)pyrene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzo(a)pyrene	COMBINED													0	0	0	
Benzo(a)pyrene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzo(a)pyrene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzo(b)fluoranthene		**0**	**0**	**0**	**0**	**0**	**0**	**19**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**19**	
Benzo(b)fluoranthene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzo(b)fluoranthene	COMBINED													0	0	0	
Benzo(b)fluoranthene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0	
Benzo(b)fluoranthene	FH	0	0	0	0	0	0	19	0	0	0	0	0			19	

SVOCs Laboratory Results Summary

Method SW8270C

Sum of Result		Units	Run													
		ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
Benzo(ghi)perylene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5.4**	**0**	**0**	**0**	**0**	**5.4**
Benzo(ghi)perylene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Benzo(ghi)perylene	COMBINED													0	0	0
Benzo(ghi)perylene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Benzo(ghi)perylene	FH	0	0	0	0	0	0	0	0	0	5.4	0	0			5.4
Benzo(k)fluoranthene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Benzo(k)fluoranthene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Benzo(k)fluoranthene	COMBINED													0	0	0
Benzo(k)fluoranthene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Benzo(k)fluoranthene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Benzoic acid		**7400**	**1710**	**1090**	**2400**	**2190**	**1740**	**12870**	**4300**	**2180**	**2150**	**1550**	**130**	**0**	**0**	**39710**
Benzoic acid	BH	5500	1600	530	1400	990	1400	10000	1700	1400	1400	630	130			26680
Benzoic acid	COMBINED													0	0	0
Benzoic acid	CONDENSATE	1900	110	560	1000	1200	340	2700	2600	780	750	920	0			12860
Benzoic acid	FH	0	0	0	0	0	0	170	0	0	0	0	0			170
Benzyl alcohol		**12**	**34**	**36**	**69**	**71**	**87.5**	**37**	**30**	**15**	**18**	**8.1**	**0**	**0**	**0**	**417.6**
Benzyl alcohol	BH	0	34	31	55	71	79	0	0	0	0	0	0			270
Benzyl alcohol	COMBINED													0	0	0
Benzyl alcohol	CONDENSATE	12	0	5	14	0	8.5	37	30	15	18	8.1	0			147.6
Benzyl alcohol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
bis(2-Chloroethoxy)methane		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
bis(2-Chloroethoxy)methane	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
bis(2-Chloroethoxy)methane	COMBINED													0	0	0
bis(2-Chloroethoxy)methane	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
bis(2-Chloroethoxy)methane	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
bis(2-Chloroethyl) ether		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
bis(2-Chloroethyl) ether	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
bis(2-Chloroethyl) ether	COMBINED													0	0	0
bis(2-Chloroethyl) ether	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
bis(2-Chloroethyl) ether	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
bis(2-Ethylhexyl) phthalate		**280**	**1171**	**801**	**1400**	**1253**	**974**	**1641**	**1672**	**1583**	**1598**	**1655**	**750**	**0**	**0**	**14778**
bis(2-Ethylhexyl) phthalate	BH	0	1000	620	1000	950	760	1000	900	970	1200	1400	620			10420
bis(2-Ethylhexyl) phthalate	COMBINED													0	0	0
bis(2-Ethylhexyl) phthalate	CONDENSATE	0	11	21	110	23	44	51	62	33	98	45	0			498
bis(2-Ethylhexyl) phthalate	FH	280	160	160	290	280	170	590	710	580	300	210	130			3860
Butyl benzyl phthalate		**8.4**	**19.3**	**8.2**	**0**	**42.8**	**31.5**	**117**	**117**	**8.5**	**7.3**	**9**	**0**	**0**	**0**	**369**
Butyl benzyl phthalate	BH	0	12	0	0	33	24	90	91	0	0	0	0			250
Butyl benzyl phthalate	COMBINED													0	0	0

SVOCs Laboratory Results Summary

Method SW8270C

Sum of Result		Units	Run													
		ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
Butyl benzyl phthalate	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Butyl benzyl phthalate	FH	8.4	7.3	8.2	0	9.8	7.5	27	26	8.5	7.3	9	0			119
Carbazole		**0**	**0**	**4.2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4.2**
Carbazole	BH	0	0	4.2	0	0	0	0	0	0	0	0	0			4.2
Carbazole	COMBINED													0	0	0
Carbazole	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Carbazole	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Chrysene		**0**	**11**	**12**	**30.8**	**22**	**13**	**69**	**41**	**33.9**	**32**	**17**	**0**	**0**	**0**	**281.7**
Chrysene	BH	0	11	12	26	22	13	50	41	29	32	17	0			253
Chrysene	COMBINED													0	0	0
Chrysene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Chrysene	FH	0	0	0	4.8	0	0	19	0	4.9	0	0	0			28.7
Dibenz(a,h)anthracene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Dibenz(a,h)anthracene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Dibenz(a,h)anthracene	COMBINED													0	0	0
Dibenz(a,h)anthracene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Dibenz(a,h)anthracene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Dibenzofuran		**92**	**27**	**26**	**57**	**50**	**34**	**140**	**88**	**83**	**79**	**45**	**0**	**0**	**0**	**721**
Dibenzofuran	BH	92	27	26	57	50	34	140	88	83	79	45	0			721
Dibenzofuran	COMBINED													0	0	0
Dibenzofuran	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Dibenzofuran	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Diethyl phthalate		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Diethyl phthalate	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Diethyl phthalate	COMBINED													0	0	0
Diethyl phthalate	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Diethyl phthalate	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Dimethyl phthalate		**0**	**0**	**8.3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8.3**
Dimethyl phthalate	BH	0	0	8.3	0	0	0	0	0	0	0	0	0			8.3
Dimethyl phthalate	COMBINED													0	0	0
Dimethyl phthalate	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Dimethyl phthalate	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Di-n-butyl phthalate		**0**	**18**	**0**	**36**	**0**	**0**	**68**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**122**
Di-n-butyl phthalate	BH	0	18	0	27	0	0	68	0	0	0	0	0			113
Di-n-butyl phthalate	COMBINED													0	0	0
Di-n-butyl phthalate	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Di-n-butyl phthalate	FH	0	0	0	9	0	0	0	0	0	0	0	0			9
Di-n-octyl phthalate		**0**	**0**	**0**	**0**	**23**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**23**

SVOCs Laboratory Results Summary

Method SW8270C

Sum of Result		Units	Run													
		ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
Di-n-octyl phthalate	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Di-n-octyl phthalate	COMBINED													0	0	0
Di-n-octyl phthalate	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Di-n-octyl phthalate	FH	0	0	0	0	23	0	0	0	0	0	0	0			23
Fluoranthene		**30**	**14**	**17**	**39**	**31**	**21**	**91**	**70**	**56**	**66**	**27**	**0**	**0**	**0**	**462**
Fluoranthene	BH	30	14	17	39	31	21	91	70	56	66	27	0			462
Fluoranthene	COMBINED													0	0	0
Fluoranthene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Fluoranthene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Fluorene		**100**	**31**	**42**	**100**	**69**	**35**	**220**	**190**	**120**	**120**	**71**	**0**	**0**	**0**	**1098**
Fluorene	BH	100	31	42	100	69	35	220	190	120	120	71	0			1098
Fluorene	COMBINED													0	0	0
Fluorene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Fluorene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachlorobenzene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hexachlorobenzene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachlorobenzene	COMBINED													0	0	0
Hexachlorobenzene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachlorobenzene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachlorobutadiene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hexachlorobutadiene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachlorobutadiene	COMBINED													0	0	0
Hexachlorobutadiene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachlorobutadiene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachlorocyclopentadiene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hexachlorocyclopentadiene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachlorocyclopentadiene	COMBINED													0	0	0
Hexachlorocyclopentadiene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachlorocyclopentadiene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachloroethane		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hexachloroethane	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachloroethane	COMBINED													0	0	0
Hexachloroethane	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Hexachloroethane	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Indeno(1,2,3-cd)pyrene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Indeno(1,2,3-cd)pyrene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Indeno(1,2,3-cd)pyrene	COMBINED													0	0	0
Indeno(1,2,3-cd)pyrene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0

SVOCs Laboratory Results Summary

Method SW8270C

Sum of Result		Units	Run													
		ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
Indeno(1,2,3-cd)pyrene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Isophorone		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Isophorone	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Isophorone	COMBINED													0	0	0
Isophorone	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Isophorone	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Naphthalene		**1300**	**290**	**370**	**910**	**650**	**420**	**2100**	**1600**	**1000**	**1400**	**510**	**0**	**0**	**0**	**10550**
Naphthalene	BH	1300	290	370	910	650	420	2100	1600	1000	1400	510	0			10550
Naphthalene	COMBINED													0	0	0
Naphthalene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Naphthalene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Nitrobenzene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Nitrobenzene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Nitrobenzene	COMBINED													0	0	0
Nitrobenzene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Nitrobenzene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
N-Nitrosodimethylamine		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
N-Nitrosodimethylamine	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
N-Nitrosodimethylamine	COMBINED													0	0	0
N-Nitrosodimethylamine	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
N-Nitrosodimethylamine	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
N-Nitrosodi-n-propylamine		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
N-Nitrosodi-n-propylamine	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
N-Nitrosodi-n-propylamine	COMBINED													0	0	0
N-Nitrosodi-n-propylamine	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
N-Nitrosodi-n-propylamine	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
N-Nitrosodiphenylamine		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
N-Nitrosodiphenylamine	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
N-Nitrosodiphenylamine	COMBINED													0	0	0
N-Nitrosodiphenylamine	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
N-Nitrosodiphenylamine	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Pentachlorobenzene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pentachlorobenzene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Pentachlorobenzene	COMBINED													0	0	0
Pentachlorobenzene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Pentachlorobenzene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Pentachloronitrobenzene		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pentachloronitrobenzene	BH	0	0	0	0	0	0	0	0	0	0	0	0			0

SVOCs Laboratory Results Summary

Method SW8270C

Sum of Result		Units	Run													
		ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug	ug Total
Analyte	Fraction	D1	D2	D3	D4	D5	D6	N1	N2	N3	N4	N5	Q-FB	Q-TB1	Q-TB2	
Pentachloronitrobenzene	COMBINED													0	0	0
Pentachloronitrobenzene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Pentachloronitrobenzene	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Pentachlorophenol		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pentachlorophenol	BH	0	0	0	0	0	0	0	0	0	0	0	0			0
Pentachlorophenol	COMBINED													0	0	0
Pentachlorophenol	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Pentachlorophenol	FH	0	0	0	0	0	0	0	0	0	0	0	0			0
Phenanthrene		**170**	**73**	**83**	**200**	**150**	**96**	**457**	**330**	**250**	**260**	**150**	**0**	**0**	**0**	**2219**
Phenanthrene	BH	170	73	83	200	150	96	440	330	250	260	150	0			2202
Phenanthrene	COMBINED													0	0	0
Phenanthrene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Phenanthrene	FH	0	0	0	0	0	0	17	0	0	0	0	0			17
Phenol		**3585.1**	**868.3**	**1026.5**	**1650**	**1440**	**796**	**4601**	**2700**	**2206.4**	**3055.8**	**1267.7**	**4.7**	**0**	**0**	**23201.5**
Phenol	BH	3300	850	810	1300	1000	720	4000	2400	2000	2800	1100	4.7			20284.7
Phenol	COMBINED													0	0	0
Phenol	CONDENSATE	280	12	210	350	440	76	590	300	200	250	160	0			2868
Phenol	FH	5.1	6.3	6.5	0	0	0	11	0	6.4	5.8	7.7	0			48.8
Pyrene		**0**	**13**	**19**	**38**	**31**	**22**	**96**	**79**	**52**	**68**	**30**	**0**	**0**	**0**	**448**
Pyrene	BH	0	13	19	38	31	22	84	79	52	68	30	0			436
Pyrene	COMBINED													0	0	0
Pyrene	CONDENSATE	0	0	0	0	0	0	0	0	0	0	0	0			0
Pyrene	FH	0	0	0	0	0	0	12	0	0	0	0	0			12
Pyridine		**310**	**57**	**73**	**178**	**146**	**66**	**302**	**406**	**270**	**274**	**120**	**0**	**0**	**0**	**2202**
Pyridine	BH	270	57	61	150	97	50	210	380	270	220	120	0			1885
Pyridine	COMBINED													0	0	0
Pyridine	CONDENSATE	40	0	12	28	49	16	92	26	0	54	0	0			317
Pyridine	FH	0	0	0	0	0	0	0	0	0	0	0	0			0

Ambient Air Services, Inc.
Environmental Consultants
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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Run D1
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/18/16
Run Number	D1
Start Time	10:01
Finish Time	15:52
Weather	Clear
Total Time (minutes)	240.0
Number of Points	1
Barometric Pressure (inches Hg)	30.00
Static Pressure (inches H_2O)	-0.20
Stack Diameter (feet)	1.00
Nozzle Diameter (inches)	0.352
Meter Y Factor	0.988
Pitot Factor	0.84
Final Meter Reading (ft^3)	565.883
Initial Meter Reading (ft^3)	464.935
Meter Correction (ft^3)	2.240
Condensate (ml)	19
XAD trap Weight (grams)	20.9
Silica Gel Weight (grams)	22.7
Carbon Dioxide (%)	0.2
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Isokinetic Rate Factor	16.2

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Field Data Points - Run D1 | **Naval Station Guantanamo Bay** | **Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.11	1.8	134	89	87	0.332
5		0.08	1.3	143	96	87	0.283
10		0.09	1.5	183	101	87	0.300
15		0.05	0.81	173	105	88	0.224
20		0.06	0.97	505	106	89	0.245
25		0.03	0.49	301	104	90	0.173
30		0.02	0.32	219	104	92	0.141
35		0.12	1.9	224	102	93	0.346
40		0.04	0.65	176	100	93	0.200
45		0.04	0.65	164	104	93	0.200
50		0.04	0.65	163	104	94	0.200
55		0.04	0.65	154	104	95	0.200
60		0.07	1.1	152	97	98	0.265
65		0.05	0.81	133	108	96	0.224
70		0.04	0.65	129	110	99	0.200
75		0.03	0.49	126	112	97	0.173
80		0.06	0.97	125	115	99	0.245
85		0.06	0.97	121	116	99	0.245
90		0.02	0.32	125	115	99	0.141
95		0.02	0.32	124	115	101	0.141
100		0.02	0.32	121	114	102	0.141
105		0.03	0.49	125	115	102	0.173
110		0.02	0.32	126	112	102	0.141
115		0.02	0.32	123	113	103	0.141
120		0.02	0.32	120	114	103	0.141
125		0.03	0.49	121	116	104	0.173
130		0.03	0.49	118	116	105	0.173
135		0.02	0.32	119	116	106	0.141
140		0.02	0.32	117	116	107	0.141
145		0.03	0.49	121	115	106	0.173
150		0.03	0.49	118	113	106	0.173

155		0.02	0.32	121	111	107	0.141
160		0.02	0.32	119	110	109	0.141
165		0.02	0.32	120	109	110	0.141
170		0.04	0.65	121	116	108	0.200
175		0.04	0.65	125	121	107	0.200
180		0.02	0.32	118	121	108	0.141
185		0.04	0.65	122	122	109	0.200
190		0.04	0.65	125	121	108	0.200
195		0.03	0.49	124	122	109	0.173
200		0.03	0.49	123	122	109	0.173
205		0.04	0.65	118	122	109	0.200
210		0.05	0.81	116	123	110	0.224
215		0.04	0.65	112	120	111	0.200
220		0.02	0.32	153	110	109	0.141
225		0.06	0.97	382	113	108	0.245
230		0.05	0.81	243	112	107	0.224
235		0.04	0.65	211	111	106	0.200

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Summary Run D1

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Start Time**	10:01
Run Date	4/18/2016	**Finish Time**	15:52
Weather	Clear	**Impinger Condensate (g or ml)**	19.0
(Θ) Total Time (minutes)	240	**XAD Resin Trap Condensate (g)**	20.9
(P_{bar}) Barometric Pressure (inches Hg)	30.00	**Silica Gel Condensate (g)**	22.7
(D) Stack Diameter (feet)	1.0	**(V_{lc}) Condensate Volume (ml)**	62.6
(A) Stack Area (ft^2)	0.786	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0006758	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Y) Meter Correction	0.988	**Nitrogen (%)**	79.0
Nozzle Diameter (inches)	0.352	**(V_m) Volume Metered (ft^3)**	100.948
(Cp) Pitot Correction Factor	0.84	**(ΔH_{avg}) Delta H (inches H_2O)**	0.6548
(Δp_{avg}) Avg of SQRT of V.H.	0.19	**($T_{s(abs)}$) Stack Temp (°R)**	615.3
(P_g) Static Pressure (inches H_2O)	-0.20	**(T_m) Meter Temp (°R)**	566.4
(P_s)Stack Pressure (inches Hg)	29.99		

($V_{w(std)}$) Volume Water Vapor, SCF	2.947
($V_{m(std)}$) Gas Volume Sampled, STPD	93.328
Total Volume, STP	96.274
(B_{ws}) Moisture in stack gas, volume fraction	0.031
(B_{wd}) Dry Stack Gas, volume fraction	0.969
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.53
(G_s) Specific gravity of Stack Gas Relative to Air	0.984
(v_s) Average Stack Velocity, FPM	710.9
(I) Percent Isokinetic	97

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Run D2
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/19/16
Run Number	D2
Start Time	8:43
Finish Time	12:43
Weather	Clear
Total Time (minutes)	240.0
Number of Points	1
Barometric Pressure (inches Hg)	29.95
Static Pressure (inches H_2O)	-0.20
Stack Diameter (feet)	1.00
Nozzle Diameter (inches)	0.352
Meter Y Factor	0.988
Pitot Factor	0.84
Final Meter Reading (ft^3)	665.586
Initial Meter Reading (ft^3)	568.100
Meter Correction (ft^3)	0.000
Condensate (ml)	4
XAD trap Weight (grams)	25.3
Silica Gel Weight (grams)	21.7
Carbon Dioxide (%)	0.1
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.3
Isokinetic Rate Factor	16.2

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Field Data Points - Run 2 | **Naval Station Guantanamo Bay** | **Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.32	91	82	80	0.141
5		0.03	0.49	92	89	79	0.173
10		0.03	0.49	92	93	80	0.173
15		0.05	0.81	90	97	82	0.224
20		0.06	0.97	89	103	84	0.245
25		0.06	0.97	91	105	86	0.245
30		0.02	0.32	88	101	88	0.141
35		0.02	0.32	89	98	90	0.141
40		0.04	0.65	91	103	92	0.200
45		0.04	0.65	91	107	93	0.200
50		0.04	0.65	92	108	94	0.200
55		0.04	0.65	92	110	95	0.200
60		0.07	1.1	95	112	99	0.265
65		0.04	0.65	93	111	98	0.200
70		0.05	0.81	94	112	98	0.224
75		0.04	0.65	92	112	98	0.200
80		0.05	0.81	91	114	99	0.224
85		0.05	0.81	93	114	99	0.224
90		0.06	0.97	93	117	100	0.245
95		0.07	1.1	94	117	101	0.265
100		0.04	0.65	95	116	102	0.200
105		0.05	0.81	97	116	103	0.224
110		0.05	0.81	96	118	103	0.224
115		0.02	0.32	94	111	103	0.141
120		0.03	0.49	95	104	100	0.173
125		0.02	0.32	99	101	98	0.141
130		0.06	0.97	180	10	100	0.245
135		0.06	0.97	159	111	100	0.245
140		0.02	0.32	99	108	98	0.141
145		0.02	0.32	100	106	98	0.141
150		0.02	0.32	99	105	97	0.141

155		0.02	0.32	99	106	97	0.141
160		0.02	0.32	98	106	98	0.141
165		0.02	0.32	99	106	97	0.141
170		0.02	0.32	97	105	97	0.141
175		0.02	0.32	94	104	95	0.141
180		0.02	0.32	95	105	96	0.141
185		0.02	0.32	96	104	95	0.141
190		0.02	0.32	101	105	96	0.141
195		0.02	0.32	104	105	96	0.141
200		0.03	0.49	101	107	98	0.173
205		0.03	0.49	105	107	98	0.173
210		0.04	0.65	111	108	98	0.200
215		0.04	0.65	108	107	98	0.200
220		0.02	0.32	105	106	99	0.141
225		0.04	0.65	108	108	98	0.200
230		0.04	0.65	109	107	100	0.200
235		0.05	0.81	157	104	99	0.224

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Summary Run 2

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Start Time**	8:43
Run Date	4/19/2016	**Finish Time**	12:43

Weather	Clear	**Impinger Condensate (g or ml)**	4.0
(Θ) Total Time (minutes)	240	**XAD Resin Trap Condensate (g)**	25.3
(P_{bar}) Barometric Pressure (inches Hg)	29.95	**Silica Gel Condensate (g)**	21.7
(D) Stack Diameter (feet)	1.00	**(V_{lc}) Condensate Volume (ml)**	51.0
(A) Stack Area (ft^2)	0.786	**Carbon Dioxide (%)**	0.1
(A_n) Nozzle Area (ft^2)	0.0006758	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Y) Meter Correction	0.988	**Nitrogen (%)**	79.3
Nozzle Diameter (inches)	0.352	**(V_m) Volume Metered (ft^3)**	97.486
(Cp) Pitot Correction Factor	0.84	**(ΔH_{avg}) Delta H (inches H_2O)**	0.5873
(Δp_{avg}) Avg of SQRT of V.H.	0.19	**($T_{s(abs)}$) Stack Temp (°R)**	560.7
(P_g) Static Pressure (inches H_2O)	-0.20	**(T_m) Meter Temp (°R)**	560.0
(P_s)Stack Pressure (inches Hg)	29.94		

($V_{w(std)}$) Volume Water Vapor, SCF	2.401
($V_{m(std)}$) Gas Volume Sampled, STPD	90.993
Total Volume, STP	93.394
(B_{ws}) Moisture in stack gas, volume fraction	0.026
(B_{wd}) Dry Stack Gas, volume fraction	0.974
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.84
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.56
(G_s) Specific gravity of Stack Gas Relative to Air	0.985
(v_s) Average Stack Velocity, FPM	649.2
(I) Percent Isokinetic	94

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Run D3
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/20/16
Run Number	D3
Start Time	8:00
Finish Time	12:00
Weather	Clear
Total Time (minutes)	240.0
Number of Points	1
Barometric Pressure (inches Hg)	29.96
Static Pressure (inches H_2O)	-0.20
Stack Diameter (feet)	1.00
Nozzle Diameter (inches)	0.352
Meter Y Factor	0.988
Pitot Factor	0.84
Final Meter Reading (ft^3)	776.430
Initial Meter Reading (ft^3)	666.300
Meter Correction (ft^3)	0.000
Condensate (ml)	10
XAD trap Weight (grams)	25.0
Silica Gel Weight (grams)	21.4
Carbon Dioxide (%)	0.2
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.2
Isokinetic Rate Factor	16.2

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Field Data Points - Run D3 | **Naval Station Guantanamo Bay** | **Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.05	0.81	89	77	74	0.224
5		0.05	0.81	86	82	75	0.224
10		0.03	0.49	67	89	77	0.173
15		0.04	0.65	88	96	79	0.200
20		0.06	0.97	88	101	81	0.245
25		0.06	0.97	90	104	84	0.245
30		0.04	0.65	89	105	85	0.200
35		0.04	0.65	91	106	88	0.200
40		0.06	0.97	91	107	90	0.245
45		0.04	0.65	92	107	91	0.200
50		0.04	0.65	92	107	91	0.200
55		0.05	0.81	93	109	93	0.224
60		0.05	0.81	93	110	94	0.224
65		0.07	1.1	92	111	95	0.265
70		0.07	1.1	92	112	96	0.265
75		0.06	0.97	91	112	96	0.245
80		0.06	0.97	91	113	97	0.245
85		0.03	0.49	94	112	98	0.173
90		0.06	0.97	93	111	98	0.245
95		0.06	0.97	95	112	98	0.245
100		0.05	0.81	95	113	100	0.224
105		0.06	0.97	96	114	100	0.245
110		0.03	0.49	96	113	101	0.173
115		0.04	0.65	97	113	101	0.200
120		0.05	0.81	98	114	101	0.224
125		0.04	0.65	99	115	103	0.200
130		0.04	0.65	95	114	102	0.200
135		0.04	0.65	94	110	101	0.200
140		0.04	0.65	94	107	98	0.200
145		0.02	0.32	94	104	97	0.141
150		0.02	0.32	94	104	96	0.141

155		0.02	0.32	94	104	96	0.141
160		0.04	0.65	93	106	96	0.200
165		0.03	0.49	96	107	97	0.173
170		0.04	0.65	96	106	96	0.200
175		0.04	0.65	95	109	97	0.200
180		0.05	0.81	99	108	97	0.224
185		0.03	0.49	135	107	96	0.173
190		0.04	0.65	160	107	97	0.200
195		0.04	0.65	182	107	96	0.200
200		0.04	0.65	320	108	97	0.200
205		0.04	0.65	230	105	97	0.200
210		0.02	0.32	200	104	97	0.141
215		0.02	0.32	163	102	97	0.141
220		0.02	0.32	144	101	96	0.141
225		0.02	0.32	133	101	96	0.141
230		0.02	0.32	132	101	95	0.141
235		0.03	0.49	131	101	95	0.173

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Summary Run D3

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Start Time**	8:00
Run Date	4/20/2016	**Finish Time**	12:00

Weather	Clear	**Impinger Condensate (g or ml)**	10.0
(Θ) Total Time (minutes)	240	**XAD Resin Trap Condensate (g)**	25.0
(P_{bar}) Barometric Pressure (inches Hg)	29.96	**Silica Gel Condensate (g)**	21.4
(D) Stack Diameter (feet)	1.00	**(V_{lc}) Condensate Volume (ml)**	56.4
(A) Stack Area (ft^2)	0.79	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0006758	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Y) Meter Correction	1	**Nitrogen (%)**	79.2
Nozzle Diameter (inches)	0.352	**(V_m) Volume Metered (ft^3)**	110.130
(Cp) Pitot Correction Factor	0.840	**(ΔH_{avg}) Delta H (inches H_2O)**	0.6716
(Δp_{avg}) Avg of SQRT of V.H.	0.20	**($T_{s(abs)}$) Stack Temp (°R)**	571.5
(P_g) Static Pressure (inches H_2O)	-0.20	**(T_m) Meter Temp (°R)**	560.1
(P_s)Stack Pressure (inches Hg)	29.95		

($V_{w(std)}$) Volume Water Vapor, SCF	2.655
($V_{m(std)}$) Gas Volume Sampled, STPD	102.845
Total Volume, STP	105.499
(B_{ws}) Moisture in stack gas, volume fraction	0.025
(B_{wd}) Dry Stack Gas, volume fraction	0.975
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.58
(G_s) Specific gravity of Stack Gas Relative to Air	0.986
(v_s) Average Stack Velocity, FPM	706.0
(I) Percent Isokinetic	100

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Run D4
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/21/16
Run Number	D4
Start Time	8:17
Finish Time	12:57
Weather	Clear
Total Time (minutes)	240.0
Number of Points	1
Barometric Pressure (inches Hg)	29.96
Static Pressure (inches H_2O)	-0.20
Stack Diameter (feet)	1.00
Nozzle Diameter (inches)	0.352
Meter Y Factor	0.988
Pitot Factor	0.84
Final Meter Reading (ft^3)	889.255
Initial Meter Reading (ft^3)	779.800
Meter Correction (ft^3)	0.000
Condensate (ml)	23
XAD trap Weight (grams)	19.7
Silica Gel Weight (grams)	22.2
Carbon Dioxide (%)	0.3
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.1
Isokinetic Rate Factor	16.2

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Field Data Points - Run D4 | **Naval Station Guantanamo Bay** | **Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.03	0.49	96	84	82	0.173
5		0.05	0.81	94	96	84	0.224
10		0.02	0.32	94	97	84	0.141
15		0.02	0.32	98	101	85	0.141
20		0.03	0.49	95	104	88	0.173
25		0.03	0.53	96	105	88	0.182
30		0.04	0.65	94	108	91	0.200
35		0.04	0.65	96	110	92	0.200
40		0.03	0.49	93	110	94	0.173
45		0.04	0.65	96	113	95	0.200
50		0.04	0.65	93	112	96	0.200
55		0.04	0.65	93	110	97	0.200
60		0.06	0.97	93	111	96	0.245
65		0.06	0.97	100	113	97	0.245
70		0.06	0.97	102	113	98	0.245
75		0.07	1.1	104	112	99	0.265
80		0.07	1.1	105	112	100	0.265
85		0.06	0.97	107	114	100	0.245
90		0.06	0.97	106	114	101	0.245
95		0.05	0.81	104	114	102	0.224
100		0.05	0.81	107	112	102	0.224
105		0.05	0.81	108	113	101	0.224
110		0.05	0.81	106	113	101	0.224
115		0.05	0.81	102	114	101	0.224
120		0.04	0.65	103	113	103	0.200
125		0.04	0.65	104	114	103	0.200
130		0.05	0.81	104	113	102	0.224
135		0.05	0.81	104	113	101	0.224
140		0.04	0.65	104	114	102	0.200
145		0.04	0.65	104	114	102	0.200
150		0.04	0.65	104	112	102	0.200

155		0.04	0.65	103	113	102	0.200
160		0.04	0.65	105	112	102	0.200
165		0.04	0.65	108	112	102	0.200
170		0.03	0.49	107	113	102	0.173
175		0.04	0.65	108	112	102	0.200
180		0.04	0.65	158	112	102	0.200
185		0.03	0.49	351	113	102	0.173
190		0.03	0.49	243	112	103	0.173
195		0.04	0.65	155	106	103	0.200
200		0.04	0.65	139	108	103	0.200
205		0.05	0.81	112	102	100	0.224
210		0.03	0.49	112	108	101	0.173
215		0.02	0.32	109	110	102	0.141
220		0.06	0.97	107	111	102	0.245
225		0.03	0.49	105	111	101	0.173
230		0.03	0.49	105	108	100	0.173
235		0.03	0.49	105	108	100	0.173

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Summary Run D4

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Start Time**	8:17
Run Date	4/21/2016	**Finish Time**	12:57

Weather	Clear	**Impinger Condensate (g or ml)**	23.0
(Θ) Total Time (minutes)	240	**XAD Resin Trap Condensate (g)**	19.7
(P_{bar}) Barometric Pressure (inches Hg)	29.96	**Silica Gel Condensate (g)**	22.2
(D) Stack Diameter (feet)	1.00	**(V_{lc}) Condensate Volume (ml)**	64.9
(A) Stack Area (ft^2)	0.79	**Carbon Dioxide (%)**	0.3
(A_n) Nozzle Area (ft^2)	0.0006758	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Y) Meter Correction	1	**Nitrogen (%)**	79.1
Nozzle Diameter (inches)	0.352	**(V_m) Volume Metered (ft^3)**	109.455
(Cp) Pitot Correction Factor	0.840	**(ΔH_{avg}) Delta H (inches H_2O)**	0.6828
(Δp_{avg}) Avg of SQRT of V.H.	0.20	**($T_{s(abs)}$) Stack Temp (°R)**	573.4
(P_g) Static Pressure (inches H_2O)	-0.20	**(T_m) Meter Temp (°R)**	564.0
(P_s)Stack Pressure (inches Hg)	29.95		

($V_{w(std)}$) Volume Water Vapor, SCF	3.055
($V_{m(std)}$) Gas Volume Sampled, STPD	101.498
Total Volume, STP	104.553
(B_{ws}) Moisture in stack gas, volume fraction	0.029
(B_{wd}) Dry Stack Gas, volume fraction	0.971
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.87
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.55
(G_s) Specific gravity of Stack Gas Relative to Air	0.985
(v_s) Average Stack Velocity, FPM	716.6
(I) Percent Isokinetic	98

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Run D5
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/22/16
Run Number	D5
Start Time	8:38
Finish Time	13:18
Weather	Clear
Total Time (minutes)	240.0
Number of Points	1
Barometric Pressure (inches Hg)	29.91
Static Pressure (inches H_2O)	-0.20
Stack Diameter (feet)	1.00
Nozzle Diameter (inches)	0.352
Meter Y Factor	0.988
Pitot Factor	0.84
Final Meter Reading (ft^3)	1005.070
Initial Meter Reading (ft^3)	889.700
Meter Correction (ft^3)	1.554
Condensate (ml)	46
XAD trap Weight (grams)	26.1
Silica Gel Weight (grams)	23.0
Carbon Dioxide (%)	0.3
Oxygen (%)	20.7
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Isokinetic Rate Factor	16.2

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Field Data Points - Run D5 | **Naval Station Guantanamo Bay** | **Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.04	0.65	93	86	84	0.200
5		0.03	0.49	109	90	85	0.173
10		0.04	0.65	211	98	86	0.200
15		0.03	0.49	119	104	88	0.173
20		0.03	0.49	114	105	89	0.173
25		0.04	0.65	104	107	91	0.200
30		0.04	0.65	113	109	91	0.200
35		0.03	0.49	98	109	94	0.173
40		0.03	0.49	99	108	95	0.173
45		0.03	0.49	97	108	96	0.173
50		0.04	0.65	98	109	95	0.200
55		0.04	0.65	96	110	96	0.200
60		0.04	0.65	96	111	97	0.200
65		0.04	0.65	96	111	98	0.200
70		0.04	0.65	96	110	99	0.200
75		0.04	0.65	97	111	99	0.200
80		0.04	0.65	95	111	99	0.200
85		0.05	0.81	96	112	99	0.224
90		0.05	0.81	96	114	100	0.224
95		0.05	0.81	96	116	100	0.224
100		0.05	0.81	104	116	101	0.224
105		0.06	0.97	104	115	100	0.245
110		0.06	0.97	99	112	100	0.245
115		0.06	0.97	95	111	99	0.245
120		0.06	0.97	105	112	99	0.245
125		0.07	1.1	140	110	98	0.265
130		0.07	1.1	200	109	98	0.265
135		0.06	0.97	171	107	98	0.245
140		0.07	1.1	160	103	98	0.265
145		0.04	0.65	111	96	94	0.200
150		0.04	0.65	112	101	94	0.200

155		0.04	0.65	112	105	94	0.200
160		0.04	0.65	109	106	94	0.200
165		0.04	0.65	104	109	95	0.200
170		0.05	0.81	102	109	96	0.224
175		0.05	0.81	101	110	98	0.224
180		0.05	0.81	100	111	97	0.224
185		0.05	0.81	100	111	97	0.224
190		0.05	0.81	99	111	96	0.224
195		0.05	0.81	97	112	97	0.224
200		0.05	0.81	97	113	97	0.224
205		0.05	0.81	96	113	98	0.224
210		0.05	0.81	96	113	98	0.224
215		0.05	0.81	91	114	99	0.224
220		0.05	0.81	90	114	98	0.224
225		0.04	0.65	88	111	98	0.200
230		0.04	0.65	89	109	97	0.200
235		0.04	0.65	93	108	98	0.200

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Summary Run D5

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Start Time**	8:38
Run Date	4/22/2016	**Finish Time**	13:18

Weather	Clear	**Impinger Condensate (g or ml)**	46.0
(Θ) Total Time (minutes)	240	**XAD Resin Trap Condensate (g)**	26.1
(P_{bar}) Barometric Pressure (inches Hg)	29.91	**Silica Gel Condensate (g)**	23.0
(D) Stack Diameter (feet)	1.00	**(V_{lc}) Condensate Volume (ml)**	95.1
(A) Stack Area (ft^2)	0.79	**Carbon Dioxide (%)**	0.3
(A_n) Nozzle Area (ft^2)	0.0006758	**Oxygen (%)**	20.7
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Y) Meter Correction	1	**Nitrogen (%)**	79.0
Nozzle Diameter (inches)	0.352	**(V_m) Volume Metered (ft^3)**	115.370
(Cp) Pitot Correction Factor	0.840	**(ΔH_{avg}) Delta H (inches H_2O)**	0.7426
(Δp_{avg}) Avg of SQRT of V.H.	0.21	**($T_{s(abs)}$) Stack Temp (°R)**	568.0
(P_g) Static Pressure (inches H_2O)	-0.20	**(T_m) Meter Temp (°R)**	562.3
(P_s)Stack Pressure (inches Hg)	29.90		

($V_{w(std)}$) Volume Water Vapor, SCF	4.476
($V_{m(std)}$) Gas Volume Sampled, STPD	107.157
Total Volume, STP	111.633
(B_{ws}) Moisture in stack gas, volume fraction	0.040
(B_{wd}) Dry Stack Gas, volume fraction	0.960
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.88
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.44
(G_s) Specific gravity of Stack Gas Relative to Air	0.981
(v_s) Average Stack Velocity, FPM	749.2
(I) Percent Isokinetic	99

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Run 6
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/29/16
Run Number	6
Start Time	11:00
Finish Time	15:02
Weather	Clear
Total Time (minutes)	240.0
Number of Points	1
Barometric Pressure (inches Hg)	29.90
Static Pressure (inches H_2O)	-0.20
Stack Diameter (feet)	1.00
Nozzle Diameter (inches)	0.394
Meter Y Factor	0.988
Pitot Factor	0.84
Final Meter Reading (ft^3)	478.839
Initial Meter Reading (ft^3)	353.301
Meter Correction (ft^3)	0.000
Condensate (ml)	20
XAD trap Weight (grams)	22.8
Silica Gel Weight (grams)	26.6
Carbon Dioxide (%)	0.5
Oxygen (%)	20.5
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Isokinetic Rate Factor	22.6

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Field Data Points - Run 6 | **Naval Station Guantanamo Bay** | **Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.04	0.90	100	98	94	0.200
5		0.04	0.90	99	102	94	0.200
10		0.03	0.68	98	105	94	0.173
15		0.03	0.68	98	107	95	0.173
20		0.03	0.68	99	108	96	0.173
25		0.03	0.68	99	108	97	0.173
30		0.03	0.68	99	109	97	0.173
35		0.03	0.68	99	109	98	0.173
40		0.03	0.68	99	109	98	0.173
45		0.03	0.68	99	110	99	0.173
50		0.03	0.68	99	111	99	0.173
55		0.03	0.68	100	111	100	0.173
60		0.03	0.68	100	111	100	0.173
65		0.03	0.68	100	111	101	0.173
70		0.03	0.68	101	112	102	0.173
75		0.03	0.68	103	113	102	0.173
80		0.03	0.68	103	113	103	0.173
85		0.03	0.68	103	114	103	0.173
90		0.03	0.68	102	114	104	0.173
95		0.03	0.68	102	114	104	0.173
100		0.03	0.68	101	115	105	0.173
105		0.03	0.68	102	115	105	0.173
110		0.04	0.90	101	113	105	0.200
115		0.04	0.90	140	114	105	0.200
120		0.05	1.1	184	116	104	0.224
125		0.05	1.1	172	117	106	0.224
130		0.05	1.1	250	114	106	0.224
135		0.05	1.1	314	110	106	0.224
140		0.05	1.1	322	112	106	0.224
145		0.05	1.1	285	111	105	0.224
150		0.05	1.1	173	114	106	0.224

155		0.05	1.1	143	117	107	0.224
160		0.05	1.1	195	114	108	0.224
165		0.05	1.1	195	115	107	0.224
170		0.05	1.1	198	114	108	0.224
175		0.05	1.1	194	116	108	0.224
180		0.05	1.1	172	116	109	0.224
185		0.05	1.1	164	116	110	0.224
190		0.05	1.1	196	113	108	0.224
195		0.05	1.1	150	115	109	0.224
200		0.05	1.1	146	113	109	0.224
205		0.05	1.1	145	113	109	0.224
210		0.05	1.1	152	114	111	0.224
215		0.05	1.1	143	111	110	0.224
220		0.05	1.1	137	107	108	0.224
225		0.05	1.1	130	108	108	0.224
230		0.05	1.1	136	107	107	0.224
235		0.05	1.1	128	109	107	0.224

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Summary Run 6

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Start Time**	11:00
Run Date	4/29/2016	**Finish Time**	15:02

Weather	Clear	**Impinger Condensate (g or ml)**	20.0
(Θ) Total Time (minutes)	240	**XAD Resin Trap Condensate (g)**	22.8
(P_{bar}) Barometric Pressure (inches Hg)	29.9	**Silica Gel Condensate (g)**	26.6
(D) Stack Diameter (feet)	1.00	**(V_{lc}) Condensate Volume (ml)**	69.4
(A) Stack Area (ft^2)	0.79	**Carbon Dioxide (%)**	0.5
(A_n) Nozzle Area (ft^2)	0.0008467	**Oxygen (%)**	20.5
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Y) Meter Correction	1	**Nitrogen (%)**	79.0
Nozzle Diameter (inches)	0.394	**(V_m) Volume Metered (ft^3)**	125.538
(Cp) Pitot Correction Factor	0.840	**(ΔH_{avg}) Delta H (inches H_2O)**	0.9228
(Δp_{avg}) Avg of SQRT of V.H.	0.20	**($T_{s(abs)}$) Stack Temp (°R)**	603.1
(P_g) Static Pressure (inches H_2O)	-0.20	**(T_m) Meter Temp (°R)**	567.7
(P_s)Stack Pressure (inches Hg)	29.89		

($V_{w(std)}$) Volume Water Vapor, SCF	3.267
($V_{m(std)}$) Gas Volume Sampled, STPD	115.494
Total Volume, STP	118.761
(B_{ws}) Moisture in stack gas, volume fraction	0.028
(B_{wd}) Dry Stack Gas, volume fraction	0.972
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.90
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.60
(G_s) Specific gravity of Stack Gas Relative to Air	0.987
(v_s) Average Stack Velocity, FPM	726.2
(I) Percent Isokinetic	92

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Run N1
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/25/16
Run Number	N1
Start Time	18:00
Finish Time	22:47
Weather	Clear
Total Time (minutes)	240.0
Number of Points	1
Barometric Pressure (inches Hg)	29.82
Static Pressure (inches H_2O)	-0.10
Stack Diameter (feet)	1.00
Nozzle Diameter (inches)	0.352
Meter Y Factor	0.988
Pitot Factor	0.84
Final Meter Reading (ft^3)	85.132
Initial Meter Reading (ft^3)	6.200
Meter Correction (ft^3)	0.917
Condensate (ml)	16
XAD trap Weight (grams)	21.4
Silica Gel Weight (grams)	19.3
Carbon Dioxide (%)	0.3
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.1
Isokinetic Rate Factor	16.2

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Field Data Points - Run N 1 | **Naval Station Guantanamo Bay** | **Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.33	171	98	96	0.141
5		0.02	0.33	177	102	95	0.141
10		0.02	0.33	178	104	95	0.141
15		0.02	0.33	173	106	96	0.141
20		0.02	0.33	163	109	96	0.141
25		0.02	0.33	173	109	98	0.141
30		0.02	0.33	161	110	98	0.141
35		0.02	0.33	156	110	99	0.141
40		0.02	0.33	210	110	100	0.141
45		0.02	0.33	209	109	101	0.141
50		0.02	0.33	177	112	102	0.141
55		0.02	0.33	270	110	103	0.141
60		0.02	0.33	232	107	104	0.141
65		0.02	0.33	225	106	105	0.141
70		0.02	0.33	137	104	104	0.141
75		0.02	0.33	183	105	103	0.141
80		0.02	0.33	185	105	102	0.141
85		0.02	0.33	186	105	103	0.141
90		0.02	0.33	176	105	101	0.141
95		0.02	0.33	155	105	101	0.141
100		0.02	0.33	166	106	102	0.141
105		0.02	0.33	172	105	102	0.141
110		0.02	0.33	169	104	101	0.141
115		0.02	0.33	140	103	100	0.141
120		0.02	0.33	131	102	100	0.141
125		0.02	0.33	133	101	99	0.141
130		0.02	0.33	127	99	98	0.141
135		0.02	0.33	114	98	97	0.141
140		0.02	0.33	133	101	97	0.141
145		0.02	0.33	132	100	97	0.141
150		0.02	0.33	136	102	96	0.141

155		0.02	0.33	144	103	96	0.141
160		0.02	0.33	146	101	100	0.141
165		0.02	0.33	144	99	100	0.141
170		0.02	0.33	133	92	94	0.141
175		0.02	0.33	131	96	94	0.141
180		0.02	0.33	129	101	93	0.141
185		0.02	0.33	128	103	93	0.141
190		0.02	0.33	117	105	94	0.141
195		0.02	0.33	126	106	95	0.141
200		0.02	0.33	126	106	96	0.141
205		0.02	0.33	133	106	97	0.141
210		0.02	0.33	125	106	97	0.141
215		0.02	0.33	130	104	98	0.141
220		0.02	0.33	129	103	98	0.141
225		0.02	0.33	121	104	97	0.141
230		0.02	0.33	112	105	98	0.141
235		0.02	0.33	113	107	98	0.141

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Summary Run N1

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Start Time**	18:00
Run Date	4/25/2016	**Finish Time**	22:47

Weather	Clear	**Impinger Condensate (g or ml)**	16.0
(Θ) Total Time (minutes)	240	**XAD Resin Trap Condensate (g)**	21.4
(P_{bar}) Barometric Pressure (inches Hg)	29.82	**Silica Gel Condensate (g)**	19.3
(D) Stack Diameter (feet)	1.00	**(V_{lc}) Condensate Volume (ml)**	56.7
(A) Stack Area (ft^2)	0.79	**Carbon Dioxide (%)**	0.3
(A_n) Nozzle Area (ft^2)	0.0006758	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Y) Meter Correction	1	**Nitrogen (%)**	79.1
Nozzle Diameter (inches)	0.352	**(V_m) Volume Metered (ft^3)**	78.932
(Cp) Pitot Correction Factor	0.840	**(ΔH_{avg}) Delta H (inches H_2O)**	0.3300
(Δp_{avg}) Avg of SQRT of V.H.	0.14	**($T_{s(abs)}$) Stack Temp (°R)**	614.9
(P_g) Static Pressure (inches H_2O)	-0.10	**(T_m) Meter Temp (°R)**	561.3
(P_s)Stack Pressure (inches Hg)	29.81		

($V_{w(std)}$) Volume Water Vapor, SCF	2.669
($V_{m(std)}$) Gas Volume Sampled, STPD	73.139
Total Volume, STP	75.808
(B_{ws}) Moisture in stack gas, volume fraction	0.035
(B_{wd}) Dry Stack Gas, volume fraction	0.965
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.87
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.49
(G_s) Specific gravity of Stack Gas Relative to Air	0.983
(v_s) Average Stack Velocity, FPM	518.5
(I) Percent Isokinetic	105

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Run N2
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/26/16
Run Number	N2
Start Time	17:34
Finish Time	21:34
Weather	Clear
Total Time (minutes)	240.0
Number of Points	1
Barometric Pressure (inches Hg)	29.80
Static Pressure (inches H_2O)	-0.10
Stack Diameter (feet)	1.00
Nozzle Diameter (inches)	0.394
Meter Y Factor	0.988
Pitot Factor	0.84
Final Meter Reading (ft^3)	177.327
Initial Meter Reading (ft^3)	85.700
Meter Correction (ft^3)	0.000
Condensate (ml)	20
XAD trap Weight (grams)	24.4
Silica Gel Weight (grams)	21.0
Carbon Dioxide (%)	0.2
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Isokinetic Rate Factor	22.6

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Field Data Points - Run 2 | **Naval Station Guantanamo Bay** | **Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.45	111	97	95	0.141
5		0.02	0.45	118	101	94	0.141
10		0.02	0.45	131	104	95	0.141
15		0.02	0.45	119	106	96	0.141
20		0.02	0.45	114	107	96	0.141
25		0.02	0.45	109	108	98	0.141
30		0.02	0.45	107	109	98	0.141
35		0.02	0.45	110	109	99	0.141
40		0.02	0.45	127	112	101	0.141
45		0.02	0.45	128	113	103	0.141
50		0.02	0.45	127	111	103	0.141
55		0.02	0.45	126	111	103	0.141
60		0.02	0.45	123	111	102	0.141
65		0.02	0.45	124	110	103	0.141
70		0.02	0.45	126	111	102	0.141
75		0.02	0.45	122	112	104	0.141
80		0.02	0.45	120	113	103	0.141
85		0.02	0.45	117	113	103	0.141
90		0.02	0.45	114	112	104	0.141
95		0.02	0.45	114	112	103	0.141
100		0.02	0.45	108	112	103	0.141
105		0.02	0.45	111	111	102	0.141
110		0.02	0.45	111	111	103	0.141
115		0.02	0.45	110	112	103	0.141
120		0.02	0.45	114	112	105	0.141
125		0.02	0.45	120	110	106	0.141
130		0.02	0.45	111	109	105	0.141
135		0.02	0.45	111	108	105	0.141
140		0.02	0.45	105	109	104	0.141
145		0.02	0.45	96	110	102	0.141
150		0.02	0.45	93	112	103	0.141

155		0.02	0.45	97	112	103	0.141
160		0.02	0.45	100	113	103	0.141
165		0.02	0.45	104	111	105	0.141
170		0.02	0.45	96	109	104	0.141
175		0.02	0.45	100	109	103	0.141
180		0.02	0.45	100	108	103	0.141
185		0.02	0.45	102	109	103	0.141
190		0.02	0.45	99	109	103	0.141
195		0.02	0.45	101	108	102	0.141
200		0.02	0.45	105	108	102	0.141
205		0.02	0.45	101	108	101	0.141
210		0.02	0.45	105	107	101	0.141
215		0.02	0.45	103	108	101	0.141
220		0.02	0.45	96	108	101	0.141
225		0.02	0.45	93	110	100	0.141
230		0.02	0.45	91	111	102	0.141
235		0.02	0.45	93	112	101	0.141

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Summary Run N2

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Start Time**	17:34
Run Date	4/26/2016	**Finish Time**	21:34

Weather	Clear	**Impinger Condensate (g or ml)**	20.0
(Θ) Total Time (minutes)	240	**XAD Resin Trap Condensate (g)**	24.4
(P_{bar}) Barometric Pressure (inches Hg)	29.8	**Silica Gel Condensate (g)**	21.0
(D) Stack Diameter (feet)	1.00	**(V_{lc}) Condensate Volume (ml)**	65.4
(A) Stack Area (ft^2)	0.79	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0008467	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Y) Meter Correction	1	**Nitrogen (%)**	79.0
Nozzle Diameter (inches)	0.394	**(V_m) Volume Metered (ft^3)**	91.627
(Cp) Pitot Correction Factor	0.840	**(ΔH_{avg}) Delta H (inches H_2O)**	0.4520
(Δp_{avg}) Avg of SQRT of V.H.	0.14	**($T_{s(abs)}$) Stack Temp (°R)**	569.6
(P_g) Static Pressure (inches H_2O)	-0.10	**(T_m) Meter Temp (°R)**	565.6
(P_s)Stack Pressure (inches Hg)	29.79		

($V_{w(std)}$) Volume Water Vapor, SCF	3.078
($V_{m(std)}$) Gas Volume Sampled, STPD	84.224
Total Volume, STP	87.302
(B_{ws}) Moisture in stack gas, volume fraction	0.035
(B_{wd}) Dry Stack Gas, volume fraction	0.965
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.48
(G_s) Specific gravity of Stack Gas Relative to Air	0.982
(v_s) Average Stack Velocity, FPM	499.3
(I) Percent Isokinetic	93

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Run N3
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/27/16
Run Number	N3
Start Time	17:45
Finish Time	21:45
Weather	Clear
Total Time (minutes)	240.0
Number of Points	1
Barometric Pressure (inches Hg)	29.81
Static Pressure (inches H_2O)	-0.10
Stack Diameter (feet)	1.00
Nozzle Diameter (inches)	0.394
Meter Y Factor	0.988
Pitot Factor	0.84
Final Meter Reading (ft^3)	256.965
Initial Meter Reading (ft^3)	177.900
Meter Correction (ft^3)	0.000
Condensate (ml)	18
XAD trap Weight (grams)	26.2
Silica Gel Weight (grams)	16.3
Carbon Dioxide (%)	0.2
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Isokinetic Rate Factor	22.6

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Field Data Points - Run N3 | **Naval Station Guantanamo Bay** | **Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.45	126	99	97	0.141
5		0.02	0.45	123	104	97	0.141
10		0.02	0.45	135	106	97	0.141
15		0.02	0.45	124	108	97	0.141
20		0.02	0.45	127	109	98	0.141
25		0.02	0.45	128	111	99	0.141
30		0.02	0.45	126	111	100	0.141
35		0.02	0.45	126	113	101	0.141
40		0.02	0.45	118	112	101	0.141
45		0.02	0.45	122	112	101	0.141
50		0.02	0.45	119	113	102	0.141
55		0.02	0.45	118	113	102	0.141
60		0.02	0.45	116	112	103	0.141
65		0.02	0.45	116	110	102	0.141
70		0.02	0.45	114	109	103	0.141
75		0.02	0.45	111	111	103	0.141
80		0.02	0.45	110	110	103	0.141
85		0.02	0.45	117	110	103	0.141
90		0.02	0.45	110	110	103	0.141
95		0.02	0.45	106	110	102	0.141
100		0.02	0.45	104	110	102	0.141
105		0.02	0.45	105	109	101	0.141
110		0.02	0.45	103	108	102	0.141
115		0.02	0.45	104	108	101	0.141
120		0.02	0.45	104	107	101	0.141
125		0.02	0.45	104	107	100	0.141
130		0.02	0.45	105	107	100	0.141
135		0.02	0.45	107	108	100	0.141
140		0.02	0.45	111	108	101	0.141
145		0.02	0.45	118	107	100	0.141
150		0.02	0.45	110	107	101	0.141

155		0.02	0.45	106	107	100	0.141
160		0.02	0.45	107	108	101	0.141
165		0.02	0.45	111	108	100	0.141
170		0.02	0.45	109	108	101	0.141
175		0.02	0.45	107	109	101	0.141
180		0.02	0.45	108	109	102	0.141
185		0.02	0.45	108	110	101	0.141
190		0.02	0.45	109	110	102	0.141
195		0.02	0.45	110	110	102	0.141
200		0.02	0.45	109	110	102	0.141
205		0.02	0.45	109	108	101	0.141
210		0.02	0.45	109	110	103	0.141
215		0.02	0.45	102	111	102	0.141
220		0.02	0.45	100	111	103	0.141
225		0.02	0.45	104	111	102	0.141
230		0.02	0.45	104	111	103	0.141
235		0.02	0.45	104	111	102	0.141

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Summary Run N3

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Start Time**	17:45
Run Date	4/27/2016	**Finish Time**	21:45

Weather	Clear	**Impinger Condensate (g or ml)**	18.0
(Θ) Total Time (minutes)	240	**XAD Resin Trap Condensate (g)**	26.2
(P_{bar}) Barometric Pressure (inches Hg)	29.81	**Silica Gel Condensate (g)**	16.3
(D) Stack Diameter (feet)	1.00	**(V_{lc}) Condensate Volume (ml)**	60.5
(A) Stack Area (ft^2)	0.79	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0008467	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Y) Meter Correction	1	**Nitrogen (%)**	79.0
Nozzle Diameter (inches)	0.394	**(V_m) Volume Metered (ft^3)**	79.065
(Cp) Pitot Correction Factor	0.840	**(ΔH_{avg}) Delta H (inches H_2O)**	0.4520
(Δp_{avg}) Avg of SQRT of V.H.	0.14	**($T_{s(abs)}$) Stack Temp (°R)**	572.1
(P_g) Static Pressure (inches H_2O)	-0.10	**(T_m) Meter Temp (°R)**	565.1
(P_s)Stack Pressure (inches Hg)	29.80		

($V_{w(std)}$) Volume Water Vapor, SCF	2.848
($V_{m(std)}$) Gas Volume Sampled, STPD	72.768
Total Volume, STP	75.616
(B_{ws}) Moisture in stack gas, volume fraction	0.038
(B_{wd}) Dry Stack Gas, volume fraction	0.962
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.45
(G_s) Specific gravity of Stack Gas Relative to Air	0.982
(v_s) Average Stack Velocity, FPM	500.5
(I) Percent Isokinetic	81

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Run N4
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/28/16
Run Number	N4
Start Time	17:35
Finish Time	21:55
Weather	Clear
Total Time (minutes)	240.0
Number of Points	1
Barometric Pressure (inches Hg)	29.81
Static Pressure (inches H_2O)	-0.10
Stack Diameter (feet)	1.00
Nozzle Diameter (inches)	0.394
Meter Y Factor	0.988
Pitot Factor	0.84
Final Meter Reading (ft^3)	352.814
Initial Meter Reading (ft^3)	260.320
Meter Correction (ft^3)	0.550
Condensate (ml)	15
XAD trap Weight (grams)	29.2
Silica Gel Weight (grams)	20.5
Carbon Dioxide (%)	0.2
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Isokinetic Rate Factor	22.6

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Field Data Points - Run N4 | **Naval Station Guantanamo Bay** | **Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.45	152	105	99	0.141
5		0.02	0.45	153	109	100	0.141
10		0.02	0.45	142	112	100	0.141
15		0.02	0.45	137	113	103	0.141
20		0.02	0.45	141	114	103	0.141
25		0.02	0.45	134	113	105	0.141
30		0.02	0.45	131	114	106	0.141
35		0.02	0.45	134	114	108	0.141
40		0.02	0.45	132	111	107	0.141
45		0.02	0.45	138	108	107	0.141
50		0.02	0.45	141	107	107	0.141
55		0.02	0.45	136	104	106	0.141
60		0.02	0.45	125	103	100	0.141
65		0.02	0.45	127	105	101	0.141
70		0.02	0.45	122	106	100	0.141
75		0.02	0.45	117	105	100	0.141
80		0.02	0.45	122	106	99	0.141
85		0.02	0.45	108	106	99	0.141
90		0.02	0.45	111	106	99	0.141
95		0.02	0.45	110	106	99	0.141
100		0.02	0.45	111	106	99	0.141
105		0.02	0.45	104	106	98	0.141
110		0.02	0.45	104	107	98	0.141
115		0.02	0.45	97	108	99	0.141
120		0.02	0.45	97	109	99	0.141
125		0.02	0.45	93	110	100	0.141
130		0.02	0.45	93	111	100	0.141
135		0.02	0.45	96	112	102	0.141
140		0.02	0.45	101	113	101	0.141
145		0.02	0.45	102	112	101	0.141
150		0.02	0.45	104	111	101	0.141

155		0.02	0.45	105	111	100	0.141
160		0.02	0.45	106	110	99	0.141
165		0.02	0.45	100	112	101	0.141
170		0.02	0.45	108	113	101	0.141
175		0.02	0.45	97	113	102	0.141
180		0.02	0.45	97	112	101	0.141
185		0.02	0.45	98	113	102	0.141
190		0.02	0.45	95	114	102	0.141
195		0.02	0.45	101	114	103	0.141
200		0.02	0.45	96	114	103	0.141
205		0.02	0.45	94	114	104	0.141
210		0.02	0.45	94	114	104	0.141
215		0.02	0.45	94	113	104	0.141
220		0.02	0.45	95	113	103	0.141
225		0.02	0.45	93	113	104	0.141
230		0.02	0.45	96	114	103	0.141
235		0.02	0.45	91	114	104	0.141

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Summary Run N4

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Start Time**	17:35
Run Date	4/28/2016	**Finish Time**	21:55

Weather	Clear	**Impinger Condensate (g or ml)**	15.0
(Θ) Total Time (minutes)	240	**XAD Resin Trap Condensate (g)**	29.2
(P_{bar}) Barometric Pressure (inches Hg)	29.81	**Silica Gel Condensate (g)**	20.5
(D) Stack Diameter (feet)	1.00	**(V_{lc}) Condensate Volume (ml)**	64.7
(A) Stack Area (ft^2)	0.79	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0008467	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Y) Meter Correction	1	**Nitrogen (%)**	79.0
Nozzle Diameter (inches)	0.394	**(V_m) Volume Metered (ft^3)**	92.494
(Cp) Pitot Correction Factor	0.840	**(ΔH_{avg}) Delta H (inches H_2O)**	0.4520
(Δp_{avg}) Avg of SQRT of V.H.	0.14	**($T_{s(abs)}$) Stack Temp (°R)**	572.0
(P_g) Static Pressure (inches H_2O)	-0.10	**(T_m) Meter Temp (°R)**	566.0
(P_s)Stack Pressure (inches Hg)	29.80		

($V_{w(std)}$) Volume Water Vapor, SCF	3.045
($V_{m(std)}$) Gas Volume Sampled, STPD	84.991
Total Volume, STP	88.037
(B_{ws}) Moisture in stack gas, volume fraction	0.035
(B_{wd}) Dry Stack Gas, volume fraction	0.965
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.49
(G_s) Specific gravity of Stack Gas Relative to Air	0.983
(v_s) Average Stack Velocity, FPM	500.1
(I) Percent Isokinetic	94

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	Run N5
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/29/16
Run Number	N5
Start Time	18:16
Finish Time	22:16
Weather	Clear
Total Time (minutes)	240.0
Number of Points	1
Barometric Pressure (inches Hg)	29.90
Static Pressure (inches H_2O)	-0.10
Stack Diameter (feet)	1.00
Nozzle Diameter (inches)	0.394
Meter Y Factor	0.988
Pitot Factor	0.84
Final Meter Reading (ft^3)	570.412
Initial Meter Reading (ft^3)	479.400
Meter Correction (ft^3)	0.000
Condensate (ml)	18
XAD trap Weight (grams)	28.0
Silica Gel Weight (grams)	18.7
Carbon Dioxide (%)	0.1
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.1
Isokinetic Rate Factor	22.6

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Field Data Points - Run N5 | **Naval Station Guantanamo Bay** | **Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.45	96	90	89	0.141
5		0.02	0.45	92	97	90	0.141
10		0.02	0.45	90	101	91	0.141
15		0.02	0.45	93	104	92	0.141
20		0.02	0.45	95	105	94	0.141
25		0.02	0.45	102	107	94	0.141
30		0.02	0.45	97	108	98	0.141
35		0.02	0.45	95	109	97	0.141
40		0.02	0.45	92	110	99	0.141
45		0.02	0.45	92	110	99	0.141
50		0.02	0.45	89	110	100	0.141
55		0.02	0.45	96	111	100	0.141
60		0.02	0.45	98	111	101	0.141
65		0.02	0.45	97	111	100	0.141
70		0.02	0.45	90	109	101	0.141
75		0.02	0.45	94	110	100	0.141
80		0.02	0.45	94	110	101	0.141
85		0.02	0.45	93	111	99	0.141
90		0.02	0.45	98	110	101	0.141
95		0.02	0.45	98	112	100	0.141
100		0.02	0.45	97	112	101	0.141
105		0.02	0.45	98	111	101	0.141
110		0.02	0.45	95	111	102	0.141
115		0.02	0.45	94	110	101	0.141
120		0.02	0.45	93	111	102	0.141
125		0.02	0.45	91	111	101	0.141
130		0.02	0.45	87	111	102	0.141
135		0.02	0.45	94	111	100	0.141
140		0.02	0.45	92	111	101	0.141
145		0.02	0.45	96	111	100	0.141
150		0.02	0.45	88	112	101	0.141

155		0.02	0.45	89	111	100	0.141
160		0.02	0.45	89	111	102	0.141
165		0.02	0.45	90	111	100	0.141
170		0.02	0.45	91	112	100	0.141
175		0.02	0.45	91	111	100	0.141
180		0.02	0.45	92	110	99	0.141
185		0.02	0.45	91	111	100	0.141
190		0.02	0.45	89	110	101	0.141
195		0.02	0.45	90	111	101	0.141
200		0.02	0.45	91	111	101	0.141
205		0.02	0.45	93	110	101	0.141
210		0.02	0.45	89	109	100	0.141
215		0.02	0.45	97	109	101	0.141
220		0.02	0.45	93	109	100	0.141
225		0.02	0.45	100	107	101	0.141
230		0.02	0.45	113	107	99	0.141
235		0.02	0.45	104	108	99	0.141

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Summary Run N5

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Start Time**	18:16
Run Date	4/29/2016	**Finish Time**	22:16

Weather	Clear	**Impinger Condensate (g or ml)**	18.0
(Θ) Total Time (minutes)	240	**XAD Resin Trap Condensate (g)**	28.0
(P_{bar}) Barometric Pressure (inches Hg)	29.9	**Silica Gel Condensate (g)**	18.7
(D) Stack Diameter (feet)	1.00	**(V_{lc}) Condensate Volume (ml)**	64.7
(A) Stack Area (ft^2)	0.79	**Carbon Dioxide (%)**	0.1
(A_n) Nozzle Area (ft^2)	0.0008467	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Y) Meter Correction	1	**Nitrogen (%)**	79.1
Nozzle Diameter (inches)	0.394	**(V_m) Volume Metered (ft^3)**	91.012
(Cp) Pitot Correction Factor	0.840	**(ΔH_{avg}) Delta H (inches H_2O)**	0.4520
(Δp_{avg}) Avg of SQRT of V.H.	0.14	**($T_{s(abs)}$) Stack Temp (°R)**	553.9
(P_g) Static Pressure (inches H_2O)	-0.10	**(T_m) Meter Temp (°R)**	564.2
(P_s)Stack Pressure (inches Hg)	29.89		

($V_{w(std)}$) Volume Water Vapor, SCF	3.045
($V_{m(std)}$) Gas Volume Sampled, STPD	84.161
Total Volume, STP	87.206
(B_{ws}) Moisture in stack gas, volume fraction	0.035
(B_{wd}) Dry Stack Gas, volume fraction	0.965
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.85
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.47
(G_s) Specific gravity of Stack Gas Relative to Air	0.982
(v_s) Average Stack Velocity, FPM	491.6
(I) Percent Isokinetic	92

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	Cuba						Run No.	1			
Source	Evaporator Bay						Date	4-18-16			
Weather	clear, Sunny						Filter Number	3 Filters			
Testers	MLH		Test(s)	MLS			Barometric Pressure	30.0			
Equipment Identification	Pitot	G4-3	Probe	G4-3	Heater Box	ES-HB	Meter Box	4	Cold box		
Thermocouple Identification	Stack	G4-3	Impinger	S-1	Heater Box	DHB3	Meter In	M4-1	Meter Out	M4-2	
Sampling	Total min (Θ)	240		Total Points (n)				Min/Pt			
Profile	Stack Diameter (in) (D)			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	.352	Nozzle Diameter Calibration Checks		1	0.352	2	0.352	3	0.357		
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.895	Meter (Y)	.988	
1552 1.6.2 Isokinetic Factor Calculation	a = $(D_n^2 X B_{wd})^2$		b= $(1.6+B_{wd})T_s$		c= T_m X ΔH_a		F=1570(aXc)/b		Isokinetic Rate Factor		
										16.2	
Start Time	~~12 [illegible]~~	Final Meter Reading (ft3)	565.883		Orsat/Fyrite/ Analyzer		O_2 (%)	20.8	Comments:		
Finish Time	10:01	Initial Meter Reading (ft3)	464,935				CO_2 (%)	0.2	324.5 - 303.6 = 20.9		
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected	214-200 =	14	ml
.001	cfm@15"Hg	.015	cfm@ 16 "H_g	-.2	"H_2O	✓	at 3"	Silica Gel Weight ~~266.6 [illegible]~~	229.3 - 206.6 =	22.7	gr

Port and Sample Point	Clock Time (min) 10:04	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F) Out	626 hPa Dry	626 hPa Wet
	0	464.935	.11	1.8	6	134	261	67	89	87	257	40
	5		.08	1.3	6	143	259	68	96	87	256	40
	10	469.4	.09	1.5	6	183	259	67	101	87	257	39
	15		.05	.81	6	173	258	65	105	88	258	38
	20		.06	.97	6	507	257	66	106	89	257	39
	25	477.6	.093	.49	5	301	258	67	104	90	259	40
	30		.02	.32	5	219	258	66	104	92	260	40
	35		.12	1.95	10	224	258	68	102	93	259	41
	40		.04	.65	8	176	257	67	100	93	259	40
	45	486.54	.04	.65	8	164	257	64	104	93	258	39
	50	488.52	.04	.65	8	163	258	63	104	94	259	39
1101	55	490.19	.04	.65	15	154	263	65	104	95	257	40
	60	492.188	.07	1.15	6	152	255	62	98	98	262	42

1150

LK ✓ (92) .010 reading 493,548 - 492,188 = 1.360 ft^3

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	Cuba	Run No.	1 2 3
Source	Incinerator Bus	Date	4-18-16
Weather	Cloudy	Filter Number	
Testers	MCH Test(s) 1123	Factor	1.02

Port and Sample Point	Clock Time (min) 65	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	Fdm	Comb
	~~9:55~~ 0	~~464.936~~	.05	.81	6	133	255	62	108	96	261	~~48~~ 44
	70	469.05	.04	.65	6	129	255	63	110	99	264	42
	75 10		.03	.49	6	126	256	63	112	97	263	42
	80	503.21	.06	.97	8	125	256	63	115	99	261	41
	85	505.48	.06	.97	10	121	255	64	116	99	257	40
	90		.02	.33	7	125	256	66	115	99	258	41
	95		.02	.33	7	124	256	67	115	101	249	41
	100	511.36	.02	.33	8	121	256	67	114	102	246	42
	105		.03	.49	9	125	255	66	115	102	257	41
	110	514.84	.02	.33	8	126	256	66	117	102	255	41
	115		.02	.33	8	123	255	65	113	103	258	40
	120	518.0	.02 ~~1.23 PM~~	.33	8	120	256	64	114	103	258	40
	125	519.6	.03	.49	17	121	256	68	116	104	257	40
	130	521.2	.03	.49	17	118	255	64	116	105	257	41
	~~1:34~~ 135		.03	.33	17	119	255	65	116	106	258	41
	140	524.24	.02	.33	17	117	255	66	116	107	258	41
	145		.03	.49	20	121	254	66	115	106	257	40
	150	528.05	.03	.49	25	118	256	67	113	106	259	41
	155		.02	.33	25	121	255	67	111	107	258	42
	160	531.38	.02	.33	25	119	256	67	110	109	260	43
1335 1418	165	533.878	.02	.33	5	120	258	68	109	110	258	42
	170	535.4	.04	.65	6	121	257	67	116	108	259	41
	175	537.73	.04	.65	6	125	257	67	121	107	258	41
	180		.02	.33	5	118	257	67	121	108	258	40
20	185		.04	.65	7	122	256	67	122	109	255	40

Change Filters 533.758 532.878 ? 0.88

Lkv @25 .010
Lkv @ 20 .005

SOURCE SAMPLING FIELD DATA SHEET

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Facility	QTMD - Cuba	Run No.	1 3/3
Source	Fireman's	Date	4-18-16
Weather	Sunny	Filter Number	
Testers	MLH	Test(s) M23	Factor 1.62

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	Pump Vac	Comp
	140	543.83	104	.65	7	125	257	66	121	108	258	40
30	145		103	.79	7	124	256	66	122	109	257	40
	200		103	.79	7	123	256	65	122	109	256	40
40	205	550.03	104	.65	7	118	257	65	122	109	256	40
	210	552.29	105	.81	9	116	257	66	123	110	257	40
50	215	554.8	104	.65	9	112	257	65	120	111	256	42
1531	220	557.05	102	.33	8	153	258	66	110	109	256	43
1531 60	225	558.85	106	.97	12	382	258	65	113	108	257	443
	230		105	.81	15	243	256	65	112	107	259	42
70	235		104	.65	16	211	257	66	111	106	256	42
1537	240	566.883										

SOURCE SAMPLING FIELD DATA SHEET

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Facility	GFMO			Run No.	P2		
Source	Incinerator Flare			Date	4-19-16		
Weather	Sunny			Filter Number			
Testers	MLH	Test(s)	M23	Barometric Pressure	29.95		

Equipment Identification	Pitot	G4-3	Probe	G4-3	Heater Box	ES HB3	Meter Box	M4	Cold box	ES Large (Temp)	
Thermocouple Identification	Stack	G4-3	Impinger	S1	Heater Box	DUB1	Meter In	M4-1	Meter Out	M4-2	
Sampling	Total min (Θ)		240	Total Points (n)		1		Min/Pt			
Profile	Stack Diameter (in) (D)			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.352	Nozzle Diameter Calibration Checks		1	—	2	—	3	—		
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.895	Meter (Y)	.988	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation									16.2		

Start Time	12:43	Final Meter Reading (ft3)	665.560	Orsat/Fyrite/ Analyzer	O_2 (%)	20.6	Comments:	340.2 -314.9 = 25.3 XAD
Finish Time	8:43	Initial Meter Reading (ft3)	565.100		CO_2 (%)	0.1	1040 1st trap Leak	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	
.004 cfm@15"Hg	.004 cfm@ 16 "H_g	-.2 "H_2O	/ at 3"	Silica Gel Weight ~~201.5~~	204 - 200 = 4 ml 223.2 - 201.5 = 21.7 gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) In	Meter Temp (°F) Out	Probe	51.0 Coupl
8:43	0	568.100	.002	~~.8~~.033	4	91	257	67	82	80	255	45
	5	570.25	.03	.849	5	92	257	60	89	79	254	43
	10	572.8	.03	.149	5	92	257	62	93	80	250	42
	15	574.35	.05	.81	6	90	258	63	97	82	255	41
	20	576.63	.06	.97	6	89	259	62	103	84	256	41
	25	579.22	.06	.97	6	90	259	62	105	86	256	40
	30	581.84	.02	.33	3	88	260	63	101	88	258	41
	35	582.42	.02	.33	3	89	259	65	98	90	259	42
	40	583.97	.04	.65	5	91	260	66	103	92	259	42
	45	584.96	.04	.65	5	91	260	66	107	93	256	42
	50	587.16	.04	.65	5	92	259	66	108	94	257	41
	55	589.37	.04	.65	5	92	260	67	110	95	258	42
9:43	60	591.61	.007	~~.9~~ 1.1	7	95	259	64	112	99	254	43

~~1.15~~

SOURCE SAMPLING FIELD DATA SHEET

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Facility	GTMO,	Run No.	02 2/3
Source	Incinerator Box	Date	4-19-18
Weather	Sunny, 80	Filter Number	
Testers	Mc H	Test(s) M23	Factor 16.2

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	
9143	65	594.54	.104	.65	6	93	259	66	114	98	257 42
	70	596.88	.105	.81	6	94	258	67	112	98	257 43
	75	599.32	.104	.65	6	92	259	67	112	98	255 42
	80	601.55	.105	.81	6	91	259	68	114	99	258 43
	85	604.2	.105	.81	6	93	260	66	114	99	258 42
	90	606.6	.106	.97	7	93	260	64	117	100	261 41
	95	609.3	.107	1.1	7	94	260	65	117	101	260 40
	100	612.18	.104	.65	6	95	261	66	116	102	259 41
	105	614.44	.105	.81	6	97	260	67	116	103	260 42
	110	616.94	.105	.81	6	96	260	66	118	103	259 42
	115		.102	.33	4	94	261	67	111	103	259 43
	120	620.01	.103	.49	5	95	260	67	104	100	259 43
	125	621.53	.102	.33	4	94	261	66	101	98	260 44
.97	130	623.17	.106	.97	8	180	259	66	109	100	259 43
	135	625.55	.106	.97	10	159	259	63	111	100	257 43
	140	628.06	.102	.33	6	94	258	65	108	98	258 42
	145		.102	.33	6	100	259	64	106	98	258 42
	150	631.43	.102	.33	6	94	258	65	105	97	259 42
	155	633.02	.102	.33	6	94	261	66	106	97	260 43
	160	634.77	.102	.33	7	98	259	67	106	98	258 43
	165	636.48	.102	.33	8	99	260	67	106	97	258 43
	170	638.51	.102	.33	8	97	259	66	105	97	258 42
	175		.102	.33	8	94	260	65	104	95	258 42
	180		.102	.33	8	95	259	66	105	96	256 43
	185		.102	.33	8	96	260	67	104	95	257 43

(.1) (.06)

SOURCE SAMPLING FIELD DATA SHEET

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Facility	GTMO	Run No.	P2 3/3
Source	Incinerator	Date	4-19-16
Weather	Sunny	Filter Number	
Testers	MRH	Test(s) 23	Factor 16.2

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	Probe	Oven
	190		.102	.33	8	101	259	66	105	96	258	44
	195	647.25	.102	.33	8	104	261	65	105	96	256	44
	200		.103	.49	10	101	259	66	107	98	260	43
	205		.103	.49	11	105	262	65	107	98	257	44
	210		.104	.65	12	111	261	66	108	98	257	44
	215	654.79	.104	.65	13	108	262	66	107	98	260	44
	220	657.06	.102	.33	12	105	261	65	106	99	259	45
	225	658.75	.104	.65	14	108	260	66	108	98	260	45
	230	660.85	.104	.65	15	109	261	65	107	100	260	44
	235	663.25	.105	.81	15	157	261	65	104	99	259	
1243	240	665.586										

Method 5 Field Data Sheet Rev 5, 071015

SOURCE SAMPLING FIELD DATA SHEET

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Facility	GTMO			Run No.	D-3		
Source	Incinerator Bay			Date	4-20-16		
Weather	Sunny			Filter Number	—		
Testers	MCH	Test(s)	M23	Barometric Pressure	29.96		

Equipment Identification	Pitot	G4-3	Probe	G4-3	Heater Box	ES-1&3	Meter Box	M4	Cold box	ES-1	
Thermocouple Identification	Stack	G4-3	Impinger	S-1	Heater Box	ES-1&3	Meter In	M4-1	Meter Out	M4-2	Trap
Sampling	Total min (Θ)		240	Total Points (n)		1		Min/Pt	240		
Profile	Stack Diameter (in) (D)			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	.352	Nozzle Diameter Calibration Checks		1	—	2	—	3	—		

Isokinetic Factor Calculation	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.845	Meter (Y) .988
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor
									16.2

Start Time	8:00	Final Meter Reading (ft3)	776.430	Orsat/Fyrite/ Analyzer	O_2 (%)	20.4	Comments:
Finish Time	12:00	Initial Meter Reading (ft3)	666.300		CO_2 (%)	0.2	XHO 340.3 - 315.3 = 25.0

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	210 - 200 = 10 ml
.003 cfm@15"Hg	.004 cfm@ 14 "Hg	-.20 "H_2O	✓ at 3"	Silica Gel Weight	2140 - 147.6 = 21.4 gr

Port and Sample Point	Clock Time (min) 8:00	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) in	Meter Temp (°F) out	56.4 Tab Probe	Cal
	0	666.3	.105	.81	5	89	256	67	77	74	258	43
	5	668.72	.105	.81	5	86	258	56	82	75	254	42
	10		.103	.149	4	87	257	57	89	77	255	41
	15	673.0	.104	.165	4	88	258	58	96	79	254	40
	20	675.17	.106	.197	6	88	259	55	101	81	255	40
	25	[illegible]	.106	.197	6	90	258	55	104	84	256	39
	30	680.51	.104	.165	5	89	259	56	105	85	256	39
	35	682.83	.107	1.1	6	91	258	57	106	88	253	40
	40	685.66	.106	.197	6	91	258	58	107	90	253	40
	45	688.37	.104	.165	5	92	259	61	107	91	256	41
	50	690.66	.104	.165	5	92	259	60	107	92	256	41
	55	692.9	.105	.181	6	93	258	60	109	93	255	41
	60	695.61	.105	.181	6	93	259	61	110	94	255	42

Method 5 Field Data Sheet Rev 5, 071015

SOURCE SAMPLING FIELD DATA SHEET

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Facility	GTMO	Run No.	D3
Source	Incinerator Box	Date	4-20-16
Weather	Sunny	Filter Number	
Testers	MCH	Test(s)	1423
		Factor	16.2

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) FL	Meter Temp (°F) Out	Probe	Coil
	65	698.29	.07	1.1	7	92	258	62	111	95	257	42
	70	701.17	.07	1.1	7	92	259	62	112	96	258	42
	75	704.04	.06	.97	6	91	259	64	112	96	258	43
	80	706.9	.06	.97	6	91	259	62	113	97	259	42
	85	708.77	.03	.49	5	94	259	62	112	98	257	41
	90	710.79	.06	.97	6	93	257	59	111	98	257	40
	95	713.35	.06	.97	8	95	258	59	112	98	257	39
	100	716.03	.05	.81	7	95	257	61	113	100	256	40
	105	718.55	.06	.97	8	96	258	62	114	100	257	40
	110	721.3	.03	.49	6	96	258	65	113	101	256	41
	115		.04	.65	7	97	257	64	113	101	257	41
	120	725.57	.05	.81	8	98	258	63	114	101	258	40
	125		.04	.65	7	99	258	63	115	103	256	41
	130	730.14	.04	.65	7	95	258	65	114	102	260	42
	135	732.09	.04	.65	7	94	259	66	110	101	256	43
	140	734.12	.04	.65	7	94	260	67	107	98	258	44
	145	736.11	.02	.33	4	94	259	67	104	97	258	45
	150		.02	.33	4	94	257	66	104	96	255	44
	155		.02	.33	4	94	257	63	104	96	257	43
	160	741.08	.04	.65	6	93	259	61	106	96	256	42
	165	743.47	.03	.49	5	96	258	61	107	97	257	41
	170		.04	.65	6	96	260	64	106	96	257	41
	175	747.45	.04	.65	6	95	259	65	109	97	257	42
	180		.05	.81	7	94	259	65	108	97	257	43
	185	751	.03	.49	5	135	259	66	107	96	258	44

SOURCE SAMPLING FIELD DATA SHEET

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Facility	QTMD	Run No.	D3 3/3
Source	Incinerator Run	Date	4-20-16
Weather	Sunny	Filter Number	
Testers	Mc/T Test(s) M23	Factor	16.2

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	Probe	Cond
	190	754.51	.104	.65	7	166	254	62	107	97	259	43
	195	756.97	.104	.65	7	182	259	60	107	96	259	42
	200	759.14	.104	.65	10	320	259	59	108	97	257	41
	205		.104	.65	12	230	259	61	105	97	258	41
	210	764.21	.102	.33	10	200	260	64	104	97	258	42
	215	766.4	.102	.33	10	163	260	67	103	97	258	43
	220	768.49	.102	.33	10	144	259	68	101	96	257	44
	225	770.54	.102	.33	10	133	259	67	100	96	256	43
	230		.102	.33	10	132	259	66	101	95	257	44
	235	774.46	.103	.49	143	131	259	67	101	95	258	45
	240	776.430										
noon												

SOURCE SAMPLING FIELD DATA SHEET

1/3

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Facility	GTMO			Run No.	M23	P4	
Source	Incinerator Bay			Date		4-21-16	
Weather	partly cloudy			Filter Number			
Testers	MLH	Test(s)	M23	Barometric Pressure		29.96	

Equipment Identification	Pitot	GH-3	Probe	GH-3	Heater Box	DHB1	Meter Box	M4	Cold box		
Thermocouple Identification	Stack	1943	Impinger	S-1	Heater Box	DHB1	Meter In	M4-1	Meter Out	M4-2	Trap
Sampling	Total min (Θ)		240	Total Points (n)					Min/Pt		
Profile	Stack Diameter (in) (D)			Downstream Dia.					Upstream Dia.		
Nozzle Diameter (avg) (D_n)	.352	Nozzle Diameter Calibration Checks		1	—	2	—	3	—		

Isokinetic Factor Calculation	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa) 1.875	Meter (Y) .988
16.2	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$	$F = 1570(aXc)/b$		Isokinetic Rate Factor
								16.2

Start Time	8:17	Final Meter Reading (ft3)	859.255	Orsat/Fyrite/ Analyzer	O_2 (%)	20.6	Comments:	
Finish Time	12:57	Initial Meter Reading (ft3)	779.800		CO_2 (%)	0.3	XAD 334.6 - 314.9 = 19.7	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	223-200 = 23	ml
.001 cfm@15"Hg	.005 cfm@ 10 "Hg	-.2 "H_2O	✓ at 3"	Silica Gel Weight	243.5 - 221.3 = 22.2	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) in	Meter Temp (°F) out	Probe Temp (°F)	Probe Temp (°F)
	0	779.8	.103	.49	4	96	252	67	84	82	255	45
	5	781.73	.105	.51	5	94	255	58	96	84	256	43
	10	789.25	.102	.33	3	94	256	57	97	84	257	42
	15	786.29	.102	.33	4	93	258	58	101	85	257	41
	20	788.63	.103	.49	5	95	257	59	104	88	257	41
	25	790.66	.103	.49	5	96	257	60	105	88	258	42
	30	792.69	.104	.65	5	94	257	60	108	91	258	42
	35	795.08	.104	.65	5	96	258	60	110	92	257	41
	40	797.33	.103	.49	4	93	258	63	110	94	259	42
	45		.104	.65	6	96	258	62	113	95	256	40
	50	801.39	.104	.65	7	93	256	58	112	96	257	39
	55	804.02	.104	.65	7	93	257	58	110	97	254	39
	60	806.66	.106	.97	8	93	257	58	111	96	258	40

Method 5 Field Data Sheet Rev 5, 071015

SOURCE SAMPLING FIELD DATA SHEET

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Facility	GTMO	Run No.	D4 2/3
Source	Incinerator Box	Date	4-21-16
Weather	partly cloudy	Filter Number	
Testers	MLH / Test(s) MJB	Factor	16.2

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) In	Meter Temp (°F) Out	
	65	809.58	.106	.97	8	100	258	60	113	97	254 40
	70	812.40	.106	.97	8	102	258	64	113	98	252 41
	75	8	.107	1.1	9	104	259	65	112	99	257 42
	80	818.04	.107	1.1	9	105	259	67	112	100	250 42 3
	85	821.93	.106	.97	8	107	258	68	114	100	252 43
	90	823.68	.106	.97	8	106	258	67	114	101	250 44
	95	826.61	.105	.81	8	104	258	66	114	102	250 44
100	~~100~~	829.16	.105	.81	8	107	257	67	112	102	248 45
105	~~105~~	831.6	.105	.81	8	108	257	67	113	101	249 45
110	~~110~~	834.03	.105	.81	9	106	258	67	113	101	249 45
115	~~115~~	836.38	.105	.81	9	102	257	67	114	101	252 45
120	120	838.73	.104	.65	8	103	258	67	113	103	251 45
125	125	840.2	.104	.65	8	104	258	68	114	103	252 44
130	130	842.64	.105	.81	9	104	258	66	113	102	252 44
135	135	845.1	.105	.81	10	104	259	66	113	101	250 44
140	140	847.6	.104	.65	10	104	258	66	114	102	252 45
145	145	849.97	.104	.65	10	104	258	66	114	102	251 45
150	150		.104	.65	10	104	259	67	112	102	251 45
155	155	854.60	.104	.65	10	103	258	66	113	102	252 44
160	160	856.98	.104	.65	10	105	258	65	112	102	251 44
165	165	859.13	.104	.65	10	108	258	65	112	102	249 45
170	170	861.33	.103	.44	9	107	258	65	113	102	249 45
175	175		.104	.65	10	103	259	66	112	102	251 45
180	180	865.33	.104	.65	10	158	259	65	112	102	251 45
185	185	867.51	.103	.44	13	351	258	66	113	102	250 46

SOURCE SAMPLING FIELD DATA SHEET

3/3

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMO	Run No.	D4
Source	Incinerator Bldg	Date	4-21-16
Weather	Sunny	Filter Number	
Testers	MCH / Test(s) M23	Factor	1.612

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	Dry Vac	Dry Temp
	190		.03	.49	15	243	256	66	112	103	250	45
	195	870.15	.04	.65	16	155	257	65	106	103	252	46
	200	872.58	.04	.65	20	139	258	66	108	103	252	46
0	205	874.252	.05	.81	5	112	254	65	102	100	253	45
	210	877.33	.03	.46	4	112	255	64	108	101	251	45
10	215	879.27	.02	.33	4	109	252	64	110	102	249	46
	220		.06	.97	6	107	250	65	111	102	252	46
20	225	883.73	.03	.49	4	105	252	65	111	101	251	45
	230	885.13	.03	.49	5	105	250	65	108	100	252	45
30	235		.03	.49	5	105	252	66	108	100	251	46
35	240	889.25										

11:30 Engine died
11:35 Vacuum - Filter Change
11:45
12:~~15~~ 20

LK@20" .010

LK@15 .005

4.61 874.825 - 874.252 = .573

252

700.573 ft³

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMO					Run No.	05		
Source	Incinerator Bay					Date	4-22-16		
Weather	~~Sunny~~ Cloudy					Filter Number			
Testers	M4		Test(s)	1423		Barometric Pressure	29.91		
Equipment Identification	Pitot	G4-3	Probe	G6-4	Heater Box	DHB1	Meter Box	M4	Cold box	
Thermocouple Identification	Stack	C4-3	Impinger	S-1	Heater Box	DHB1	Meter In	M4-1	Meter Out	M4-2
Sampling	Total min (Θ)	240	Total Points (n)				Min/Pt			
Profile	Stack Diameter (in) (D)		Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	.372	Nozzle Diameter Calibration Checks	1		2		3			
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.845	Meter (Y)	.978
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor	
Isokinetic Factor Calculation									16.2	

Start Time	8137	Final Meter Reading (ft3)	1005.070	Orsat/Fyrite/ Analyzer	O_2 (%)	20.7	Comments:
Finish Time	1317	Initial Meter Reading (ft3)	889.7		CO_2 (%)	0.3	XHD 345.9 - 319.8 = 26.1

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check		
.003 cfm@15"Hg	.002 cfm@ 10 "Hg	-.2 "H_2O		at 3"	Volume H_2O Collected: ~~246~~ 246.200 − 46 ml; Silica Gel Weight: 251.7 − 228.7 = 23.0 gr

Port and Sample Point	Clock Time (min) 8:38	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	92.1 Avg: prod	cool
	0	889.700	.04	.65	3	93	256	67	86	84	248	45
	5		.03	.49	3	104	256	65	90	85	251	43
	10	893.13	.04	.65	5	211	257	62	98	86	251	42
	15		.03	.49	4	119	258	60	104	88	257	41
	20	897.48	.03	.49	4	114	258	62	105	89	254	40
	25	899.05	.04	.65	5	104	258	62	107	91	255	40
	30	902.66	.04	.65	5	113	258	61	109	91	248	40
	35		.03	.49	5	98	258	62	109	94	255	41
	40		.03	.49	5	99	257	64	108	95	251	42
	45		.03	.49	5	97	257	63	108	96	253	41
	50	910.9	.04	.65	5	98	257	61	109	95	251	40
	55	913.22	.04	.65	5	96	257	59	110	96	254	39
	60	915.58	.04	.65	6	96	257	59	111	97	254	39

Method 5 Field Data Sheet Rev 5, 071015

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMO	Run No.	05 2/3
Source	Incinerator Stack No.	Date	4-22-16
Weather		Filter Number	
Testers	MC4	Test(s) M23	Factor 16.2

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) In	Meter Temp (°F) Out	Probe	Cond
	65		.104	.165	6	96	257	61	111	98	253	40
	70	919.59	.104	.165	6	96	257	64	110	99	253	41
	75		.104	.165	6	97	257	63	111	99	257	41
	80		.104	.165	6	95	257	63	111	99	255	41
	85	925.4	.105	.181	8	96	257	59	112	99	255	40
	90		.105	.181	8	96	257	59	114	100	255	39
	95	930.59	.105	.181	8	96	257	60	116	100	254	39
	100	933.19	.105	.181	8	104	258	62	116	101	258	40
	105	935.73	.106	.197	8/10	101	258	63	115	100	252	41
	110	938.44	.106	.197	10	99	258	64	112	100	251	42
	115	941.2	.106	.197	11	95	258	64	111	99	253	42
	120	943.97	.106	.197	11	105	258	64	112	99	253	43
	125	946.69	.107	1.1	12	140	257	64	110	98	251	43
	130	949.44	.107	1.1	13	200	258	64	109	98	250	44
	1335		.106	.197	14	171	258	65	107	98	252	45
	140	954.72	.0107	1.1	20	160	258	67	103	98	252	46
10	145	956.410	.104	.165	4	111	257	64	96	94	255	44
	150	960.74	.104	.165	5	112	258	63	101	94	252	43
15	155		.104	.165	5	112	257	62	105	94	251	42
	160	965.51	.104	.165	5	109	257	62	106	94	251	41
20	165	968.17	.104	.165	6	104	257	61	109	95	252	41
	170	970.87	.105	.181	6	102	256	61	109	96	253	41
30	175	973.8	.105	.181	6	101	257	61	110	98	256	41
	180	976.2	.105	.181	6	100	256	61	111	97	253	41
40	185	978.8	.105	.181	6	100	256	62	111	97	254	43

Flows ±1% by Fan Control

-1.554 ft^3 Change Filter. Stop @ 11:03 145 mins 956.410 Leak 20 .008

11:43 958.464 Leak 5 .006

SOURCE SAMPLING FIELD DATA SHEET

3/3

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	12+MO	Run No.	D5
Source	Fermenter stack	Date	4-22-16
Weather	cloudy Humid	Filter Number	
Testers	MLH / Test(s) M23	Factor	16.7

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	PROBE	COND
45	140	981.5	.05	.81	6	99	257	62	111	96	255	42
50	145	984.2	.05	.81	6	97	257	62	112	97	254	41
55	200	986.8	.05	.81	6	97	257	62	113	97	255	41
60	205	989.4	.05	.81	6	96	256	62	113	98	256	41
65	210	992.0	.05	.81	6	96	257	62	113	98	257	41
70	215	994.6	.05	.81	6	91	257	61	114	99	257	41
75	220	997.22	.05	.81	6	90	258	61	114	98	257	41
80	225	999.8	.04	.65	5	88	257	62	111	98	258	41
85	230	1001.57	.04	.65	5	89	256	65	109	97	258	42
90	235		.04	.65	5	93	255	66	108	98	256	43
95	240	1005.~~01~~										
		070										
1318												

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMO						Run No.	IV-1			
Source	Incinerator Box						Date	4-25-16			
Weather	Clear						Filter Number				
Testers	MCH		Test(s)	1 2 3			Barometric Pressure	29.82			
Equipment Identification	Pitot	G4-3	Probe	G4-3	Heater Box	DHB1	Meter Box	M-1	Cold box		
Thermocouple Identification	Stack	G4-3	Impinger	S-1	Heater Box	DHB1	Meter In	M4-1	Meter Out	M4-1	
Sampling	Total min (Θ)		240	Total Points (n)				Min/Pt	240		
Profile	Stack Diameter (in) (D)			Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	.352	Nozzle Diameter Calibration Checks		1		2		3			
Isokinetic Factor Calculation	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.845	Meter (Y)	1.988	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
									16.2		
Start Time	1800	Final Meter Reading (ft3)	85.137	Orsat/Fyrite/ Analyzer		O_2 (%)	20.6	Comments:			
Finish Time	2247	Initial Meter Reading (ft3)	6.200			CO_2 (%)	0.3	XAD-326.4-305.0=21.4			
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected	216-200 = 16	ml	
.00 l cfm@15"Hg		.003 cfm@ 16 "Hg		-.16 "H_2O		/ at 3"		Silica Gel Weight	243.9 - 224.6 = 19.3	gr	

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	56.7 Probe	56.7 Cond
	0	6.2	.02	.33	3	171	261	67	268	96	254	42
	5	8.44	.02	.33	3	177	260	67	102	95	252	41
	10	10.68	.02	.33	3	178	258	66	104	95	251	41
	15	12.91	.02	.33	3	173	257	67	106	96	250	41
	20	15.07	.02	.33	4	163	256	68	109	96	251	42
	25	17.06	.02	.33	4	173	256	68	109	98	251	42
	30	18.94	.02	.33	5	161	256	66	110	98	252	41
	35	20.88	.02	.33	6	156	255	66	110	99	251	41
	40		.02	.33	7	210	255	67	110	100	252	42
	45	23.72	.02	.33	9	209	255	67	109	101	253	42
	50	25.33	.02	.33	12	177	256	67	112	102	254	43
	55	26.81	.02	.33	16	270	255	68	110	103	252	44
	60		.02	.33	18	232	253	68	107	104	254	45

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SOURCE SAMPLING FIELD DATA SHEET

AASI
Ambient Air Services, Inc.
Environmental Consultants

106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMO	Run No.	N-1
Source	Incinerator Box	Date	4/25/16
Weather	Clear	Filter Number	
Testers	MLH / Test(s) 1123	Factor	16.2

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	probe	cond
	65		102	.33	20	225	254	68	106	105	245	44
0	70	29.503	102	.33	4	137	250	67	104	104	247	45
	75		102	33	4	183	250	68	105	103	249	45
10	80	33.32	102	.33	4	185	250	68	105	102	251	45
	85	34.73	102	.33	4	186	251	68	105	103	250	46
20	90		102	.33	4	176	251	67	105	101	251	45
	95	37.44	102	.33	5	155	241	65	105	101	251	44
30	100	38.78	102	33	6	166	251	65	106	102	250	44
	105	40.29	102	.33	6	172	252	65	105	102	248	44
40	110	41.71	102	.33	6	169	251	66	104	101	247	45
	115	43.03	102	.33	7	140	251	67	103	100	247	45
50	120		102	.33	7	131	250	67	102	100	246	46
	125		102	133	7	133	251	67	101	99	246	46
60	130		102	133	7	127	251	66	99	98	249	45
	135	47.6	102	.33	8	114	251	65	98	97	246	45
70	140	48.59	102	.33	13	133	248	66	101	97	248	45
	145	50.17	102	.33	14	132	251	63	100	97	251	44
80	150		102	.33	15	136	252	63	102	96	253	44
	155	52.82	102	33	16	144	252	65	103	96	251	45
90	160	54.29	102	.33	18	146	252	65	101	100	250	45
	165			.33	20	144	251	67	99	100	250	46
0-	170	57.204	102	.33	3	133	251	68	92	94	251	46
	175		102	33	4	131	251	62	96	94	250	45
10-	180	60.9	102	33	5	124	252	56	101	93	250	48
	185	63.26	102	.33	6	128	251	56	103	93	249	43

LKV
.462 @ 3
.005 @ 20"
29.503
19:40
29.965
.040 @ 16"
19:32
.455 @ 3
LKV
.005 @ 20"
56.749
21:12
57.204
LKV
.002 @ 5
21:37

SOURCE SAMPLING FIELD DATA SHEET

3/3

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMO	Run No.	M23-IV1
Source	Incinerator Box	Date	4-25-16
Weather	Clear M23 ~~M26~~	Filter Number	
Testers	MLH Test(s) ~~OTM29~~	Factor	16.2

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	probe	Cond
20	140	65.56	.02	.33	7	117	251	58	105	94	250	42
	145	67.73	.02	.33	8	126	252	58	106	95	251	41
30	200		.02	.33	8	126	251	59	106	96	251	41
	205		.02	.33	9	133	253	60	106	97	250	40
40	210	73.85	.02	.33	10	125	252	59	106	97	249	40
	215		.02	.33	12	130	252	61	104	98	250	41
50	220	77.80	.02	.33	14	129	248	63	103	98	251	42
	225	79.89	.02	.33	14	121	252	63	104	97	252	42
60	230	81.37	.02	.33	15	112	252	62	105	98	252	42
	235	83.11	.02	.33	15	113	254	61	107	98	253	41
70	240	85.132										

22147

SOURCE SAMPLING FIELD DATA SHEET

1/3

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	QTMO - Cuba					Run No.	N 2				
Source	Incinerator Box					Date	7-26-16				
Weather	Clear					Filter Number					
Testers	MLH		Test(s)	M23		Barometric Pressure	29.80				
Equipment Identification	Pitot	G4-3	Probe	G4-3	Heater Box	DHB1	Meter Box	M4	Cold box		
Thermocouple Identification	Stack	G4-3	Impinger	S-1	Heater Box	DHB1	Meter In	M4-1	Meter Out	M4-2	(Top)
Sampling Profile	Total min (Θ)	240	Total Points (n)	1			Min/Pt				
	Stack Diameter (in) (D)		Downstream Dia.				Upstream Dia.				
Nozzle Diameter (avg) (D_n)	.394	Nozzle Diameter Calibration Checks	1	0.394	2	0.394	3	0.394			
Isokinetic Factor Calculation	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.895	Meter (Y)	.988	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
									1.026		
Start Time	17:34	Final Meter Reading (ft3)	177.327	Orsat/Fyrite/ Analyzer		O_2 (%)	20.8	Comments:			
Finish Time	21:34	Initial Meter Reading (ft3)	85.700			CO_2 (%)	0.2	XAD 330.4 - 306.0 = 24.4			
Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	220-200 = 20 ml						
.003 cfm@15"Hg	.007 cfm@14 "H_g	-.1 "H_2O	at 3"	Silica Gel Weight	243.6 - 222.6 = 21.0 gr						

Port and Sample Point	Clock Time (min) 17:34	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	65.4 Avg Dry	Avg Wet
	0	85.700	.102	.145	3	111	2035	68	97	95	254	46
	5	87.66	.102	.145	3	118	258	67	101	94	250	45
	10	89.62	.102	.145	3	131	259	67	104	95	247	45
	15	91.55	.102	.145	3	119	258	67	106	96	249	45
	20	93.47	.102	.145	3	114	246	67	107	96	251	45
	25	95.41	.102	.145	3	109	254	67	108	98	254	46
	30	97.36	.102	.145	3	107	260	67	109	98	249	46
	35	99.25	.102	.145	3	110	253	67	104	99	249	45
	40	101.12	.102	.145	3	127	255	67	112	101	247	45
	45	103.10	.102	.145	3	128	256	67	113	1083	245	45
	50		.102	.145	3.4	127	234	67	111	103	244	45
	55		.102	.145	4	126	264	67	114	103	247	45
	60	106.35	.102	.145	4	123	249	67	114	102	248	45

SOURCE SAMPLING FIELD DATA SHEET

2/3

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	QTMO - Cuba	Run No.	N2
Source	Incinerator Bay	Date	4-25-16
Weather	~~Clear~~ Cloudy up	Filter Number	
Testers	MW	Test(s) M23	Factor 22.6

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)		
										box	probe	cond
	65	104.47	.02	.45	5	124	261	67	110	103	248	46
	70	111.36	.02	.45	5	126	261	67	111	102	248	46
	75	113.31	.02	.45	6	122	260	67	112	104	246	45
	80	115.36	.02	.45	6	120	249	67	113	103	247	45
	85	117.33	.02	.45	6	117	255	67	113	103	248	45
	90	119.3	.02	.45	6	114	265	68	112	104	249	46
	95		.02	.45	6	114	250	67	112	103	248	45
	100	122.92	.02	.45	8	108	257	67	112	103	248	44
	105	124.64	.02	.45	8	111	261	68	111	102	250	45
	110	126.28	.02	.45	9	111	268	67	111	103	254	45
	115	128.07	.02	.45	9	110	268	63	112	103	254	43
	120	129.86	.02	.45	10	114	261	62	112	105	250	42
	125	131.60	.02	.45	10	120	265	62	110	106	251	42
	130	133.37	.02	.45	10	111	262	62	109	105	250	41
	135	135.06	.02	.45	10	111	263	63	108	105	249	41
	140	137.15	.02	.45	11	105	235	60	109	104	250	40
	145	134.33	.02	.45	12	96	241	59	110	102	253	40
	150	141.51	.02	.45	11	93	257	59	112	103	256	40
	155	143.50	.02	.45	11	97	250	60	112	103	253	41
	160	145.49	.02	.45	11	100	256	61	113	103	253	41
	165	147.40	.02	.45	11	104	255	63	111	105	251	42
	170	149.27	.02	.45	11	96	256	61	109	104	252	41
	175	151.09	.02	.45	11	100	257	61	109	103	251	41
	180		.02	.45	11	102	256	63	108	103	249	42
	185	154.61	.02	.45	12	102	256	63	109	103	248	

SOURCE SAMPLING FIELD DATA SHEET

3/3

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	QTMO - Cuba Land Fill	Run No.	N-2
Source	Incinerator Box	Date	4-25-16
Weather	cloudy	Filter Number	
Testers	mult	Test(s) M23	Factor 22.6

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) in	Meter Temp (°F) out	probe	oven
	140	156.61	.102	.45	12	99	257	61	109	103	250	41
	145	158.64	.102	.45	12	101	258	61	108	102	249	41
	200	160.63	.102	.45	12	105	237	63	108	102	247	42
	205	162.51	.102	.45	12	101	254	63	108	101	250	42
	210	164.36	.102	.45	12	105	250	63	107	101	248	42
	215	166.23	.102	.45	13	103	253	63	108	101	250	42
	220	168.42	.102	.45	13	96	256	62	108	101	252	42
	225		.102	.45	13	93	258	63	110	100	253	43
	230		.102	.45	13	91	254	63	111	102	255	43
	235	175.18	.102	.45	13	96	258	64	112	101	256	44
~~Early~~	240	177.327										
2134												

SOURCE SAMPLING FIELD DATA SHEET

1/3

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
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Facility	GTMO - Cuba			Run No.	N3		
Source	Incinerator Box			Date	4/27/16		
Weather	Clear			Filter Number			
Testers	MH	Test(s)	M23	Barometric Pressure	29.81		

Equipment Identification	Pitot	G4-3	Probe	G4-3	Heater Box	DHB1	Meter Box	M4	Cold box		
Thermocouple Identification	Stack	G4-3	Impinger	S4	Heater Box	DHB1	Meter In	M4-1	Meter Out	M4-2	Top
Sampling	Total min (Θ)	240	Total Points (n)					Min/Pt			
Profile	Stack Diameter (in) (D)	12	Downstream Dia.					Upstream Dia.			
Nozzle Diameter (avg) (D_n)	.394	Nozzle Diameter Calibration Checks		1		2		3			
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)		Meter (Y)	.988	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		F=1570(aXc)/b		Isokinetic Rate Factor		
Isokinetic Factor Calculation									≥2.6		

Start Time	17:45	Final Meter Reading (ft3)	256.965	Orsat/Fyrite/ Analyzer	O_2 (%)	20.8	Comments:
Finish Time	21:45	Initial Meter Reading (ft3)	177.900		CO_2 (%)	0.2	XAD 352.2-326.0=26.2

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	
.005 cfm@15"Hg	.003 cfm@10 "H_g	-.1 "H_2O	✓ at 3"	Silica Gel Weight	248-200=18 ml 239.7-223.4=16.3 gr

Port and Sample Point	Clock Time (min) 17:45	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) in	Meter Temp (°F) out	60.5 Total: Probe	60.5 Total: Canal
	0	177.900	.02	.45	3	126	260	67	99	97	260	46
	5		.02	.45	3	123	259	67	104	97	258	45
	10	181.44	.02	.45	3	135	259	67	106	97	255	45
	15	183.40	.02	.45	4	124	259	66	108	97	255	45
	20		.02	.45	4	127	257	66	109	98	256	45
	25	188.28	.02	.45	4	128	257	66	111	99	256	44
	30	190.41	.02	.45	4	126	258	66	111	100	255	44
	35		.02	.45	4	126	258	67	113	101	254	45
	40	194.63	.02	.45	4	118	258	67	112	101	255	45
	45	196.70	.02	.45	4	122	258	65	112	101	253	44
	50	198.77	.02	.45	4	119	257	65	113	102	254	43
	55	200.81	.02	.45	4	118	257	65	113	102	253	43
	60	202.86	.02	.45	4	116	257	65	112	103	251	43

SOURCE SAMPLING FIELD DATA SHEET 2/3

AASI Ambient Air Services, Inc. Environmental Consultants
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Facility	Atmo - Cuba	Run No.	N3
Source	Incinerator Box	Date	4-27-16
Weather	Clear	Filter Number	
Testers	MLH	Test(s) M23	Factor 22.6

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) IN	Meter Temp (°F) OUT	1 probe	1 cond
	65	204.70	.02	.45	5	116	257	68	110	102	255	434
	70	206.22	.02	.45	5	114	257	68	109	103	250	44
	75	207.75	.02	.45	5	111	256	67	111	103	251	45
	80	209.28	.02	.45	5	110	255	67	110	103	251	45
	85	210.81	.02	.45	5	117	256	67	110	103	251	45
	90	212.32	.02	.45	5	110	255	67	110	103	250	44
	95	213.82	.02	.45	5	106	256	68	110	102	251	44
	100	215.34	.02	.45	5	104	256	68	110	102	250	45
	105	216.86	.02	.45	5	105	256	67	109	101	252	45
	110	218.35	.02	.45	5	103	255	66	108	102	250	44
	115	219.84	.02	.45	5	104	256	67	108	101	250	44
	120	221.35	.02	.45	5	104	255	68	107	101	251	45
	125	222.85	.02	.45	5	104	255	68	107	100	252	45
	130	224.36	.02	.45	5	105	256	68	107	100	252	45
	135	225.86	.02	.45	5	107	255	67	108	100	252	44
	140	227.35	.02	.45	5	111	254	66	108	101	250	43
	145	228.82	.02	.45	5	118	254	66	107	100	250	43
	150	230.26	.02	.45	5	110	254	67	107	101	251	43
	155	231.669	.02	.45	5	106	254	67	107	100	255	43
	160	233.14	.02	.45	5	107	253	67	108	101	252	43
	165	234.54	.02	.45	5	111	255	68	108	100	251	44
	170	235.93	.02	.45	5	109	255	68	108	101	255	44
	175	237.33	.02	.45	5	107	256	68	109	101	253	44
	180	238.81	.02	.45	5	108	255	68	109	102	254	45
	185		.02	.45	6	108	255	66	110	101	257	44

SOURCE SAMPLING FIELD DATA SHEET

3/3 ~~3/9~~

AASI Ambient Air Services, Inc. Environmental Consultants

106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMO - Cuba	Run No.	3N3
Source	Incinerator Box	Date	4-27-16
Weather	Clear	Filter Number	
Testers	MLH	Test(s)	M23
		Factor	226

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) in	Meter Temp (°F) out	Probe	Cond
	190	241.78	102	.45	6	104	256	65	110	102	255	44
	195	243.22	102	.45	6	110	256	65	110	102	257	43
	200	244.63	102	.45	6	109	257	66	110	102	255	43
	205	245.99	102	.45	6	109	256	67	108	101	256	44
	210	247.45	102	.45	7	109	255	66	110	103	256	44
	215		102	.45	7	102	255	63	111	102	255	42
	220	250.64	102	.45	8	100	255	63	111	103	255	41
	225	252.22	102	.45	8	104	255	63	111	102	255	41
	230	253.85	102	.45	9	104	256	62	111	103	255	41
	235	255.4	102	.45	9	104	256	64	111	102	255	42
2145	240	256.965										

SOURCE SAMPLING FIELD DATA SHEET

1/3

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Facility	GTMO					Run No.	N4				
Source	Incinerator Bag					Date	4-28-16				
Weather	~~part~~ Cloudy					Filter Number					
Testers	MLH		Test(s)	M23		Barometric Pressure	29.81				
Equipment Identification	Pitot	G4-3	Probe	G4-3	Heater Box	DHB1	Meter Box	M4	Cold box		Top
Thermocouple Identification	Stack	G4-3	Impinger	S-1	Heater Box	DHB1	Meter In	M4-1	Meter Out	M4-2	
Sampling	Total min (Θ)		240	Total Points (n)				Min/Pt			
Profile	Stack Diameter (in) (D)		12	Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	.394	Nozzle Diameter Calibration Checks		1		2		3			
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.875	Meter (Y)	.988	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation											
Start Time	17:35	Final Meter Reading (ft3)	852.814		Orsat/Fyrite/ Analyzer		O_2 (%)	20.8	Comments: YAV		
Finish Time	21:55	Initial Meter Reading (ft3)	260.320				CO_2 (%)	0.2	338.7 - 309.5 = 29.2		
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected	215 - 200 = 15 ml		
.002 cfm@15"Hg		0.001 cfm@ 10 "Hg		-.1 "H_2O		✓ at 3"		Silica Gel Weight	246.4 - 225.9 = 20.5 gr		

Port and Sample Point	Clock Time (min) 17:35	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) In	Meter Temp (°F) Out		64.7 Tol
	0	260.320	.102	.145	3	152	258	67	105	99	252	47
	5	262.26	.102	.145	3	153	258	67	109	100	252	46
	10	264.24	.102	.145	4	142	257	67	112	100	252	45
	15		.102	.145	4	137	257	67	113	103	253	45
	20	267.94	.102	.145	4	141	257	68	114	103	253	46
	25	269.82	.102	.145	15	134	254	65	113	105	252	45
	30	271.72	.102	.145	10	131	254	64	114	106	249	44
	35	273.61	.102	.145	13	134	253	65	114	108	249	44
	40	275.53	.102	.145	14	132	253	66	111	107	248	45
	45	277.43	.102	.145	16	138	251	66	108	107	249	45
	50	279.30	.102	.145	18	141	252	66	107	107	249	45
	55	281.01	.102	.145	20	136	251	66	104	106	250	45
Filter Change *	60	282.674	.102	.145	3	125	256	68	103	100	249	

* stop 18:35 @ 60 282.674 .007 @24
restart 18:55 283.224 .003 @15

0.550 ft³

SOURCE SAMPLING FIELD DATA SHEET

2/3

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
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Facility	GTMO	Run No.	N 4
Source	Incinerator Rox	Date	4-28-16
Weather	Cloudy	Filter Number	
Testers	MLH Test(s) 1123	Factor	22.6

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	probe	Comb
	65	285.21	.02	.45	3	127	255	66	105	101	247	45
	70	287.13	.02	.45	3	122	254	61	106	100	248	43
	75	289.12	.02	.45	3	117	253	61	105	100	246	42
	80	291.03	.02	.45	3	122	253	61	106	99	248	41
	85	292.95	.02	.45	3	108	253	61	106	99	250	41
	90	294.76	.02	.45	3/4	111	253	63	106	99	249	42
	95	296.57	.02	.45	5	110	253	64	106	99	249	42
	100	298.52	.02	.45	5	111	252	63	106	99	249	42
	105	300.47	.02	.45	5	104	253	62	106	98	251	41
	110	302.43	.02	.45	5	101	253	63	108	98	254	41
	115	304.35	.02	.45	6	97	253	63	108	99	253	41
	120	306.33	.02	.45	6	97	254	63	109	99	253	40
	125	308.26	.02	.45	6	93	256	63	110	100	255	40
	130	310.21	.02	.45	6	93	255	62	111	100	257	40
	135	312.15	.02	.45	6	96	256	62	112	102	258	40
	140	314.08	.02	.45	6	101	255	63	113	101	257	40
	145	316.04	.02	.45	6	102	256	64	112	101	258	41
	150	318.0	.02	.45	7	104	258	65	111	101	259	42
	155	319.96	.02	.45	7	105	258	63	111	100	258	41
	160	321.93	.02	.45	7	106	258	61	110	99	259	40
	165	323.77	.02	.45	7	100	256	60	112	102	258	40
	170	325.69	.02	.45	7	108	257	61	113	101	255	40
	175	327.60	.02	.45	8	97	258	62	113	102	260	40
	180	329.53	.02	.45	8	97	258	62	112	101	260	40
	185	331.43	.02	.45	8	98	257	60	113	102	258	40

SOURCE SAMPLING FIELD DATA SHEET

3/3

AASI
Ambient Air Services, Inc.
Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	QTMU	Run No.	IN 1
Source	Incinerator Box	Date	4/28/16
Weather	Cloudy	Filter Number	
Testers	MCH / Test(s) M23	Factor	22,6

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) in	Meter Temp (°F) out	Probe	Cond
	190	333.36	.02	.45	8	95	256	60	114	102	257	40
	195	335.29	.02	.45	8	101	257	60	114	103	258	40
	200	337.22	.02	.45	8	96	256	61	114	103	256	40
	205	339.16	.02	.45	8	94	256	61	114	104	256	40
	210	341.10	.02	.45	8	94	256	62	114	104	256	40
	215	343.02	.02	.45	8	94	256	63	113	104	254	41
	220	344.94	.02	.45	8	95	256	64	113	103	254	41
	225	346.82	.02	.45	8	93	254	64	113	104	255	41
	230	348.76	.02	.45	8	96	255	65	114	103	257	42
	235	350.70	.02	.45	8	91	258	64	114	104	256	42
	240	352.814										

SOURCE SAMPLING FIELD DATA SHEET

1/3

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
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Facility	QTMU					Run No.	N5		
Source	Incinerator Bag					Date	4/29/16		
Weather	Partly Cloud					Filter Number			
Testers	MC4	Test(s)	M23			Barometric Pressure	29.90		

Equipment Identification	Pitot	G4-3	Probe	G4-3	Heater Box	DHB1	Meter Box	M4	Cold box		Trap
Thermocouple Identification	Stack	G4-3	Impinger	S-1	Heater Box	DHB1	Meter In	M4-1	Meter Out	M4-2	
Sampling	Total min (Θ)		240	Total Points (n)		1		Min/Pt			
Profile	Stack Diameter (in) (D)		12	Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	.394	Nozzle Diameter Calibration Checks		1		2		3			

Isokinetic Factor Calculation	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)		Meter (Y) 0.985
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor
									2246

Start Time	1816	Final Meter Reading (ft3)	570.412	Orsat/Fyrite/ Analyzer	O_2 (%)	20.8	Comments: XAD	
Finish Time	2216	Initial Meter Reading (ft3)	479.400		CO_2 (%)	0.1	331.4 - 303.4 = 28.0	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	218 - 200 = 18	ml
.002 cfm@15"Hg	.003 cfm@18 "Hg	-.1 "H_2O	✓ at 3"	Silica Gel Weight	247.8 - 229.1 = 18.7	gr

Port and Sample Point	Clock Time (min) 18.17	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) In	Meter Temp (°F) Out	64.7 probe	64.7 Cond
	0	479.400	.02	.45	3	96	259	67	90	89	251	48
	5	481.42	.02	.45	3	92	257	59	97	90	250	40
	10		.02	.45	3	90	255	57	101	91	250	38
	15	485.35	.02	.45	3	93	255	59	104	92	253	39
	20		.02	.45	3	95	256	60	105	94	251	39
	25	489.27	.02	.45	4	102	255	62	107	94	248	40
	30		.02	.45	4	97	254	62	108	98	254	40
	35	493.13	.02	.45	4	95	256	62	109	97	256	40
	40	495.05	.02	.45	4	92	255	62	110	99	254	40
	45	496.96	.02	.45	4	92	254	62	110	99	254	40
	50	498.86	.02	.45	4	84	254	62	110	100	254	40
	55	500.78	.02	.45	4	96	256	63	111	100	255	41
	60	502.70	.02	.45	4	98	254	64	111	101	255	41

SOURCE SAMPLING FIELD DATA SHEET

2/3

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
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Facility	QTMC	Run No.	IV 5
Source	Incinerator Box	Date	4/24/16
Weather	partly cloud	Filter Number	
Testers	MLH	Test(s)	M23	Factor	22.5

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) in	Meter Temp (°F) out	probe	cond
	65	504.65	.02	.45	4	97	255	64	111	100	255	42
	70	506.57	.02	.45	4	90	254	61	109	101	255	40
	75	508.47	.02	.45	5	94	253	61	110	100	255	40
	80	510.38	.02	.45	5	94	255	60	110	101	256	39
	85	512.31	.02	.45	5	93	254	60	110	99	256	39
	90	514.17	.02	.45	6	98	254	59	110	101	256	39
	95		.02	.45	6	98	254	59	112	100	255	39
	100	518.03	.02	.45	6	97	254	59	112	101	256	39
105	~~110~~	519.84	.02	.45	6	98	253	60	111	101	25	39
110	~~115~~		.02	.45	6	95	255	61	111	102	255	40
115	~~120~~	523.8	.02	.45	6	94	255	60	110	101	254	40
120	~~125~~	525.7	.02	.45	6	93	256	57	111	102	255	38
125	130	527.5	.02	.45	7	91	256	56	111	101	255	36
130	~~135~~	529.5	.02	.45	6	87	256	56	111	102	256	36
135	~~140~~	531.4	.02	.45	6	94	256	58	111	100	256	37
140	~~145~~	533.3	.02	.45	6	97	255	58	111	101	257	37
145	~~150~~	535.0	.02	.45	7	96	255	58	111	100	255	37
150	~~155~~	537.0	.02	.45	8	88	255	58	112	101	256	38
155	~~160~~	539.1	.02	.45	8	89	256	58	111	100	255	39
160	~~165~~	540.7	.02	.045	8	89	256	59	111	102	255	41
165	~~170~~	542.3	.02	.45	8	90	256	60	111	100	257	40
170	~~175~~	544.6	.02	.45	8	91	257	61	112	100	257	40
175	~~180~~		.02	.45	8	91	255	62	111	100	257	40
180	185	548.33	.02	.45	8	92	256	60	110	99	257	41
185	190	550.22	.02	.45	9	91	256	61	111	100	255	41

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	QTMO	Run No.	N5
Source	Incinerator Box	Date	4/29/16
Weather	Clear	Filter Number	
Testers	MLH	Test(s)	1423
		Factor	2246

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) In	Meter Temp (°F) Out	Probe	Load
	140	552.0	.02	0.45	9	89	257	61	170	101	250	40
	145	553.94	.02	.45	9	90	256	61	114	101	257	40
	200	555.85	.02	.45	9	91	257	61	111	101	257	40
	205	557.70	.02	.45	10	92	256	60	110	101	257	~~40~~ 39
	210	559.59	.02	.45	10	89	255	60	109	100	252	39
	215	561.47	.02	.45	10	97	255	60	109	101	257	39
	220	563.34	.02	.45	10	93	256	60	109	100	255	39
	225	56	.02	.45	11	100	255	61	107	101	254	40
	230	566.83	.02	.45	12	113	256	62	~~114~~	99	253	40
	235	568.66	.02	.45	13	104	256	61	108	99	255	40
2246	240	570.42										

$T_{M_{14}}$ / F_{14} 107

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	QTMO			Run No.	P6		
Source	Incinerator Box			Date	4/29/16		
Weather	Sunny			Filter Number			
Testers	MLH	Test(s)	M23	Barometric Pressure	29.90		

Equipment Identification	Pitot	C-4-3	Probe	G4-3	Heater Box	DHB1	Meter Box	M4	Cold box		Top
Thermocouple Identification	Stack	C-4-3	Impinger	S-1	Heater Box	DHB1	Meter In	M4-1	Meter Out	M4-2	
Sampling	Total min (Θ)		240	Total Points (n)				Min/Pt			
Profile	Stack Diameter (in) (D)		394	Downstream Dia.				Upstream Dia.			
Nozzle Diameter (avg) (D_n)	0.394	Nozzle Diameter Calibration Checks		1		2		3			
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.865	Meter (Y)	1.988	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation									22.6		

Start Time	1100	Final Meter Reading (ft3)	478.839	Orsat/Fyrite/ Analyzer	O_2 (%)	20.5	Comments: XAD
Finish Time	1502	Initial Meter Reading (ft3)	353.301		CO_2 (%)	0.5	331.2-308.4=22.8

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	220 - 200 = 20 ml
.002 cfm@15"Hg	.002 cfm@ 18 "Hg	-.2 "H_2O	✓ at 3"	Silica Gel Weight	251.5 - 224.9 = 26.6 gr

Port and Sample Point	Clock Time (min) 1100	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) in	Meter Temp (°F) out	69.4 probe	69.4 Conv
	0	353.300	.64	0.90	5	100	265	67	96	94	261	46
	5	355.52	.04	0.40	6	99	267	60	102	94	262	43
	10	357.74	.03	.68	5	98	257	59	105	94	258	41
	15	360.09	.03	.68	5	98	260	60	107	95	257	40
	20	362.41	.03	.68	5	99	256	60	108	96	255	40
	25	364.73	.03	.68	5	99	257	60	108	97	256	39
	30	367.1	.03	.68	5	99	256	60	109	97	255	39
	35	369.39	.03	.68	5	99	256	61	109	98	255	40
	40	371.73	.03	.68	5	99	256	61	109	98	255	40
	45	374.07	.03	.68	5	99	255	62	110	99	256	40
	50	376.40	.03	.68	5	99	254	63	111	99	256	41
	55	378.72	.03	.68	5	100	254	63	111	100	255	41
	60	381.05	.03	.68	5	100	257	65	111	100	255	42

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	QTMO	Run No.	D6
Source	Incinerator Box	Date	4/29/16
Weather	Sunny	Filter Number	
Testers	MH	Test(s)	M23
		Factor	22.6

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) M	Meter Temp (°F) out	Probe	Comp
	65		.03	.68	5	~~64~~ 100	256	~~64~~ 63	111	101	255	42
	70	385.75	.03	.68	5	~~63~~ 101	~~254~~ 256	~~63~~ 63	112	102	250	41
	75		.03	.68	5	103	257	63	113	102	255	41
	80	390.47	.03	.68	5	103	257	64	113	103	256	42
	85	392.86	.03	.68	5	103	257	65	114	103	251	43
	90		.03	.68	5	102	256	63	114	104	255	42
	95		.03	.68	5	102	257	61	114	104	257	41
	100	400.09	.03	.68	5	101	257	61	115	105	258	41
	105	402.34	.03	.68	5	102	257	62	115	105	256	41
	110	404.62	.04	.90	8	101	257	63	113	105	257	42
	115		.04	.90	9	140	257	63	114	105	258	42
	120	409.91	.05	1.1	10	184	257	64	116	104	260	42
	125	412.85	.05	1.1	10	172	258	65	117	106	256	43
	130		.05	1.1	11	2050	258	65	114	106	258	43
	135	418.39	.05	1.1	12	314	257	65	110	106	260	42
	140	421.30	.05	1.1	13	322	258	64	112	106	258	42
	145	424.20	.05	1.1	13	285	259	65	111	105	257	43
	150	427.10	.05	1.1	13	173	257	67	114	106	256	44
	155	~~432.82~~	.05	1.1	13	143	255	65	117	107	254	43
	160	432.82	.05	1.1	13	195	257	66	114	108	253	43
	165	435.65	.05	1.1	14	195	258	62	115	107	255	42
	170		.05	1.1	15	148	258	63	114	108	255	42
	175		.05	1.1	16	194	258	65	116	108	258	41
	180		.05	1.1	16	172	257	66	116	109	256	42
	185	447.02	.05	1.1	16	164	256	67	116	110	257	43

13:12 did Fan to ~~132~~ 13:14

~~Fouled~~ ~~1330~~

SOURCE SAMPLING FIELD DATA SHEET

3/3

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	Q+MO	Run No.	D6
Source	Incinerator Box	Date	4/29/16
Weather	Partly Cloudy	Filter Number	
Testers	MLH	Test(s)	M23
		Factor	2.26

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)		
										out	probe	Cond
	190		.05	1.1	16	196	257	64	113	108	257	42
	195	452.76	.05	1.1	17	150	256	64	115	109	256	41
	200		.05	1.1	17	146	257	64	113	109	255	41
	205	458.59	.05	1.1	18	145	257	64	113	109	258	41
	210		.05	1.1	18	152	258	66	114	111	258	42
	215	464.4	.05	1.1	18	143	258	65	111	110	258	42
	220		.05	1.1	18	137	258	61	107	108	258	40
	225		.05	1.1	18	130	257	62	108	108	256	40
	230		.05	1.1	18	136	255	62	107	107	258	41
	235	476.94	.05	1.1	18	128	255	62	109	107	255	41
	240	478.839										
K502												

Method 5 Field Data Sheet Rev 5, 071015

Ambient Air Services, Inc.
Field Balance Calibration Record

Date	1/5/2016		
Technician	MEH		
Balance Make/model	Ohaus Scout Pro SP401		
Serial Number	7122090270		
Standard Weights ID	S-2	Certification Date	8/28/15

Note: All weights are in grams.

Standard Weight	Indicated Weight	Difference
50.0	50.0	0.0
100.0	100.0	0.0
150.0	149.9	-0.1
200.0	199.9	-0.1
250.0	249.9	-0.1

Technician Signature: Mike Hinkel

QA Review Signature: Daniel Ockenhouse

QA Review Date: 1/21/2016

Balance Calibration Record
Template
Rev 4 010516

AMBIENT AIR SERVICES METHOD 5 PRE-TEST CONSOLE CALIBRATION

USING CALIBRATED CRITICAL ORIFICES

5-POINT ENGLISH UNITS

Meter Console Information	
Console Model	AASI
Console Serial Number	4
DGM Model Number	S-190
DGM Serial Number	72575

Calibration Conditions			
Date	Time	12/10/2015	13:20
Barometric Pressure		29.88	in Hg
Theoretical Critical Vacuum[1]		14.1	in Hg
Calibration Technician		MEH	

Factors/Conversions		
Std Temp	528	^{o}R
Std Press	29.92	in Hg
K_1	17.647	oR/in Hg

[1]For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above.

[2]The Critical Orifice Coefficient, K', must be entered in English units, $(ft^3*^oR^{1/2})/(in.Hg*min)$.

Calibration Data

Run Time	Metering Console					Critical Orifice				
Elapsed	DGM Orifice ΔH	Volume Initial	Volume Final	Outlet Temp Initial	Outlet Temp Final	Serial Number	Coefficient	Amb Temp Initial	Amb Temp Final	Actual Vacuum
(Θ)	(P_m)	(V_{mi})	(V_{mf})	(t_{mi})	(t_{mf})		K'	(t_{amb})	(t_{amb})	
min	in H_2O	cubic feet	cubic feet	^{o}F	^{o}F		see above2	^{o}F	^{o}F	in Hg
6	4.20	924.942	931.583	68	69	73	0.8486	71	72	15
8	2.20	931.583	938.156	69	70	63	0.6213	72	73	18
11	1.30	938.156	945.132	70	72	55	0.4793	73	74	20
15	0.77	945.132	952.404	72	73	48	0.3740	74	77	22
20	0.34	952.404	959.028	73	75	40	0.2511	77	77	24

Results

Standardized Data				Dry Gas Meter				
				Calibration Factor		Flowrate	ΔH @	
Dry Gas Meter		Critical Orifice		Value	Variation	Std & Corr	0.75 SCFM	Variation
($V_{m(std)}$)	($Q_{m(std)}$)	($Vcr_{(std)}$)	($Q_{cr(std)}$)	(Y)	(ΔY)	($Q_{m(std)(corr)}$)	(ΔH@)	(ΔΔH@)
cubic feet	cfm	cubic feet	cfm		Note	cfm	in H2O	
6.694	1.116	6.599	1.100	0.986	-0.002	1.100	1.991	0.096
6.581	0.823	6.436	0.804	0.978	-0.010	0.804	1.926	0.032
6.949	0.632	6.820	0.620	0.981	-0.006	0.620	1.902	0.008
7.215	0.481	7.244	0.483	1.004	0.016	0.483	1.848	-0.047
6.546	0.327	6.475	0.324	0.989	0.002	0.324	1.806	-0.089
				0.988	Y Average		1.895	ΔH@ Average

Note: For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +-0.02.

I certify that the above Dry Gas Meter was calibrated in accordance with USEPA Methods, CFR 40 Part 60, using the Precision Wet Test Meter # 11AE6, which in turn was calibrated using the American Bell Prover # 3785, certificate # F107, which is traceable to the National Bureau of Standards (N.I.S.T.) and in accordance with AASI Shop SOP 3.3.B.

Technician Sign: Mike Hinkel Date: 12/10/2015 Q A Signature: Daniel Ockenhouse Date: 1/5/2016

AMBIENT AIR SERVICES METHOD 5 POST-TEST CONSOLE CALIBRATION

USING CALIBRATED CRITICAL ORIFICES

3-POINT ENGLISH UNITS

Meter Console Information	
Console Number	AASI 4
Pre-test "Y' value	0.988
DGM Model Number	S-190
DGM Serial Number	72575

Calibration Conditions			
Date	Time	6/20/2016	13:15
Barometric Pressure		30.21	in Hg
Theoretical Critical Vacuum[1]		14.3	in Hg
Calibration Technician	MEH	Project	NSGB

Factors/Conversions		
Std Temp	528	^{o}R
Std Press	29.92	in Hg
K_1	17.647	oR/in Hg

[1]For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above.

[2]The Critical Orifice Coefficient, K', must be entered in English units, $(ft^3*^oR^{1/2})/(in.Hg*min)$.

Calibration Data

Run Time	Metering Console					Critical Orifice				
Elapsed	DGM Orifice ΔH	Volume Initial	Volume Final	Outlet Temp Initial	Outlet Temp Final	Serial Number	Coefficient	Amb Temp Initial	Amb Temp Final	Actual Vacuum
(Θ)	(P_m)	(V_{mi})	(V_{mf})	(t_{mi})	(t_{mf})		K'	(t_{amb})	(t_{amb})	
min	in H_2O	cubic feet	cubic feet	^{o}F	^{o}F		see above2	^{o}F	^{o}F	in Hg
14	0.80	574.665	581.600	89	92	48	0.3740	88	88	21
15	0.80	581.600	589.023	92	95	48	0.3740	88	88	21
14	0.80	589.023	595.938	95	96	48	0.3740	88	88	21

Results

Standardized Data				Dry Gas Meter				
				Calibration Factor		Flowrate	ΔH @	
Dry Gas Meter		Critical Orifice		Value	Variation	Std & Corr	0.75 SCFM	Variation
($V_{m(std)}$)	($Q_{m(std)}$)	($Vcr_{(std)}$)	($Q_{cr(std)}$)	(Y)	(ΔY)	($Q_{m(std)(corr)}$)	(ΔH@)	(ΔΔH@)
cubic feet	cfm	cubic feet	cfm		Note 1	cfm	in H2O	
6.729	0.481	6.757	0.483	1.004	-0.006	0.483	1.880	0.009
7.164	0.478	7.240	0.483	1.011	0.000	0.483	1.869	-0.001
6.649	0.475	6.757	0.483	1.016	0.006	0.483	1.863	-0.008
				1.010	Y Average (Note 2)		1.870	ΔH@ Average

Yc Calibration

Elasped Time (> 10 min)	15	DGM Beginning	597.194	DGM End	608.825	Outlet Meter Temp Beginning	96	Outlet Meter Temp End	102	Yc	0.991

Note 1: For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +-0.02.

Note 2: For Calibration Factor Y, the resulting average difference shall not more than + or - 5% of the Pre-test Y value.

I certify that the above Dry Gas Meter was calibrated in accordance with USEPA Methods, CFR 40 Part 60, using the Precision Wet Test Meter # 11AE6, which in turn was calibrated using the American Bell Prover # 3785, certificate # F107, which is traceable to the National Bureau of Standards (N.I.S.T.) and in accordance with AASI Shop SOP 3.3.B.

Technician Sign: Michael Hinkel Date: 6/20/2016 Q A Signature: Daniel Ockenhouse Date: 6/27/2016

Ambient Air Services, Inc.

106 Ambient Airway

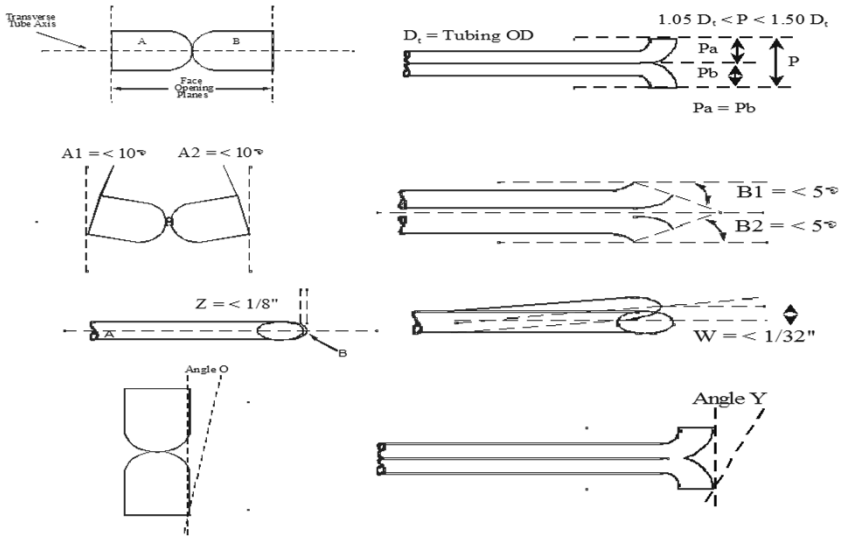
Starke, Florida 32091

PITOT TUBE POST TEST CALIBRATION FORM

Pitot ID	G4-3			
Technician	MEH			
Project	NSGB			
Date:	6/20/2016			
Pitot Assembly Level	Yes	X	No	
Pitot tube opening damaged or out-of-round	Yes		No	X
If damage is noted, comment below				

Pitot Measurements

Pitot tube outside diameter				**D_t**	0.375				
a1	0			**a2**	0				
b1	0			**b2**	1				
Pa	0.463			**Pb**	0.463				
P	0.925		Max	1.125		Min	0.7875		
Angle Y	0	Degrees	sin	0.000	**Angle O**	0	Degrees	sin	0.000
z = P sin Y	0.000	Inches		w = P sin O	0.000	Inches			
z = < 1/8 Inch				w = < 1/32 inch					



I certify that the measurements contained within this form was conducted correctly and within the guidelines of EPA Method 2.

Technician Signature:	Mike Hinkel	Date:	6/20/2016
Quality Assurance Signature:	Daniel Ockenhouse	Date:	6/27/2016

Pitot Calibration Template
Rev 4, 07/10/15

Ambient Air Services, Inc.

106 Ambient Airway
Starke, Florida 32091

Alternative (EMC ALT-011) Method 2 Thermocouple Calibration

Date	6/20/2016	Reference Thermometer	Type:	m spirits in Glass	Manufacturer:	BCR	
Time	10:45		Serial number	208252			
Project	NSGB	Pyrometer	Manufacturer	Model	Serial number		
Technician	MEH		Jenco	768	JC23838		

Thermocouple ID	Location	Indicated Temperature			Reference Temperature			Difference (must be ± 2°)			Continuity (Pass / Fail)		
TC G4-3	Stack		78.0			79			1			Pass	
TC DHB 1	Filter		92.0			90			2			Pass	
TC S-1	Impinger		79.0			79			0			Pass	
TC MB 4-1	Meter In		79.0			79			0			Pass	
TC MB 4-2	Meter Out		78.0			79			1			Pass	
TC Trap 1	Trap		79.0			79			0			Pass	

Comments:

Filter TC was calibrated 6/15/16 at 14:15

Technician Signature: Michael Hinkel Date: 6/20/2016

Quality Assurance signature: Daniel Ockenhouse QA date: 6/27/2016

Thermocouple (EMC ALT-011) Calibration
Template
rev 1, 07/10/15

APPENDIX F

HYDROGEN CHLORIDE EMISSIONS DATA

Example Calculations

Emissions Input Summary

Run Data Printouts

30B Console Number Pre-Test Calibration

30B Console Number Post-Test Audit

Ambient Air Services, Inc.
Environmental Consultants
106 Ambient Airway Starke, Florida 32091 (904) 964-8440

Example Calculations, HCl Test Run 1

Facility	**Naval Station Guantanamo Bay**	**Source**	**Air Curtain Incinerator D-1**
Location	**Guantanamo Bay, Cuba**	**Date**	**April 18, 2016**

Hydrogen Chloride Emission Rate, grams per Second, Em_{HCl}

$$(M_{HCl}) / K_2 \ / V_{m(std)} \times K_1 \times Q_{d(std)} / 60$$

Example.	M_{HCl}	=	504	Em_{HCl}	=	**0.26**	**grams/second**
	K_1	=	28.3				
	K_2	=	1.00E+06				
	$V_{m(std)}$	=	109.08				
	$Q_{d(std)}$	=	120848				

Constants

K_1	**=**	**28.3 liter / ft3**	**K_2**	**=**	**1.00E+06 micrograms/gram**

Variables

Em_{HCl}	**=**	**Hydrogen Chloride Mass Emission Rate, grams/second**	**$Q_{d(std)}$**	**=**	**Stack Gas Flow Rate, SCFMD**
M_{HCl}	**=**	**Hydrogen Chloride Recovery Mass (micrograms)**	**$V_{m(std)}$**	**=**	**Gas Volume Sampled, STPD, liters**

HCl Emissions Data Inputs Summary

Run	Sample Volume (ft^3)	Recovery Mass (micrograms)	Volumetric Flow Rate (ft^3/min)
D1	3.85	504	120848
D2	3.81	316	98551
D3	3.86	190	100527
D4	3.85	92	137491
D5	3.94	279	73023
N1	3.85	545	104782
N2	3.88	320	89404
N3	3.84	215	72499
N4	3.82	201	77662
N5	3.83	121	91877

Configuration File: Cuba HCL 041816 Day Run 1.pro
File Exported: 4/29/2016 8:32:15 PM (PC Time).
Company Name: Cuba HCL

Sample A: PRE-Leak Test PASSED at Maximum vacuum

' Pre_Leak Test Side B Not tested

Run D1

Trap ID-A: N/A
Trap ID-B: N/AA

Test Duration (Planned): 0d 4h 0m
Test Duration (Actual) : 0d 4h 32m
Averaging Period : 1 min.

		Stack F	DGM-A F	Console F	MAS-A LPM	VAC-A in-Hg	DGM-A (L) Corr-Vol	Baro in-Hg	STD Vol_A
AVERAGES AND TEST SUMMARIES		**91.8**	**109.1**	**117.1**	**0.497**	**0.4**	**117**	**30.04**	**109.081**
4/18/2016	9:57:32 :	89	99	107	0	0	0	30.05	0
4/18/2016	9:58:31 :	88	99	107	0.532	0.3	0.539	30.05	0.511
4/18/2016	9:59:31 :	87	99	107	0.501	0.3	0.986	30.04	0.935
4/18/2016	10:00:31 :	88	99	107	0.5	0.3	1.458	30.04	1.382
4/18/2016	10:01:31 :	89	99	107	0.501	0.3	1.904	30.05	1.806
4/18/2016	10:02:31 :	89	99	107	0.5	0.3	2.334	30.04	2.214
4/18/2016	10:03:31 :	89	99	107	0.501	0.3	2.854	30.04	2.706
4/18/2016	10:04:31 :	89	99	108	0.501	0.3	3.38	30.04	3.205
4/18/2016	10:05:31 :	89	100	108	0.5	0.3	3.834	30.04	3.634
4/18/2016	10:06:31 :	88	101	108	0.501	0.3	4.289	30.04	4.064
4/18/2016	10:07:31 :	88	101	109	0.501	0.3	4.761	30.04	4.51
4/18/2016	10:08:31 :	89	101	109	0.5	0.3	5.203	30.04	4.929
4/18/2016	10:09:31 :	89	101	109	0.501	0.3	5.711	30.04	5.409
4/18/2016	10:10:31 :	88	101	109	0.5	0.3	6.253	30.04	5.921
4/18/2016	10:11:31 :	89	102	109	0.5	0.3	6.713	30.04	6.355
4/18/2016	10:12:31 :	89	102	109	0.5	0.3	7.148	30.04	6.766
4/18/2016	10:13:31 :	90	102	109	0.5	0.3	7.63	30.04	7.22
4/18/2016	10:14:31 :	90	102	110	0.5	0.3	8.086	30.04	7.65
4/18/2016	10:15:31 :	91	102	110	0.5	0.3	8.582	30.04	8.119
4/18/2016	10:16:31 :	90	102	110	0.5	0.3	9.122	30.04	8.628
4/18/2016	10:17:31 :	89	103	110	0.5	0.3	9.582	30.04	9.061
4/18/2016	10:18:31 :	89	103	110	0.499	0.3	9.996	30.03	9.451
4/18/2016	10:19:31 :	89	103	110	0.501	0.3	10.474	30.04	9.901
4/18/2016	10:20:31 :	89	103	111	0.5	0.3	10.963	30.03	10.362
4/18/2016	10:21:31 :	91	103	111	0.5	0.3	11.445	30.03	10.815
4/18/2016	10:22:31 :	90	103	111	0.499	0.3	11.962	30.04	11.303
4/18/2016	10:23:31 :	91	103	111	0.5	0.3	12.436	30.04	11.749
4/18/2016	10:24:31 :	91	104	111	0.5	0.3	12.85	30.04	12.138
4/18/2016	10:25:31 :	90	104	111	0.5	0.3	13.306	30.05	12.567
4/18/2016	10:26:31 :	89	104	111	0.5	0.3	13.825	30.04	13.055
4/18/2016	10:27:31 :	89	104	112	0.5	0.3	14.32	30.05	13.52
4/18/2016	10:28:31 :	89	104	112	0.5	0.3	14.811	30.05	13.981
4/18/2016	10:29:31 :	89	104	112	0.5	0.3	15.291	30.04	14.433
4/18/2016	10:30:31 :	89	104	112	0.5	0.3	15.719	30.04	14.835
4/18/2016	10:31:31 :	89	105	112	0.5	0.3	16.172	30.05	15.26
4/18/2016	10:32:31 :	88	105	112	0.5	0.3	16.699	30.04	15.755
4/18/2016	10:33:31 :	88	105	112	0.5	0.3	17.194	30.04	16.219
4/18/2016	10:34:31 :	88	105	112	0.5	0.3	17.666	30.05	16.662
4/18/2016	10:35:31 :	88	105	112	0.5	0.3	18.148	30.04	17.115
4/18/2016	10:36:31 :	89	105	112	0.5	0.3	18.592	30.04	17.532
4/18/2016	10:37:31 :	91	105	112	0.5	0.3	19.027	30.04	17.94
4/18/2016	10:38:31 :	91	105	112	0.5	0.3	19.555	30.04	18.435

4/18/2016	10:39:31	:	91	105	113	0.499	0.3	20.081	30.04	18.928
4/18/2016	10:40:31	:	91	105	113	0.5	0.3	20.534	30.04	19.353
4/18/2016	10:41:31	:	91	105	113	0.5	0.3	20.99	30.04	19.781
4/18/2016	10:42:31	:	92	106	113	0.5	0.3	21.464	30.04	20.225
4/18/2016	10:43:31	:	90	106	113	0.5	0.3	21.914	30.04	20.647
4/18/2016	10:44:31	:	90	106	113	0.5	0.3	22.42	30.04	21.121
4/18/2016	10:45:31	:	91	106	113	0.5	0.3	22.967	30.05	21.634
4/18/2016	10:46:31	:	90	106	113	0.5	0.3	23.428	30.05	22.066
4/18/2016	10:47:31	:	91	106	113	0.5	0.3	23.867	30.04	22.476
4/18/2016	10:48:31	:	91	106	114	0.5	0.3	24.35	30.04	22.929
4/18/2016	10:49:31	:	89	106	114	0.5	0.3	24.815	30.05	23.364
4/18/2016	10:50:31	:	91	106	114	0.499	0.3	25.307	30.05	23.825
4/18/2016	10:51:31	:	92	106	114	0.5	0.3	25.844	30.04	24.328
4/18/2016	10:52:31	:	93	107	114	0.5	0.3	26.312	30.04	24.766
4/18/2016	10:53:31	:	92	107	115	0.5	0.3	26.73	30.05	25.157
4/18/2016	10:54:31	:	91	107	115	0.5	0.3	27.202	30.05	25.598
4/18/2016	10:55:31	:	91	107	115	0.5	0.3	27.709	30.05	26.072
4/18/2016	10:56:31	:	91	107	115	0.5	0.3	28.2	30.04	26.531
4/18/2016	10:57:31	:	91	107	115	0.5	0.3	28.705	30.05	27.003
4/18/2016	10:58:31	:	91	107	115	0.5	0.3	29.191	30.05	27.458
4/18/2016	10:59:31	:	92	107	115	0.5	0.3	29.628	30.05	27.867
4/18/2016	11:00:31	:	91	107	115	0.5	0.3	30.079	30.04	28.288
4/18/2016	11:01:31	:	91	107	115	0.5	0.3	30.613	30.05	28.787
4/18/2016	11:02:31	:	91	108	116	0.5	0.3	31.108	30.05	29.249
4/18/2016	11:03:31	:	91	108	116	0.5	0.3	31.584	30.04	29.694
4/18/2016	11:04:31	:	91	108	116	0.5	0.3	32.069	30.04	30.146
4/18/2016	11:05:31	:	92	108	116	0.5	0.3	32.517	30.04	30.565
4/18/2016	11:06:31	:	93	108	116	0.5	0.3	32.954	30.05	30.973
4/18/2016	11:07:31	:	92	108	116	0.5	0.3	33.482	30.04	31.466
4/18/2016	11:08:31	:	93	108	116	0.5	0.3	34.014	30.04	31.962
4/18/2016	11:09:31	:	95	108	116	0.5	0.3	34.472	30.04	32.389
4/18/2016	11:10:31	:	95	108	117	0.5	0.3	34.925	30.05	32.812
4/18/2016	11:11:31	:	93	108	117	0.5	0.3	35.404	30.05	33.259
4/18/2016	11:12:31	:	91	109	117	0.5	0.3	35.866	30.05	33.69
4/18/2016	11:13:31	:	88	109	117	0.5	0.3	36.366	30.05	34.156
4/18/2016	11:14:31	:	89	109	117	0.5	0.3	36.912	30.05	34.665
4/18/2016	11:15:31	:	88	109	117	0.5	0.3	37.358	30.04	35.08
4/18/2016	11:16:31	:	89	109	117	0.5	0.3	37.796	30.05	35.488
4/18/2016	11:17:31	:	89	109	117	0.5	0.3	38.275	30.05	35.934
4/18/2016	11:18:31	:	89	109	117	0.5	0.3	38.741	30.04	36.368
4/18/2016	11:19:31	:	89	109	117	0.5	0.3	39.232	30.04	36.826
4/18/2016	11:20:31	:	89	109	117	0.5	0.3	39.769	30.04	37.326
4/18/2016	11:21:31	:	88	109	117	0.5	0.3	40.239	30.04	37.763
4/18/2016	11:22:31	:	87	109	117	0.5	0.3	40.659	30.04	38.154
4/18/2016	11:23:31	:	87	109	117	0.5	0.3	41.129	30.04	38.592
4/18/2016	11:24:31	:	88	109	117	0.5	0.3	41.638	30.04	39.065
4/18/2016	11:26:22	:	86	109	115	0.223	0.3	42.274	30	39.657
4/18/2016	11:27:22	:	85	109	116	0.5	0.4	42.747	30.07	40.098
4/18/2016	11:28:22	:	85	109	116	0.5	0.4	43.235	30.07	40.553
4/18/2016	11:29:22	:	85	109	116	0.5	0.4	43.703	30.06	40.989
4/18/2016	11:30:22	:	85	109	116	0.5	0.4	44.158	30.06	41.413
4/18/2016	11:30:37	:User Paus	85	109	116	0.5	0.4	44.312	30.07	41.556
4/18/2016	12:02:49	:Resumed	89	108	113	0	0	44.314	30.07	41.558
4/18/2016	12:03:48	:	88	108	113	0.49	0.4	44.8	30.07	42.013
4/18/2016	12:04:48	:	88	107	113	0.5	0.4	45.345	30.07	42.523
4/18/2016	12:05:48	:	88	107	113	0.5	0.4	45.821	30.07	42.969
4/18/2016	12:06:48	:	88	107	113	0.5	0.4	46.256	30.07	43.376
4/18/2016	12:07:48	:	88	107	113	0.5	0.4	46.721	30.07	43.811
4/18/2016	12:08:48	:	89	107	113	0.5	0.4	47.258	30.07	44.314
4/18/2016	12:09:48	:	89	107	113	0.499	0.4	47.778	30.07	44.8
4/18/2016	12:10:48	:	89	107	113	0.5	0.4	48.273	30.07	45.264

4/18/2016	12:11:48 :	88	107	113	0.5	0.4	48.766	30.07	45.725
4/18/2016	12:12:48 :	88	107	113	0.499	0.4	49.222	30.07	46.153
4/18/2016	12:13:48 :	89	107	114	0.503	0.4	49.671	30.06	46.572
4/18/2016	12:14:48 :	89	107	114	0.5	0.4	50.204	30.06	47.071
4/18/2016	12:15:48 :	88	107	114	0.507	0.4	50.767	30.06	47.597
4/18/2016	12:16:48 :	88	107	114	0.5	0.4	51.243	30.06	48.042
4/18/2016	12:17:48 :	89	107	114	0.5	0.4	51.693	30.06	48.463
4/18/2016	12:18:48 :	91	107	114	0.5	0.4	52.189	30.06	48.926
4/18/2016	12:19:48 :	89	107	114	0.5	0.4	52.672	30.07	49.378
4/18/2016	12:20:48 :	89	107	114	0.5	0.4	53.173	30.06	49.847
4/18/2016	12:21:48 :	90	107	115	0.5	0.4	53.714	30.06	50.352
4/18/2016	12:22:48 :	90	107	115	0.5	0.4	54.201	30.06	50.809
4/18/2016	12:23:48 :	89	107	115	0.5	0.4	54.636	30.07	51.215
4/18/2016	12:24:48 :	89	107	115	0.5	0.4	55.11	30.07	51.658
4/18/2016	12:25:48 :	88	107	115	0.5	0.4	55.653	30.06	52.166
4/18/2016	12:26:48 :	88	107	115	0.5	0.4	56.164	30.06	52.644
4/18/2016	12:27:48 :	88	107	115	0.5	0.4	56.651	30.07	53.099
4/18/2016	12:28:48 :	88	107	115	0.5	0.4	57.14	30.06	53.557
4/18/2016	12:29:48 :	88	108	115	0.5	0.4	57.604	30.06	53.99
4/18/2016	12:30:48 :	88	108	115	0.5	0.4	58.056	30.06	54.413
4/18/2016	12:31:48 :	88	108	115	0.5	0.4	58.574	30.06	54.897
4/18/2016	12:32:48 :	88	108	115	0.5	0.4	59.137	30.06	55.423
4/18/2016	12:33:48 :	88	108	115	0.5	0.4	59.615	30.06	55.869
4/18/2016	12:34:48 :	88	108	115	0.5	0.4	60.062	30.06	56.287
4/18/2016	12:35:48 :	88	108	115	0.5	0.4	60.553	30.06	56.745
4/18/2016	12:36:48 :	88	108	115	0.5	0.4	61.048	30.06	57.207
4/18/2016	12:37:48 :	89	108	115	0.5	0.4	61.543	30.05	57.67
4/18/2016	12:38:48 :	89	108	115	0.5	0.4	62.077	30.05	58.168
4/18/2016	12:39:48 :	89	108	115	0.5	0.4	62.567	30.05	58.627
4/18/2016	12:40:48 :	89	108	115	0.5	0.4	63.01	30.05	59.04
4/18/2016	12:41:48 :	88	108	115	0.5	0.4	63.482	30.06	59.481
4/18/2016	12:42:48 :	89	108	115	0.5	0.4	64.027	30.06	59.99
4/18/2016	12:43:48 :	89	108	115	0.5	0.4	64.539	30.06	60.468
4/18/2016	12:44:48 :	89	108	115	0.5	0.4	65.021	30.06	60.919
4/18/2016	12:45:48 :	88	108	115	0.5	0.4	65.504	30.06	61.37
4/18/2016	12:46:48 :	89	108	115	0.5	0.4	65.973	30.05	61.808
4/18/2016	12:47:48 :	90	108	115	0.5	0.4	66.432	30.05	62.237
4/18/2016	12:48:48 :	90	108	115	0.5	0.4	66.956	30.05	62.726
4/18/2016	12:49:48 :	89	108	115	0.5	0.4	67.52	30.05	63.253
4/18/2016	12:50:48 :	89	108	116	0.5	0.4	67.987	30.05	63.689
4/18/2016	12:51:48 :	90	108	116	0.5	0.4	68.43	30.05	64.102
4/18/2016	12:52:48 :	89	108	116	0.5	0.4	68.923	30.05	64.563
4/18/2016	12:53:48 :	89	108	116	0.5	0.4	69.424	30.05	65.031
4/18/2016	12:54:48 :	89	108	116	0.5	0.4	69.923	30.05	65.497
4/18/2016	12:55:48 :	89	108	116	0.5	0.4	70.448	30.05	65.987
4/18/2016	12:56:48 :	90	108	116	0.5	0.4	70.946	30.04	66.452
4/18/2016	12:57:48 :	91	108	116	0.5	0.4	71.393	30.04	66.869
4/18/2016	12:58:48 :	91	108	116	0.5	0.4	71.857	30.04	67.302
4/18/2016	12:59:48 :	89	108	116	0.5	0.4	72.401	30.05	67.809
4/18/2016	13:00:48 :	89	108	116	0.5	0.4	72.931	30.05	68.304
4/18/2016	13:01:48 :	91	108	116	0.5	0.4	73.397	30.05	68.738
4/18/2016	13:02:48 :	92	108	116	0.5	0.4	73.874	30.05	69.183
4/18/2016	13:03:48 :	93	108	116	0.5	0.4	74.356	30.04	69.633
4/18/2016	13:04:48 :	93	108	117	0.5	0.4	74.821	30.05	70.067
4/18/2016	13:05:48 :	96	109	117	0.5	0.4	75.343	30.05	70.554
4/18/2016	13:06:48 :	95	109	117	0.5	0.4	75.912	30.04	71.084
4/18/2016	13:07:48 :	94	109	117	0.5	0.4	76.374	30.05	71.515
4/18/2016	13:08:48 :	94	109	117	0.5	0.4	76.811	30.05	71.922
4/18/2016	13:09:48 :	93	109	118	0.5	0.4	77.3	30.05	72.377
4/18/2016	13:10:48 :	92	109	118	0.5	0.4	77.813	30.05	72.856
4/18/2016	13:11:48 :	92	109	118	0.5	0.4	78.327	30.05	73.334

4/18/2016	13:12:48 :	91	109	118	0.502	0.4	78.847	30.05	73.818
4/18/2016	13:13:48 :	92	109	118	0.5	0.4	79.348	30.04	74.285
4/18/2016	13:14:48 :	93	109	118	0.5	0.4	79.788	30.05	74.695
4/18/2016	13:15:48 :	94	109	118	0.5	0.4	80.251	30.05	75.126
4/18/2016	13:16:48 :	96	109	118	0.5	0.4	80.788	30.04	75.626
4/18/2016	13:17:48 :	97	110	118	0.5	0.4	81.33	30.04	76.131
4/18/2016	13:18:48 :	98	110	119	0.499	0.4	81.798	30.05	76.566
4/18/2016	13:19:48 :	99	110	119	0.5	0.4	82.26	30.04	76.995
4/18/2016	13:20:48 :	98	110	119	0.5	0.4	82.759	30.04	77.46
4/18/2016	13:21:48 :	95	110	119	0.5	0.4	83.233	30.05	77.9
4/18/2016	13:22:48 :	97	110	119	0.5	0.4	83.75	30.04	78.382
4/18/2016	13:23:48 :	97	110	119	0.5	0.4	84.301	30.04	78.894
4/18/2016	13:24:48 :	96	110	120	0.5	0.4	84.777	30.05	79.336
4/18/2016	13:25:48 :	97	110	120	0.496	0.4	85.204	30.04	79.733
4/18/2016	13:26:48 :	98	111	120	0.5	0.4	85.682	30.04	80.177
4/18/2016	13:27:48 :	96	111	120	0.5	0.4	86.212	30.04	80.669
4/18/2016	13:28:48 :	96	111	121	0.509	0.4	86.747	30.04	81.166
4/18/2016	13:29:48 :	95	111	121	0.501	0.4	87.248	30.04	81.631
4/18/2016	13:30:48 :	94	111	121	0.5	0.4	87.745	30.04	82.092
4/18/2016	13:31:48 :	93	111	121	0.5	0.4	88.201	30.04	82.515
4/18/2016	13:32:48 :	93	111	121	0.5	0.4	88.65	30.04	82.932
4/18/2016	13:33:48 :	94	112	121	0.5	0.4	89.181	30.04	83.424
4/18/2016	13:34:48 :	93	112	122	0.5	0.4	89.736	30.04	83.938
4/18/2016	13:35:48 :	94	112	122	0.5	0.4	90.218	30.04	84.385
4/18/2016	13:36:48 :	95	112	122	0.5	0.4	90.67	30.04	84.804
4/18/2016	13:37:48 :	95	112	122	0.5	0.4	91.165	30.04	85.262
4/18/2016	13:38:48 :	97	112	122	0.499	0.4	91.653	30.03	85.714
4/18/2016	13:39:48 :	97	112	122	0.5	0.4	92.15	30.03	86.174
4/18/2016	13:40:48 :	95	112	122	0.5	0.4	92.695	30.04	86.678
4/18/2016	13:41:48 :	94	113	122	0.5	0.4	93.178	30.03	87.126
4/18/2016	13:42:48 :	94	113	122	0.5	0.4	93.621	30.03	87.535
4/18/2016	13:43:48 :	96	113	122	0.5	0.4	94.092	30.03	87.971
4/18/2016	13:44:48 :	97	113	122	0.5	0.4	94.644	30.03	88.481
4/18/2016	13:45:48 :	97	113	123	0.5	0.4	95.156	30.03	88.955
4/18/2016	13:46:48 :	97	113	123	0.501	0.4	95.641	30.03	89.403
4/18/2016	13:47:48 :	97	113	123	0.5	0.4	96.129	30.03	89.853
4/18/2016	13:48:48 :	96	113	123	0.5	0.4	96.601	30.03	90.289
4/18/2016	13:49:48 :	97	113	123	0.5	0.4	97.058	30.02	90.712
4/18/2016	13:50:48 :	98	114	123	0.5	0.4	97.582	30.03	91.196
4/18/2016	13:51:48 :	96	114	123	0.5	0.4	98.156	30.03	91.726
4/18/2016	13:52:48 :	94	114	123	0.5	0.4	98.621	30.03	92.155
4/18/2016	13:53:48 :	96	114	123	0.5	0.4	99.069	30.03	92.568
4/18/2016	13:54:48 :	95	114	123	0.5	0.4	99.56	30.03	93.021
4/18/2016	13:55:48 :	94	114	123	0.5	0.4	100.067	30.03	93.489
4/18/2016	13:56:48 :	93	114	123	0.5	0.4	100.574	30.02	93.957
4/18/2016	13:57:48 :	93	114	123	0.5	0.4	101.092	30.02	94.434
4/18/2016	13:58:48 :	96	114	123	0.499	0.4	101.597	30.03	94.9
4/18/2016	13:59:48 :	97	114	124	0.501	0.4	102.046	30.03	95.315
4/18/2016	14:00:48 :	95	114	124	0.499	0.4	102.511	30.03	95.744
4/18/2016	14:01:48 :	94	114	124	0.5	0.4	103.048	30.03	96.239
4/18/2016	14:02:48 :	94	115	124	0.501	0.4	103.59	30.03	96.738
4/18/2016	14:03:48 :	93	115	124	0.5	0.4	104.06	30.03	97.171
4/18/2016	14:04:48 :	93	115	124	0.501	0.4	104.528	30.03	97.602
4/18/2016	14:05:48 :	93	115	124	0.499	0.4	105.023	30.02	98.058
4/18/2016	14:06:48 :	94	115	124	0.501	0.4	105.504	30.03	98.501
4/18/2016	14:07:48 :	94	115	124	0.5	0.4	106.02	30.03	98.978
4/18/2016	14:08:48 :	93	115	124	0.5	0.4	106.575	30.03	99.489
4/18/2016	14:09:48 :	93	115	124	0.5	0.4	107.054	30.03	99.93
4/18/2016	14:10:48 :	93	116	124	0.499	0.4	107.486	30.02	100.328
4/18/2016	14:11:48 :	93	116	124	0.5	0.4	107.965	30.02	100.768
4/18/2016	14:12:48 :	92	116	124	0.497	0.4	108.495	30.02	101.256

4/18/2016	14:13:48 :	92	116	124	0.499	0.4	109.021	30.03	101.74
4/18/2016	14:14:48 :	92	116	124	0.499	0.4	109.52	30.03	102.2
4/18/2016	14:15:48 :	92	116	124	0.5	0.4	110.019	30.03	102.659
4/18/2016	14:16:48 :	93	116	125	0.499	0.4	110.477	30.03	103.08
4/18/2016	14:17:48 :	93	116	124	0.5	0.4	110.927	30.02	103.495
4/18/2016	14:18:48 :	93	116	125	0.5	0.4	111.459	30.02	103.985
4/18/2016	14:19:48 :	94	116	124	0.5	0.4	112.017	30.02	104.499
4/18/2016	14:20:48 :	94	116	125	0.501	0.4	112.501	30.01	104.944
4/18/2016	14:21:48 :	94	116	125	0.499	0.4	112.956	30.01	105.362
4/18/2016	14:22:48 :	94	116	125	0.5	0.4	113.453	30.01	105.82
4/18/2016	14:23:48 :	93	116	125	0.5	0.4	113.944	30.01	106.271
4/18/2016	14:24:48 :	94	116	125	0.499	0.4	114.445	30.02	106.731
4/18/2016	14:25:48 :	94	116	125	0.5	0.4	114.98	30.02	107.223
4/18/2016	14:26:48 :	94	116	125	0.501	0.4	115.48	30.02	107.684
4/18/2016	14:27:48 :	94	116	125	0.5	0.4	115.931	30.01	108.098
4/18/2016	14:28:48 :	94	116	125	0.5	0.4	116.403	30.01	108.532
4/18/2016	14:29:48 :	94	116	125	0.5	0.4	116.944	30.01	109.029
4/18/2016	14:29:57 :	94	116	125	0.5	0.4	117	30.01	109.081

'

'------------------------- LOGGED EVENTS ---------------------------------
04/18/16 09:57:32: Test START
04/18/16 11:25:23: Return from power failure
04/18/16 11:30:37: Test Paused by User
04/18/16 11:30:37: PAUSE_EVENT [Manual Pause]
04/18/16 12:02:49: TestResumed
04/18/16 14:29:57: Actual Sampling Time: 0d 4h 0m 0s
04/18/16 14:29:57: Test END
Sample A: POST-Leak Test PASSED with minimal vacuum of 5 inHg
' NOTE: Post_Leak Test Side B Not tested
' *ALARMS LEGEND
'A - Not Used
'B - Not Used
'C - Not Used
'D - Current Loop failure for External FLOW Input
'E - Current Loop failure for External MOISTURE Input
'F - Modbus inactivity timeout
'G - Unable to maintain proportional flow for A
'H - Unable to maintain proportional flow for B
'I - High Vac-A
'J - High Vac-B
'K - Not Used
'L - Trap Temperature Out of Range
'M - Probe Temperature Out of Range
'N - Chiller Temperature Out of Range
'O - Sample Line Temperature Out of Range
'P - Console Returned from power failure
'------------------------- END OF ALARM LEDGENDS ----------------------------

'---------------------------- CONSOLE INFO ---------------------------------
' Console Name: 3210 - Ambient Air Services
' Console ID: XC30B-3210
' DAC Board ID: 3332-3130-202D-2041
'Dry Gas Meter-A ID/Gamma: 1901990 / 1.0018
'Dry Gas Meter-B ID/Gamma: 1902001 / 0.9959
' DGM cm3/Pulse: 1.93

' RTC ROM ID: 738D-014B-0000-008D
'------ SOFTWARE AND FIRMWARE VERSIONS USED FOR THIS DATA EXPORT -----------
' Software-Firmware Ver: 0320e-116
'

Configuration File: Cuba HCL 041916 Day Run 2.pro
File Exported: 4/29/2016 8:32:21 PM (PC Time).
Company Name: Cuba HCL

Sample A: PRE-Leak Test PASSED at Maximum vacuum

' Pre_Leak Test Side B Not tested

Run D2

Trap ID-A: DAY 2
Trap ID-B: NA

Test Duration (Planned): 0d 4h 0m
Test Duration (Actual) : 0d 4h 0m
Averaging Period : 1 min.

		Stack F	DGM-A F	Console F	MAS-A LPM	VAC-A in-Hg	DGM-A (L) Corr-Vol	Baro in-Hg	STD Vol_A
AVERAGES AND TEST SUMMARIES		**99.4**	**114.7**	**121.4**	**0.5**	**0.5**	**117.129**	**29.97**	**107.868**
4/19/2016	11:47:33 :	93	110	116	2.236	2.2	0.006	30.01	0.006
4/19/2016	11:48:32 :	94	110	116	0.554	0.5	0.559	30	0.519
4/19/2016	11:49:32 :	98	110	116	0.501	0.4	1.052	30	0.976
4/19/2016	11:50:32 :	102	110	116	0.501	0.4	1.493	30	1.386
4/19/2016	11:51:32 :	100	110	116	0.501	0.4	1.955	30	1.814
4/19/2016	11:52:32 :	97	110	116	0.501	0.4	2.494	30	2.316
4/19/2016	11:53:32 :	98	110	116	0.5	0.4	3	30.01	2.785
4/19/2016	11:54:32 :	99	110	116	0.501	0.4	3.474	30.01	3.225
4/19/2016	11:55:32 :	96	110	117	0.5	0.4	3.956	30.01	3.673
4/19/2016	11:56:32 :	92	110	117	0.5	0.4	4.416	30.01	4.1
4/19/2016	11:57:32 :	92	111	117	0.5	0.4	4.863	30.01	4.514
4/19/2016	11:58:32 :	97	111	117	0.5	0.4	5.385	30.01	4.998
4/19/2016	11:59:32 :	100	111	117	0.501	0.5	5.936	30.01	5.509
4/19/2016	12:00:32 :	100	111	117	0.5	0.4	6.406	30.02	5.945
4/19/2016	12:01:32 :	99	111	117	0.5	0.4	6.85	30.01	6.358
4/19/2016	12:02:32 :	103	111	117	0.5	0.4	7.341	30.01	6.813
4/19/2016	12:03:32 :	103	111	117	0.5	0.4	7.807	30.01	7.245
4/19/2016	12:04:32 :	103	111	118	0.5	0.4	8.312	30.01	7.714
4/19/2016	12:05:32 :	102	111	118	0.5	0.4	8.855	30.01	8.218
4/19/2016	12:06:32 :	104	111	118	0.5	0.4	9.329	30.01	8.657
4/19/2016	12:07:32 :	104	111	118	0.5	0.4	9.751	30.01	9.048
4/19/2016	12:08:32 :	102	111	118	0.5	0.4	10.22	30.01	9.484
4/19/2016	12:09:32 :	104	111	118	0.5	0.4	10.742	30.01	9.968
4/19/2016	12:10:32 :	106	111	119	0.5	0.4	11.262	30.01	10.45
4/19/2016	12:11:32 :	102	111	119	0.5	0.5	11.757	30.01	10.908
4/19/2016	12:12:32 :	104	111	119	0.5	0.5	12.252	30.01	11.367
4/19/2016	12:13:32 :	104	111	119	0.5	0.5	12.682	30.01	11.765
4/19/2016	12:14:32 :	104	112	119	0.499	0.5	13.138	30.01	12.188
4/19/2016	12:15:32 :	105	112	120	0.501	0.5	13.676	30.01	12.686
4/19/2016	12:16:32 :	104	112	120	0.5	0.5	14.204	30.01	13.175
4/19/2016	12:17:32 :	106	112	120	0.5	0.5	14.659	30.01	13.597
4/19/2016	12:18:32 :	105	112	120	0.5	0.4	15.131	30.01	14.033
4/19/2016	12:19:32 :	105	112	120	0.5	0.4	15.611	30.02	14.477
4/19/2016	12:20:32 :	106	112	120	0.5	0.4	16.071	30.01	14.903
4/19/2016	12:21:32 :	106	112	121	0.5	0.4	16.586	30.01	15.379
4/19/2016	12:22:32 :	103	113	121	0.5	0.4	17.142	30.01	15.893
4/19/2016	12:23:32 :	99	113	121	0.5	0.4	17.597	30.01	16.313
4/19/2016	12:24:32 :	101	113	121	0.5	0.4	18.035	30.01	16.719
4/19/2016	12:25:32 :	103	113	121	0.5	0.5	18.522	30.01	17.169
4/19/2016	12:26:32 :	104	113	121	0.5	0.5	19.017	30.01	17.626
4/19/2016	12:27:32 :	104	113	122	0.5	0.4	19.507	30.01	18.078
4/19/2016	12:28:32 :	106	113	122	0.5	0.4	20.035	30	18.566

4/19/2016	12:29:32 :	107	113	122	0.5	0.5	20.524	30.01	19.017
4/19/2016	12:30:32 :	106	114	122	0.5	0.5	20.953	30	19.412
4/19/2016	12:31:32 :	106	114	122	0.5	0.5	21.422	30	19.846
4/19/2016	12:32:32 :	105	114	122	0.5	0.5	21.958	30	20.34
4/19/2016	12:33:32 :	105	114	123	0.5	0.5	22.467	30	20.81
4/19/2016	12:34:32 :	105	114	123	0.5	0.5	22.95	30	21.255
4/19/2016	12:35:32 :	105	114	123	0.5	0.5	23.434	30	21.7
4/19/2016	12:36:32 :	106	114	123	0.5	0.5	23.89	30	22.12
4/19/2016	12:37:32 :	107	114	123	0.5	0.5	24.335	30	22.53
4/19/2016	12:38:32 :	106	115	123	0.5	0.5	24.859	30	23.013
4/19/2016	12:39:32 :	105	115	123	0.5	0.5	25.404	30	23.514
4/19/2016	12:40:32 :	106	115	123	0.5	0.5	25.862	30	23.937
4/19/2016	12:41:32 :	105	115	123	0.5	0.5	26.316	29.99	24.354
4/19/2016	12:42:32 :	105	115	123	0.5	0.5	26.807	29.99	24.806
4/19/2016	12:43:32 :	104	116	123	0.5	0.5	27.272	30	25.234
4/19/2016	12:44:32 :	103	116	123	0.5	0.5	27.782	30	25.703
4/19/2016	12:45:32 :	102	116	123	0.5	0.4	28.329	29.99	26.206
4/19/2016	12:46:32 :	104	116	123	0.5	0.4	28.797	29.99	26.636
4/19/2016	12:47:32 :	104	116	123	0.5	0.4	29.218	29.99	27.024
4/19/2016	12:48:32 :	106	116	123	0.501	0.5	29.698	29.99	27.465
4/19/2016	12:49:32 :	103	116	123	0.5	0.5	30.212	29.99	27.937
4/19/2016	12:50:32 :	104	116	123	0.5	0.5	30.719	29.99	28.403
4/19/2016	12:51:32 :	103	116	124	0.5	0.4	31.226	29.99	28.868
4/19/2016	12:52:32 :	101	116	123	0.5	0.4	31.724	29.99	29.326
4/19/2016	12:53:32 :	100	116	123	0.5	0.4	32.156	29.99	29.723
4/19/2016	12:54:32 :	100	116	123	0.5	0.4	32.618	29.99	30.147
4/19/2016	12:55:32 :	104	116	123	0.5	0.4	33.152	29.99	30.637
4/19/2016	12:56:32 :	103	116	123	0.5	0.4	33.678	29.99	31.12
4/19/2016	12:57:32 :	103	117	123	0.5	0.4	34.135	29.99	31.541
4/19/2016	12:58:32 :	105	117	123	0.5	0.4	34.609	29.99	31.975
4/19/2016	12:59:32 :	105	117	124	0.5	0.4	35.079	29.99	32.407
4/19/2016	13:00:32 :	106	117	124	0.501	0.4	35.537	29.99	32.827
4/19/2016	13:01:32 :	106	117	124	0.5	0.5	36.052	29.99	33.299
4/19/2016	13:02:32 :	106	117	124	0.5	0.4	36.611	29.99	33.812
4/19/2016	13:03:32 :	106	117	124	0.5	0.4	37.069	29.98	34.233
4/19/2016	13:04:32 :	106	117	124	0.5	0.4	37.513	29.98	34.641
4/19/2016	13:05:32 :	105	117	124	0.5	0.5	38	29.98	35.087
4/19/2016	13:06:32 :	104	117	124	0.5	0.5	38.49	29.98	35.536
4/19/2016	13:07:32 :	107	117	124	0.501	0.5	38.979	29.99	35.984
4/19/2016	13:08:32 :	108	117	125	0.501	0.5	39.512	29.98	36.473
4/19/2016	13:09:32 :	107	117	125	0.5	0.5	39.996	29.98	36.917
4/19/2016	13:10:32 :	107	117	125	0.5	0.5	40.429	29.98	37.313
4/19/2016	13:11:32 :	105	117	125	0.5	0.4	40.894	29.98	37.74
4/19/2016	13:12:32 :	106	117	125	0.5	0.4	41.428	29.98	38.23
4/19/2016	13:13:32 :	104	118	125	0.5	0.4	41.939	29.98	38.698
4/19/2016	13:14:32 :	102	118	125	0.5	0.4	42.426	29.98	39.144
4/19/2016	13:15:32 :	101	118	125	0.501	0.4	42.915	29.98	39.592
4/19/2016	13:16:32 :	102	118	125	0.5	0.4	43.366	29.98	40.005
4/19/2016	13:17:32 :	101	118	125	0.501	0.4	43.813	29.98	40.414
4/19/2016	13:18:32 :	102	118	125	0.5	0.4	44.341	29.98	40.897
4/19/2016	13:19:32 :	102	118	125	0.5	0.4	44.884	29.98	41.394
4/19/2016	13:20:32 :	102	118	125	0.5	0.4	45.347	29.98	41.818
4/19/2016	13:21:32 :	102	118	125	0.5	0.4	45.8	29.98	42.232
4/19/2016	13:22:32 :	101	118	125	0.5	0.4	46.293	29.98	42.683
4/19/2016	13:23:32 :	99	118	125	0.5	0.4	46.759	29.98	43.11
4/19/2016	13:24:32 :	99	118	125	0.5	0.4	47.27	29.98	43.577
4/19/2016	13:25:32 :	98	118	125	0.5	0.4	47.815	29.98	44.076
4/19/2016	13:26:32 :	97	118	125	0.5	0.4	48.287	29.98	44.507
4/19/2016	13:27:32 :	97	118	125	0.5	0.4	48.709	29.97	44.893
4/19/2016	13:28:32 :	96	118	125	0.5	0.4	49.189	29.97	45.333

4/19/2016	13:29:32 :	97	118	125	0.5	0.4	49.705	29.97	45.805
4/19/2016	13:30:32 :	96	118	125	0.5	0.4	50.21	29.97	46.267
4/19/2016	13:31:32 :	95	118	124	0.5	0.4	50.721	29.97	46.734
4/19/2016	13:32:32 :	95	118	124	0.5	0.4	51.22	29.97	47.191
4/19/2016	13:33:32 :	95	118	124	0.501	0.4	51.659	29.97	47.592
4/19/2016	13:34:32 :	95	118	124	0.5	0.4	52.117	29.97	48.011
4/19/2016	13:35:32 :	95	118	124	0.5	0.4	52.653	29.96	48.501
4/19/2016	13:36:32 :	96	118	123	0.5	0.4	53.183	29.97	48.986
4/19/2016	13:37:32 :	95	118	123	0.5	0.4	53.644	29.96	49.408
4/19/2016	13:38:32 :	97	118	123	0.502	0.4	54.114	29.96	49.838
4/19/2016	13:39:32 :	97	118	123	0.5	0.4	54.595	29.97	50.277
4/19/2016	13:40:32 :	96	118	123	0.501	0.4	55.067	29.96	50.709
4/19/2016	13:41:32 :	95	118	123	0.5	0.4	55.576	29.96	51.175
4/19/2016	13:42:32 :	96	118	123	0.5	0.4	56.133	29.96	51.685
4/19/2016	13:43:32 :	96	118	123	0.5	0.4	56.587	29.96	52.1
4/19/2016	13:44:32 :	96	118	123	0.5	0.4	57.025	29.96	52.502
4/19/2016	13:45:32 :	95	118	122	0.5	0.4	57.513	29.96	52.948
4/19/2016	13:46:32 :	95	117	122	0.5	0.4	58.014	29.96	53.407
4/19/2016	13:47:32 :	95	117	122	0.5	0.4	58.513	29.96	53.864
4/19/2016	13:48:32 :	96	117	122	0.5	0.4	59.029	29.96	54.337
4/19/2016	13:49:32 :	96	117	122	0.5	0.4	59.524	29.96	54.79
4/19/2016	13:50:32 :	95	117	122	0.5	0.4	59.969	29.96	55.198
4/19/2016	13:51:32 :	95	117	122	0.5	0.4	60.431	29.96	55.621
4/19/2016	13:52:32 :	95	117	122	0.5	0.4	60.974	29.96	56.119
4/19/2016	13:53:32 :	95	117	122	0.5	0.4	61.486	29.96	56.589
4/19/2016	13:54:32 :	94	117	121	0.5	0.5	61.956	29.96	57.02
4/19/2016	13:55:32 :	94	117	121	0.5	0.5	62.436	29.96	57.46
4/19/2016	13:56:32 :	94	116	121	0.5	0.5	62.906	29.96	57.891
4/19/2016	13:57:32 :	95	116	121	0.5	0.5	63.356	29.95	58.304
4/19/2016	13:58:32 :	94	116	121	0.501	0.5	63.878	29.96	58.783
4/19/2016	13:59:32 :	94	116	121	0.5	0.5	64.437	29.96	59.296
4/19/2016	14:00:32 :	96	116	120	0.5	0.5	64.903	29.96	59.723
4/19/2016	14:01:32 :	95	116	120	0.5	0.5	65.349	29.96	60.134
4/19/2016	14:02:32 :	93	116	120	0.5	0.5	65.838	29.96	60.583
4/19/2016	14:03:32 :	93	116	120	0.5	0.5	66.33	29.96	61.035
4/19/2016	14:04:32 :	93	116	120	0.5	0.5	66.821	29.96	61.485
4/19/2016	14:05:32 :	94	116	120	0.5	0.5	67.353	29.96	61.974
4/19/2016	14:06:32 :	94	115	120	0.5	0.5	67.84	29.96	62.422
4/19/2016	14:07:32 :	94	115	119	0.501	0.5	68.269	29.95	62.816
4/19/2016	14:08:32 :	96	115	119	0.5	0.5	68.737	29.96	63.246
4/19/2016	14:09:32 :	97	115	119	0.5	0.5	69.274	29.96	63.74
4/19/2016	14:10:32 :	97	115	119	0.5	0.5	69.784	29.95	64.209
4/19/2016	14:11:32 :	96	114	119	0.5	0.5	70.274	29.95	64.66
4/19/2016	14:12:32 :	95	114	119	0.5	0.5	70.761	29.96	65.108
4/19/2016	14:13:32 :	96	114	119	0.5	0.5	71.214	29.96	65.525
4/19/2016	14:14:32 :	95	114	119	0.5	0.5	71.661	29.96	65.936
4/19/2016	14:15:32 :	94	114	119	0.5	0.5	72.188	29.96	66.42
4/19/2016	14:16:32 :	95	114	119	0.5	0.5	72.734	29.95	66.923
4/19/2016	14:17:32 :	96	114	119	0.5	0.5	73.202	29.95	67.354
4/19/2016	14:18:32 :	97	114	119	0.5	0.5	73.657	29.95	67.774
4/19/2016	14:19:32 :	96	114	119	0.5	0.5	74.15	29.95	68.227
4/19/2016	14:20:32 :	96	114	119	0.5	0.5	74.615	29.95	68.655
4/19/2016	14:21:32 :	96	114	119	0.5	0.5	75.125	29.95	69.125
4/19/2016	14:22:32 :	96	114	119	0.5	0.5	75.67	29.95	69.627
4/19/2016	14:23:32 :	95	114	119	0.5	0.5	76.144	29.95	70.063
4/19/2016	14:24:32 :	94	113	119	0.5	0.5	76.57	29.95	70.455
4/19/2016	14:25:32 :	94	113	119	0.5	0.5	77.043	29.95	70.892
4/19/2016	14:26:32 :	95	113	119	0.5	0.5	77.571	29.95	71.379
4/19/2016	14:27:32 :	95	113	119	0.5	0.5	78.091	29.95	71.858
4/19/2016	14:28:32 :	93	113	118	0.5	0.5	78.586	29.95	72.314

4/19/2016	14:29:32 :	93	113	118	0.5	0.5	79.083	29.95	72.772
4/19/2016	14:30:32 :	93	113	118	0.5	0.5	79.518	29.95	73.173
4/19/2016	14:31:32 :	93	113	118	0.5	0.5	79.973	29.95	73.592
4/19/2016	14:32:32 :	93	113	118	0.5	0.5	80.51	29.95	74.088
4/19/2016	14:33:32 :	94	113	118	0.5	0.5	81.042	29.95	74.578
4/19/2016	14:34:32 :	96	113	118	0.5	0.5	81.505	29.95	75.006
4/19/2016	14:35:32 :	97	113	118	0.5	0.5	81.965	29.95	75.43
4/19/2016	14:36:32 :	98	113	118	0.5	0.5	82.449	29.95	75.877
4/19/2016	14:37:32 :	98	112	118	0.5	0.5	82.923	29.95	76.314
4/19/2016	14:38:32 :	97	112	118	0.5	0.5	83.431	29.95	76.783
4/19/2016	14:39:32 :	97	112	118	0.5	0.5	83.988	29.95	77.297
4/19/2016	14:40:32 :	96	112	118	0.5	0.5	84.445	29.95	77.719
4/19/2016	14:41:32 :	95	112	118	0.5	0.5	84.873	29.95	78.115
4/19/2016	14:42:32 :	96	112	118	0.5	0.5	85.361	29.95	78.565
4/19/2016	14:43:32 :	97	112	118	0.5	0.5	85.869	29.95	79.034
4/19/2016	14:44:32 :	98	112	118	0.5	0.5	86.368	29.95	79.495
4/19/2016	14:45:32 :	97	112	118	0.5	0.5	86.877	29.95	79.964
4/19/2016	14:46:32 :	97	112	118	0.5	0.5	87.372	29.95	80.421
4/19/2016	14:47:32 :	97	112	118	0.5	0.5	87.815	29.95	80.83
4/19/2016	14:48:32 :	95	112	118	0.5	0.5	88.277	29.95	81.256
4/19/2016	14:49:32 :	94	112	118	0.5	0.5	88.815	29.95	81.753
4/19/2016	14:50:32 :	94	112	118	0.5	0.5	89.337	29.95	82.235
4/19/2016	14:51:32 :	95	112	118	0.5	0.5	89.8	29.95	82.663
4/19/2016	14:52:32 :	96	112	118	0.5	0.5	90.279	29.95	83.106
4/19/2016	14:53:32 :	97	112	118	0.5	0.5	90.746	29.94	83.537
4/19/2016	14:54:32 :	97	112	118	0.5	0.5	91.196	29.94	83.952
4/19/2016	14:55:32 :	95	112	118	0.5	0.5	91.711	29.94	84.428
4/19/2016	14:56:32 :	97	112	118	0.5	0.5	92.271	29.94	84.945
4/19/2016	14:57:32 :	99	112	118	0.5	0.5	92.738	29.94	85.377
4/19/2016	14:58:32 :	99	112	118	0.5	0.5	93.181	29.94	85.787
4/19/2016	14:59:32 :	99	112	118	0.5	0.5	93.673	29.95	86.241
4/19/2016	15:00:32 :	98	112	118	0.5	0.5	94.158	29.94	86.689
4/19/2016	15:01:32 :	99	112	119	0.5	0.5	94.647	29.94	87.141
4/19/2016	15:02:32 :	98	112	119	0.5	0.5	95.185	29.94	87.638
4/19/2016	15:03:32 :	97	112	119	0.5	0.5	95.666	29.95	88.082
4/19/2016	15:04:32 :	98	112	119	0.5	0.5	96.092	29.94	88.475
4/19/2016	15:05:32 :	97	112	119	0.5	0.5	96.555	29.95	88.904
4/19/2016	15:06:32 :	98	112	119	0.5	0.5	97.089	29.95	89.397
4/19/2016	15:07:32 :	98	112	119	0.5	0.5	97.603	29.95	89.872
4/19/2016	15:08:32 :	99	112	119	0.5	0.5	98.096	29.94	90.327
4/19/2016	15:09:32 :	99	112	120	0.5	0.5	98.586	29.94	90.78
4/19/2016	15:10:32 :	99	112	120	0.5	0.5	99.035	29.95	91.195
4/19/2016	15:11:32 :	98	112	120	0.5	0.5	99.478	29.94	91.603
4/19/2016	15:12:32 :	99	112	120	0.5	0.5	100.011	29.94	92.095
4/19/2016	15:13:32 :	99	112	120	0.5	0.5	100.549	29.95	92.592
4/19/2016	15:14:32 :	97	112	120	0.5	0.5	101.01	29.94	93.018
4/19/2016	15:15:32 :	100	112	120	0.5	0.5	101.465	29.94	93.438
4/19/2016	15:16:32 :	98	112	120	0.5	0.5	101.958	29.95	93.893
4/19/2016	15:17:32 :	98	112	120	0.5	0.5	102.424	29.94	94.323
4/19/2016	15:18:32 :	98	112	121	0.5	0.5	102.936	29.95	94.795
4/19/2016	15:19:32 :	101	113	121	0.5	0.5	103.487	29.95	95.304
4/19/2016	15:20:32 :	99	113	121	0.5	0.5	103.955	29.94	95.735
4/19/2016	15:21:32 :	98	113	121	0.5	0.5	104.377	29.95	96.124
4/19/2016	15:22:32 :	96	113	121	0.5	0.5	104.858	29.95	96.569
4/19/2016	15:23:32 :	94	113	121	0.5	0.5	105.366	29.94	97.037
4/19/2016	15:24:32 :	96	113	121	0.5	0.5	105.865	29.95	97.497
4/19/2016	15:25:32 :	98	113	121	0.5	0.5	106.376	29.94	97.968
4/19/2016	15:26:32 :	96	113	122	0.5	0.5	106.869	29.94	98.423
4/19/2016	15:27:32 :	98	113	122	0.5	0.5	107.312	29.94	98.831
4/19/2016	15:28:32 :	99	113	122	0.5	0.5	107.772	29.94	99.255

4/19/2016	15:29:32 :	99	113	122	0.5	0.5	108.31	29.94	99.751
4/19/2016	15:30:32 :	97	113	122	0.5	0.5	108.83	29.94	100.23
4/19/2016	15:31:32 :	98	113	122	0.5	0.5	109.295	29.94	100.659
4/19/2016	15:32:32 :	99	113	122	0.5	0.5	109.771	29.94	101.097
4/19/2016	15:33:32 :	99	113	122	0.5	0.5	110.239	29.94	101.528
4/19/2016	15:34:32 :	98	113	122	0.5	0.5	110.69	29.94	101.943
4/19/2016	15:35:32 :	99	113	122	0.5	0.5	111.208	29.94	102.42
4/19/2016	15:36:32 :	99	114	122	0.5	0.5	111.767	29.93	102.935
4/19/2016	15:37:32 :	99	114	122	0.5	0.5	112.237	29.93	103.367
4/19/2016	15:38:32 :	99	114	123	0.5	0.5	112.677	29.93	103.773
4/19/2016	15:39:32 :	96	114	123	0.5	0.5	113.164	29.93	104.221
4/19/2016	15:40:32 :	94	114	123	0.5	0.5	113.651	29.93	104.669
4/19/2016	15:41:32 :	95	114	123	0.5	0.5	114.144	29.94	105.122
4/19/2016	15:42:32 :	97	114	123	0.5	0.5	114.68	29.94	105.616
4/19/2016	15:43:32 :	95	114	123	0.5	0.5	115.16	29.93	106.057
4/19/2016	15:44:32 :	93	114	123	0.5	0.5	115.589	29.93	106.452
4/19/2016	15:45:32 :	95	114	123	0.5	0.5	116.057	29.93	106.882
4/19/2016	15:46:32 :	94	114	123	0.5	0.5	116.588	29.93	107.371
4/19/2016	15:47:32 :	94	114	123	0.5	0.5	117.104	29.93	107.845
4/19/2016	15:47:35 :	94	114	123	0.5	0.5	117.129	29.93	107.868

'

'---------- LOGGED EVENTS ----------
04/19/16 11:47:33: Test START
04/19/16 15:47:35: Actual Sampling Time: 0d 4h 0m 0s
04/19/16 15:47:35: Test END
Sample A: POST-Leak Test PASSED with minimal vacuum of 5 inHg
' NOTE: Post_Leak Test Side B Not tested
' *ALARMS LEGEND
'A - Not Used
'B - Not Used
'C - Not Used
'D - Current Loop failure for External FLOW Input
'E - Current Loop failure for External MOISTURE Input
'F - Modbus inactivity timeout
'G - Unable to maintain proportional flow for A
'H - Unable to maintain proportional flow for B
'I - High Vac-A
'J - High Vac-B
'K - Not Used
'L - Trap Temperature Out of Range
'M - Probe Temperature Out of Range
'N - Chiller Temperature Out of Range
'O - Sample Line Temperature Out of Range
'P - Console Returned from power failure
'---------- END OF ALARM LEDGENDS ----------

'---------- CONSOLE INFO ----------
' Console Name: 3210 - Ambient Air Services
' Console ID: XC30B-3210
' DAC Board ID: 3332-3130-202D-2041
'Dry Gas Meter-A ID/Gamma: 1901990 / 1.0018
'Dry Gas Meter-B ID/Gamma: 1902001 / 0.9959
' DGM cm3/Pulse: 1.93

' RTC ROM ID: 738D-014B-0000-008D
'------ SOFTWARE AND FIRMWARE VERSIONS USED FOR THIS DATA EXPORT ----------
' Software-Firmware Ver: 0320e-116
'

Configuration File: Cuba HCL 042016 Day Run 3.pro
File Exported: 4/29/2016 8:32:30 PM (PC Time).
Company Name: Cuba HCL

Sample A: PRE-Leak Test PASSED at Maximum vacuum

' Pre_Leak Test Side B Not tested

Run D3

Trap ID-A: Day 3
Trap ID-B: NA

Test Duration (Planned): 0d 4h 0m
Test Duration (Actual) : 0d 4h 0m
Averaging Period : 1 min.

		Stack F	DGM-A F	Console F	MAS-A LPM	VAC-A in-Hg	DGM-A (L) Corr-Vol	Baro in-Hg	STD Vol_A
AVERAGES AND TEST SUMMARIES		**91.2**	**104.1**	**111.9**	**0.5**	**0.4**	**116.557**	**29.98**	**109.418**
4/20/2016	7:55:59 :	74	79	89	0	0	0	29.97	0
4/20/2016	7:56:58 :	73	79	88	0.533	0.5	0.478	29.97	0.468
4/20/2016	7:57:58 :	73	79	89	0.502	0.4	0.95	29.97	0.931
4/20/2016	7:58:58 :	74	79	89	0.502	0.4	1.408	29.97	1.38
4/20/2016	7:59:58 :	74	79	89	0.501	0.4	1.91	29.97	1.873
4/20/2016	8:00:58 :	74	80	89	0.5	0.4	2.453	29.98	2.405
4/20/2016	8:01:58 :	74	80	90	0.5	0.4	2.888	29.97	2.831
4/20/2016	8:02:58 :	75	81	90	0.501	0.4	3.314	29.97	3.247
4/20/2016	8:03:58 :	76	81	91	0.5	0.4	3.796	29.98	3.718
4/20/2016	8:04:58 :	78	81	91	0.5	0.4	4.266	29.98	4.178
4/20/2016	8:05:58 :	79	82	92	0.5	0.4	4.761	29.97	4.661
4/20/2016	8:06:58 :	80	82	92	0.501	0.4	5.296	29.98	5.183
4/20/2016	8:07:58 :	81	83	93	0.5	0.4	5.75	29.98	5.626
4/20/2016	8:08:58 :	81	83	93	0.5	0.4	6.156	29.98	6.022
4/20/2016	8:09:58 :	82	83	94	0.5	0.4	6.628	29.98	6.481
4/20/2016	8:10:58 :	82	84	94	0.5	0.4	7.137	29.98	6.976
4/20/2016	8:11:58 :	82	84	95	0.5	0.4	7.626	29.98	7.451
4/20/2016	8:12:58 :	82	84	95	0.499	0.4	8.129	29.98	7.94
4/20/2016	8:13:58 :	82	85	95	0.5	0.4	8.6	29.98	8.398
4/20/2016	8:14:58 :	81	85	96	0.5	0.4	9.016	29.98	8.802
4/20/2016	8:15:58 :	82	85	96	0.5	0.4	9.476	29.98	9.248
4/20/2016	8:16:58 :	82	86	97	0.5	0.4	10.006	29.98	9.762
4/20/2016	8:17:58 :	82	86	97	0.5	0.4	10.512	29.98	10.251
4/20/2016	8:18:58 :	81	86	97	0.499	0.4	10.992	29.98	10.716
4/20/2016	8:19:58 :	82	87	98	0.5	0.4	11.474	29.98	11.182
4/20/2016	8:20:58 :	82	87	98	0.5	0.4	11.894	29.98	11.589
4/20/2016	8:21:58 :	83	87	98	0.5	0.4	12.349	29.98	12.028
4/20/2016	8:22:58 :	83	88	99	0.5	0.4	12.885	29.98	12.546
4/20/2016	8:23:58 :	83	88	99	0.5	0.4	13.401	29.98	13.043
4/20/2016	8:24:58 :	83	88	99	0.5	0.4	13.848	29.98	13.474
4/20/2016	8:25:58 :	83	89	100	0.5	0.4	14.316	29.98	13.925
4/20/2016	8:26:58 :	81	89	101	0.5	0.4	14.774	29.98	14.366
4/20/2016	8:27:58 :	82	89	101	0.5	0.4	15.214	29.98	14.79
4/20/2016	8:28:58 :	81	90	101	0.5	0.4	15.74	29.98	15.296
4/20/2016	8:29:58 :	81	90	101	0.5	0.4	16.28	29.98	15.816
4/20/2016	8:30:58 :	82	91	101	0.499	0.4	16.728	29.98	16.246
4/20/2016	8:31:58 :	83	91	102	0.503	0.4	17.164	29.98	16.664
4/20/2016	8:32:58 :	83	91	102	0.5	0.4	17.641	29.98	17.122
4/20/2016	8:33:58 :	83	92	102	0.5	0.4	18.107	29.98	17.569
4/20/2016	8:34:58 :	83	92	102	0.5	0.4	18.615	29.98	18.057
4/20/2016	8:35:58 :	83	92	102	0.5	0.4	19.164	29.98	18.583
4/20/2016	8:36:58 :	83	92	103	0.5	0.4	19.605	29.98	19.005

4/20/2016	8:37:58 :	84	93	103	0.5	0.4	20.035	29.98	19.417
4/20/2016	8:38:58 :	84	93	103	0.5	0.4	20.518	29.98	19.879
4/20/2016	8:39:58 :	83	93	103	0.5	0.4	21.009	29.98	20.348
4/20/2016	8:40:58 :	84	93	104	0.5	0.4	21.489	29.98	20.807
4/20/2016	8:41:58 :	84	94	104	0.5	0.4	22.019	29.98	21.313
4/20/2016	8:42:58 :	84	94	104	0.5	0.4	22.488	29.98	21.762
4/20/2016	8:43:58 :	84	94	104	0.5	0.4	22.904	29.98	22.159
4/20/2016	8:44:58 :	84	95	104	0.5	0.4	23.368	29.98	22.601
4/20/2016	8:45:58 :	83	95	104	0.5	0.4	23.894	29.98	23.103
4/20/2016	8:46:58 :	83	95	105	0.5	0.4	24.399	29.98	23.584
4/20/2016	8:47:58 :	83	95	105	0.5	0.4	24.894	29.98	24.055
4/20/2016	8:48:58 :	83	95	105	0.5	0.4	25.379	29.98	24.517
4/20/2016	8:49:58 :	84	96	105	0.5	0.4	25.804	29.98	24.922
4/20/2016	8:50:58 :	84	96	106	0.5	0.4	26.264	29.98	25.36
4/20/2016	8:51:58 :	84	96	106	0.5	0.4	26.802	29.98	25.871
4/20/2016	8:52:58 :	85	96	106	0.503	0.4	27.33	29.98	26.373
4/20/2016	8:53:58 :	86	97	106	0.501	0.4	27.782	29.98	26.803
4/20/2016	8:54:58 :	86	97	106	0.5	0.4	28.252	29.98	27.249
4/20/2016	8:55:58 :	85	97	107	0.5	0.4	28.716	29.98	27.689
4/20/2016	8:56:58 :	85	97	107	0.5	0.4	29.166	29.98	28.117
4/20/2016	8:57:58 :	86	97	107	0.5	0.4	29.686	29.98	28.61
4/20/2016	8:58:58 :	86	98	107	0.5	0.4	30.237	29.98	29.133
4/20/2016	8:59:58 :	86	98	107	0.5	0.4	30.698	29.98	29.57
4/20/2016	9:00:58 :	86	98	107	0.499	0.4	31.133	29.97	29.982
4/20/2016	9:01:58 :	86	98	108	0.5	0.4	31.62	29.98	30.443
4/20/2016	9:02:58 :	85	99	108	0.505	0.4	32.094	29.98	30.891
4/20/2016	9:03:58 :	85	99	108	0.499	0.4	32.599	29.97	31.369
4/20/2016	9:04:58 :	85	99	108	0.502	0.4	33.142	29.98	31.882
4/20/2016	9:05:58 :	85	99	108	0.497	0.4	33.605	29.98	32.321
4/20/2016	9:06:58 :	86	99	108	0.498	0.4	34.017	29.98	32.71
4/20/2016	9:07:58 :	86	100	109	0.502	0.4	34.497	29.98	33.163
4/20/2016	9:08:58 :	87	100	109	0.5	0.4	35.023	29.97	33.66
4/20/2016	9:09:58 :	86	100	109	0.501	0.4	35.541	29.97	34.149
4/20/2016	9:10:58 :	86	101	109	0.51	0.4	36.048	29.98	34.628
4/20/2016	9:11:58 :	88	101	109	0.501	0.4	36.539	29.98	35.091
4/20/2016	9:12:58 :	88	101	110	0.5	0.4	36.964	29.97	35.492
4/20/2016	9:13:58 :	89	101	110	0.502	0.4	37.422	29.98	35.924
4/20/2016	9:14:58 :	88	101	110	0.5	0.4	37.962	29.98	36.433
4/20/2016	9:15:58 :	87	102	110	0.5	0.4	38.495	29.98	36.935
4/20/2016	9:16:58 :	87	102	110	0.501	0.4	38.948	29.98	37.361
4/20/2016	9:17:58 :	89	102	110	0.5	0.4	39.41	29.98	37.796
4/20/2016	9:18:58 :	89	102	110	0.499	0.4	39.89	29.98	38.248
4/20/2016	9:19:58 :	89	102	111	0.5	0.4	40.362	29.99	38.692
4/20/2016	9:20:58 :	89	103	111	0.501	0.4	40.871	29.99	39.172
4/20/2016	9:21:58 :	88	103	111	0.499	0.4	41.424	29.98	39.692
4/20/2016	9:22:58 :	89	103	111	0.5	0.4	41.879	29.99	40.119
4/20/2016	9:23:58 :	88	103	111	0.5	0.4	42.312	29.99	40.526
4/20/2016	9:24:58 :	88	103	111	0.501	0.4	42.799	29.98	40.984
4/20/2016	9:25:58 :	89	103	111	0.5	0.4	43.298	29.99	41.452
4/20/2016	9:26:58 :	88	104	112	0.5	0.4	43.792	29.99	41.916
4/20/2016	9:27:58 :	90	104	112	0.5	0.4	44.314	29.99	42.406
4/20/2016	9:28:58 :	93	104	112	0.5	0.4	44.794	29.99	42.858
4/20/2016	9:29:58 :	93	104	112	0.5	0.4	45.228	29.99	43.264
4/20/2016	9:30:58 :	93	104	112	0.5	0.4	45.694	29.98	43.701
4/20/2016	9:31:58 :	92	104	112	0.498	0.4	46.233	29.99	44.207
4/20/2016	9:32:58 :	91	105	113	0.5	0.4	46.744	29.99	44.686
4/20/2016	9:33:58 :	91	105	113	0.5	0.4	47.227	29.98	45.138
4/20/2016	9:34:58 :	90	105	113	0.5	0.4	47.709	29.98	45.589
4/20/2016	9:35:58 :	91	105	113	0.499	0.4	48.161	29.99	46.012
4/20/2016	9:36:58 :	90	105	113	0.5	0.4	48.605	29.99	46.429

4/20/2016	9:37:58 :	88	106	113	0.5	0.4	49.137	29.98	46.926
4/20/2016	9:38:58 :	88	106	113	0.5	0.4	49.682	29.99	47.436
4/20/2016	9:39:58 :	88	106	113	0.5	0.4	50.143	29.99	47.867
4/20/2016	9:40:58 :	89	106	114	0.5	0.4	50.593	29.99	48.288
4/20/2016	9:41:58 :	91	106	114	0.5	0.4	51.088	29.99	48.75
4/20/2016	9:42:58 :	90	106	114	0.5	0.4	51.555	29.99	49.186
4/20/2016	9:43:58 :	90	106	114	0.499	0.4	52.063	29.99	49.661
4/20/2016	9:44:58 :	90	107	115	0.503	0.4	52.614	29.99	50.176
4/20/2016	9:45:58 :	91	107	115	0.499	0.4	53.083	29.99	50.614
4/20/2016	9:46:58 :	91	107	115	0.499	0.4	53.497	29.99	51.001
4/20/2016	9:47:58 :	91	107	115	0.501	0.4	53.977	29.99	51.449
4/20/2016	9:48:58 :	91	107	115	0.5	0.4	54.497	29.99	51.934
4/20/2016	9:49:58 :	89	107	115	0.5	0.4	55.002	29.99	52.405
4/20/2016	9:50:58 :	91	107	115	0.5	0.4	55.506	29.99	52.875
4/20/2016	9:51:58 :	93	107	115	0.5	0.4	56.002	29.99	53.337
4/20/2016	9:52:58 :	92	108	115	0.5	0.4	56.436	29.99	53.743
4/20/2016	9:53:58 :	92	108	115	0.499	0.4	56.892	29.99	54.167
4/20/2016	9:54:58 :	93	108	115	0.502	0.4	57.434	29.99	54.673
4/20/2016	9:55:58 :	92	108	116	0.501	0.4	57.963	29.99	55.166
4/20/2016	9:56:58 :	91	108	116	0.5	0.4	58.42	29.99	55.591
4/20/2016	9:57:58 :	89	108	116	0.5	0.4	58.892	29.99	56.031
4/20/2016	9:58:58 :	91	108	116	0.5	0.4	59.37	29.99	56.476
4/20/2016	9:59:58 :	92	108	116	0.5	0.4	59.836	29.99	56.91
4/20/2016	10:00:58 :	94	108	116	0.501	0.4	60.351	29.99	57.39
4/20/2016	10:01:58 :	94	109	116	0.5	0.4	60.912	29.99	57.912
4/20/2016	10:02:58 :	94	109	117	0.5	0.4	61.366	29.99	58.334
4/20/2016	10:03:58 :	93	109	117	0.503	0.4	61.805	29.99	58.742
4/20/2016	10:04:58 :	91	109	117	0.5	0.4	62.293	29.99	59.196
4/20/2016	10:05:58 :	92	109	117	0.5	0.4	62.796	29.99	59.664
4/20/2016	10:06:58 :	95	109	117	0.5	0.4	63.287	29.99	60.12
4/20/2016	10:07:58 :	97	109	117	0.5	0.4	63.813	29.99	60.609
4/20/2016	10:08:58 :	94	109	117	0.5	0.4	64.3	29.99	61.062
4/20/2016	10:09:58 :	93	110	117	0.5	0.4	64.742	29.99	61.473
4/20/2016	10:10:58 :	95	110	117	0.5	0.4	65.202	29.99	61.9
4/20/2016	10:11:58 :	97	110	117	0.5	0.4	65.746	29.99	62.405
4/20/2016	10:12:58 :	98	110	117	0.5	0.4	66.254	29.99	62.877
4/20/2016	10:13:58 :	99	110	117	0.5	0.4	66.728	29.99	63.317
4/20/2016	10:14:58 :	101	110	117	0.5	0.4	67.212	29.99	63.766
4/20/2016	10:15:58 :	100	110	118	0.5	0.4	67.674	29.99	64.194
4/20/2016	10:16:58 :	100	110	118	0.5	0.4	68.124	29.99	64.613
4/20/2016	10:17:58 :	99	110	118	0.5	0.4	68.644	29.99	65.095
4/20/2016	10:18:58 :	99	110	118	0.5	0.4	69.197	29.99	65.608
4/20/2016	10:19:58 :	98	111	118	0.5	0.4	69.669	29.99	66.046
4/20/2016	10:20:58 :	96	111	118	0.503	0.4	70.117	29.99	66.461
4/20/2016	10:21:58 :	97	111	118	0.5	0.4	70.611	29.99	66.918
4/20/2016	10:22:58 :	95	111	118	0.5	0.4	71.086	29.99	67.359
4/20/2016	10:23:58 :	95	111	118	0.5	0.4	71.587	29.99	67.823
4/20/2016	10:24:58 :	96	111	118	0.5	0.4	72.125	29.99	68.322
4/20/2016	10:25:58 :	95	111	118	0.5	0.4	72.6	29.99	68.762
4/20/2016	10:26:58 :	97	111	118	0.497	0.4	73.025	29.99	69.156
4/20/2016	10:27:58 :	96	111	118	0.5	0.4	73.493	29.99	69.589
4/20/2016	10:28:58 :	95	111	118	0.498	0.4	74.021	29.99	70.078
4/20/2016	10:29:58 :	94	111	118	0.508	0.4	74.549	29.99	70.567
4/20/2016	10:30:58 :	94	111	118	0.5	0.4	75.042	29.99	71.023
4/20/2016	10:31:58 :	94	111	118	0.5	0.4	75.533	29.99	71.478
4/20/2016	10:32:58 :	95	111	118	0.5	0.4	75.98	29.99	71.892
4/20/2016	10:33:58 :	96	111	118	0.5	0.4	76.426	29.98	72.305
4/20/2016	10:34:58 :	96	111	118	0.5	0.4	76.96	29.98	72.8
4/20/2016	10:35:58 :	97	111	118	0.499	0.4	77.499	29.98	73.299
4/20/2016	10:36:58 :	97	111	118	0.499	0.4	77.958	29.98	73.724

4/20/2016	10:37:58 :	97	112	118	0.5	0.4	78.416	29.98	74.147
4/20/2016	10:38:58 :	97	112	118	0.5	0.4	78.907	29.98	74.601
4/20/2016	10:39:58 :	98	112	118	0.5	0.4	79.377	29.98	75.036
4/20/2016	10:40:58 :	97	112	118	0.5	0.4	79.89	29.98	75.511
4/20/2016	10:41:58 :	96	112	118	0.5	0.4	80.443	29.98	76.022
4/20/2016	10:42:58 :	96	112	118	0.5	0.4	80.91	29.98	76.455
4/20/2016	10:43:58 :	94	112	118	0.501	0.4	81.333	29.98	76.846
4/20/2016	10:44:58 :	92	112	118	0.501	0.4	81.813	29.98	77.29
4/20/2016	10:45:58 :	94	112	118	0.5	0.4	82.327	29.98	77.765
4/20/2016	10:46:58 :	96	112	118	0.5	0.4	82.826	29.98	78.227
4/20/2016	10:47:58 :	95	112	118	0.5	0.4	83.339	29.98	78.701
4/20/2016	10:48:58 :	96	112	118	0.5	0.4	83.83	29.98	79.155
4/20/2016	10:49:58 :	96	112	118	0.5	0.4	84.272	29.98	79.565
4/20/2016	10:50:58 :	96	112	118	0.501	0.4	84.732	29.98	79.99
4/20/2016	10:51:58 :	98	112	118	0.5	0.4	85.272	29.98	80.49
4/20/2016	10:52:58 :	99	112	118	0.5	0.4	85.802	29.98	80.98
4/20/2016	10:53:58 :	99	112	118	0.5	0.4	86.258	29.98	81.402
4/20/2016	10:54:58 :	99	112	118	0.5	0.4	86.732	29.99	81.84
4/20/2016	10:55:58 :	101	112	118	0.5	0.4	87.202	29.99	82.275
4/20/2016	10:56:58 :	101	112	118	0.5	0.4	87.664	29.99	82.702
4/20/2016	10:57:58 :	101	112	118	0.5	0.4	88.18	29.99	83.181
4/20/2016	10:58:58 :	99	112	118	0.5	0.4	88.738	29.99	83.697
4/20/2016	10:59:58 :	97	112	118	0.5	0.4	89.195	29.98	84.119
4/20/2016	11:00:58 :	96	112	119	0.5	0.4	89.636	29.98	84.527
4/20/2016	11:01:58 :	95	112	118	0.5	0.4	90.125	29.98	84.979
4/20/2016	11:02:58 :	97	112	118	0.5	0.4	90.62	29.98	85.436
4/20/2016	11:03:58 :	99	112	118	0.5	0.4	91.113	29.99	85.892
4/20/2016	11:04:58 :	101	112	118	0.5	0.4	91.639	29.98	86.378
4/20/2016	11:05:58 :	101	112	118	0.5	0.4	92.121	29.99	86.823
4/20/2016	11:06:58 :	101	112	119	0.5	0.4	92.557	29.99	87.227
4/20/2016	11:07:58 :	102	112	118	0.5	0.4	93.023	29.99	87.658
4/20/2016	11:08:58 :	102	112	119	0.5	0.4	93.568	29.99	88.162
4/20/2016	11:09:58 :	101	112	119	0.5	0.4	94.075	29.99	88.63
4/20/2016	11:10:58 :	102	112	119	0.5	0.4	94.559	29.99	89.077
4/20/2016	11:11:58 :	99	112	119	0.5	0.4	95.042	29.99	89.524
4/20/2016	11:12:58 :	98	112	119	0.5	0.4	95.499	29.98	89.946
4/20/2016	11:13:58 :	98	112	119	0.5	0.4	95.939	29.98	90.353
4/20/2016	11:14:58 :	97	112	119	0.5	0.4	96.468	29.98	90.842
4/20/2016	11:15:58 :	95	112	119	0.5	0.4	97.01	29.98	91.343
4/20/2016	11:16:58 :	93	112	119	0.501	0.4	97.476	29.98	91.774
4/20/2016	11:17:58 :	92	112	119	0.501	0.4	97.932	29.98	92.195
4/20/2016	11:18:58 :	92	112	119	0.5	0.4	98.426	29.98	92.651
4/20/2016	11:19:58 :	93	112	119	0.5	0.4	98.894	29.98	93.084
4/20/2016	11:20:58 :	94	112	119	0.5	0.4	99.4	29.98	93.551
4/20/2016	11:21:58 :	94	112	118	0.5	0.4	99.946	29.98	94.056
4/20/2016	11:22:58 :	97	112	118	0.5	0.4	100.416	29.98	94.491
4/20/2016	11:23:58 :	99	112	118	0.5	0.4	100.834	29.98	94.877
4/20/2016	11:24:58 :	100	112	118	0.5	0.4	101.314	29.98	95.321
4/20/2016	11:25:58 :	99	112	118	0.5	0.4	101.832	29.98	95.799
4/20/2016	11:26:58 :	100	112	118	0.5	0.4	102.335	29.98	96.264
4/20/2016	11:27:58 :	99	112	118	0.5	0.4	102.844	29.98	96.734
4/20/2016	11:28:58 :	100	112	118	0.5	0.4	103.341	29.98	97.194
4/20/2016	11:29:58 :	101	112	118	0.5	0.4	103.773	29.98	97.593
4/20/2016	11:30:58 :	99	112	118	0.5	0.4	104.228	29.98	98.014
4/20/2016	11:31:58 :	97	112	118	0.5	0.4	104.769	29.98	98.514
4/20/2016	11:32:58 :	98	112	118	0.5	0.4	105.297	29.98	99.002
4/20/2016	11:33:58 :	98	112	118	0.5	0.4	105.755	29.98	99.425
4/20/2016	11:34:58 :	96	112	118	0.5	0.4	106.225	29.98	99.859
4/20/2016	11:35:58 :	95	112	118	0.5	0.4	106.703	29.98	100.301
4/20/2016	11:36:58 :	93	112	118	0.5	0.4	107.167	29.98	100.73

4/20/2016	11:37:58 :	93	112	118	0.5	0.4	107.682	29.98	101.207
4/20/2016	11:38:58 :	92	112	118	0.5	0.4	108.245	29.98	101.728
4/20/2016	11:39:58 :	94	112	118	0.5	0.4	108.698	29.98	102.147
4/20/2016	11:40:58 :	93	112	118	0.499	0.4	109.135	29.98	102.551
4/20/2016	11:41:58 :	92	112	118	0.5	0.4	109.626	29.98	103.005
4/20/2016	11:42:58 :	93	112	118	0.501	0.4	110.127	29.98	103.468
4/20/2016	11:43:58 :	96	112	118	0.5	0.4	110.622	29.97	103.926
4/20/2016	11:44:58 :	95	112	118	0.5	0.4	111.142	29.98	104.406
4/20/2016	11:45:58 :	95	112	118	0.5	0.4	111.631	29.98	104.859
4/20/2016	11:46:58 :	95	112	118	0.501	0.4	112.073	29.98	105.268
4/20/2016	11:47:58 :	94	112	118	0.501	0.4	112.536	29.98	105.696
4/20/2016	11:48:58 :	96	112	118	0.5	0.4	113.077	29.97	106.196
4/20/2016	11:49:58 :	97	111	117	0.5	0.4	113.586	29.97	106.668
4/20/2016	11:50:58 :	96	111	117	0.5	0.4	114.06	29.97	107.106
4/20/2016	11:51:58 :	95	111	117	0.5	0.4	114.541	29.97	107.551
4/20/2016	11:52:58 :	97	111	117	0.5	0.4	115.003	29.98	107.979
4/20/2016	11:53:58 :	96	111	117	0.5	0.4	115.455	29.98	108.398
4/20/2016	11:54:58 :	96	111	117	0.5	0.4	115.973	29.98	108.877
4/20/2016	11:55:58 :	96	111	117	0.5	0.4	116.528	29.98	109.391
4/20/2016	11:56:01 :	96	111	117	0.5	0.4	116.557	29.98	109.418

'

'---------- LOGGED EVENTS ----------
04/20/16 07:55:59: Test START
04/20/16 11:56:01: Actual Sampling Time: 0d 4h 0m 0s
04/20/16 11:56:01: Test END
Sample A: POST-Leak Test PASSED with minimal vacuum of 5 inHg
' NOTE: Post_Leak Test Side B Not tested
' *ALARMS LEGEND
'A - Not Used
'B - Not Used
'C - Not Used
'D - Current Loop failure for External FLOW Input
'E - Current Loop failure for External MOISTURE Input
'F - Modbus inactivity timeout
'G - Unable to maintain proportional flow for A
'H - Unable to maintain proportional flow for B
'I - High Vac-A
'J - High Vac-B
'K - Not Used
'L - Trap Temperature Out of Range
'M - Probe Temperature Out of Range
'N - Chiller Temperature Out of Range
'O - Sample Line Temperature Out of Range
'P - Console Returned from power failure
'---------- END OF ALARM LEDGENDS ----------

'---------- CONSOLE INFO ----------
' Console Name: 3210 - Ambient Air Services
' Console ID: XC30B-3210
' DAC Board ID: 3332-3130-202D-2041
'Dry Gas Meter-A ID/Gamma: 1901990 / 1.0018
'Dry Gas Meter-B ID/Gamma: 1902001 / 0.9959
' DGM cm3/Pulse: 1.93

' RTC ROM ID: 738D-014B-0000-008D
'------ SOFTWARE AND FIRMWARE VERSIONS USED FOR THIS DATA EXPORT ----------
' Software-Firmware Ver: 0320e-116
'

Configuration File: Cuba HCL 042116 Day Run 4.pro
File Exported: 4/29/2016 8:32:39 PM (PC Time).
Company Name: Cuba HCL

Sample A: PRE-Leak Test PASSED at Maximum vacuum

' Pre_Leak Test Side B Not tested

Run D4

Trap ID-A: day 4 HCL
Trap ID-B: NA

Test Duration (Planned): 0d 4h 0m
Test Duration (Actual) : 0d 4h 1m
Averaging Period : 1 min.

		Stack F	DGM-A F	Console F	MAS-A LPM	VAC-A in-Hg	DGM-A (L) Corr-Vol	Baro in-Hg	STD Vol_A
AVERAGES AND TEST SUMMARIES		**92.9**	**108.6**	**116.4**	**0.499**	**0.4**	**117.066**	**29.96**	**108.926**
4/21/2016	8:22:11 :	84	88	98	0	0	0	29.95	0
4/21/2016	8:23:10 :	85	88	98	0.514	0.4	0.426	29.94	0.411
4/21/2016	8:24:10 :	84	88	98	0.503	0.4	0.888	29.94	0.856
4/21/2016	8:25:10 :	86	88	98	0.502	0.4	1.404	29.94	1.353
4/21/2016	8:26:10 :	83	88	99	0.501	0.4	1.894	29.94	1.826
4/21/2016	8:27:10 :	84	88	99	0.5	0.4	2.384	29.94	2.298
4/21/2016	8:28:10 :	87	89	100	0.499	0.4	2.858	29.95	2.754
4/21/2016	8:29:10 :	88	89	101	0.502	0.4	3.289	29.95	3.169
4/21/2016	8:30:10 :	88	90	101	0.501	0.4	3.738	29.95	3.6
4/21/2016	8:31:10 :	88	91	102	0.5	0.4	4.268	29.95	4.109
4/21/2016	8:32:10 :	89	91	102	0.5	0.4	4.766	29.95	4.586
4/21/2016	8:33:10 :	90	92	103	0.5	0.4	5.241	29.95	5.042
4/21/2016	8:34:10 :	91	92	104	0.501	0.4	5.719	29.95	5.5
4/21/2016	8:35:10 :	91	92	105	0.5	0.4	6.143	29.95	5.905
4/21/2016	8:36:10 :	89	93	105	0.5	0.4	6.591	29.95	6.334
4/21/2016	8:37:10 :	91	93	106	0.5	0.4	7.127	29.95	6.846
4/21/2016	8:38:10 :	91	94	106	0.5	0.4	7.641	29.95	7.336
4/21/2016	8:39:10 :	90	94	107	0.5	0.4	8.09	29.95	7.764
4/21/2016	8:40:10 :	91	95	107	0.499	0.4	8.553	29.95	8.206
4/21/2016	8:41:10 :	91	95	108	0.5	0.4	9.008	29.95	8.639
4/21/2016	8:42:10 :	89	95	108	0.5	0.4	9.453	29.95	9.062
4/21/2016	8:43:10 :	90	96	109	0.5	0.4	9.973	29.95	9.557
4/21/2016	8:44:10 :	89	96	109	0.5	0.4	10.512	29.95	10.069
4/21/2016	8:45:10 :	89	97	109	0.5	0.4	10.961	29.95	10.495
4/21/2016	8:46:10 :	90	97	110	0.5	0.4	11.403	29.95	10.914
4/21/2016	8:47:10 :	89	97	110	0.5	0.4	11.887	29.95	11.373
4/21/2016	8:48:10 :	89	98	110	0.5	0.4	12.349	29.95	11.81
4/21/2016	8:49:10 :	88	98	110	0.5	0.4	12.861	29.94	12.295
4/21/2016	8:50:10 :	90	98	111	0.5	0.4	13.405	29.94	12.81
4/21/2016	8:51:10 :	91	99	111	0.5	0.4	13.846	29.95	13.226
4/21/2016	8:52:10 :	93	99	112	0.5	0.4	14.277	29.94	13.633
4/21/2016	8:53:10 :	90	99	112	0.501	0.4	14.761	29.94	14.09
4/21/2016	8:54:10 :	91	100	113	0.499	0.4	15.255	29.94	14.557
4/21/2016	8:55:10 :	89	101	113	0.5	0.4	15.742	29.95	15.016
4/21/2016	8:56:10 :	89	101	112	0.5	0.4	16.264	29.95	15.507
4/21/2016	8:57:10 :	88	101	112	0.5	0.4	16.734	29.95	15.95
4/21/2016	8:58:10 :	86	102	111	0.5	0.4	17.156	29.96	16.347
4/21/2016	8:59:10 :	86	102	111	0.5	0.4	17.618	29.95	16.782
4/21/2016	9:00:10 :	85	102	111	0.5	0.4	18.15	29.95	17.282
4/21/2016	9:01:10 :	87	102	111	0.5	0.4	18.66	29.95	17.761
4/21/2016	9:02:10 :	87	103	111	0.5	0.4	19.147	29.95	18.22
4/21/2016	9:03:10 :	87	103	111	0.5	0.4	19.628	29.95	18.672

4/21/2016	9:04:10 :	88	103	112	0.5	0.4	20.054	29.95	19.071
4/21/2016	9:05:10 :	89	103	112	0.5	0.4	20.509	29.95	19.498
4/21/2016	9:06:10 :	89	103	112	0.5	0.4	21.046	29.95	20.002
4/21/2016	9:07:10 :	88	103	112	0.5	0.4	21.568	29.95	20.492
4/21/2016	9:08:10 :	89	104	112	0.5	0.4	22.021	29.95	20.917
4/21/2016	9:09:10 :	89	104	112	0.5	0.4	22.49	29.95	21.357
4/21/2016	9:10:10 :	89	104	112	0.5	0.4	22.956	29.95	21.794
4/21/2016	9:11:10 :	89	104	112	0.5	0.4	23.403	29.95	22.213
4/21/2016	9:12:10 :	90	104	112	0.501	0.4	23.921	29.95	22.698
4/21/2016	9:13:10 :	89	104	113	0.5	0.4	24.474	29.95	23.216
4/21/2016	9:14:10 :	89	104	113	0.5	0.4	24.934	29.95	23.647
4/21/2016	9:15:10 :	89	105	113	0.499	0.4	25.373	29.95	24.057
4/21/2016	9:16:10 :	90	105	113	0.5	0.4	25.86	29.95	24.514
4/21/2016	9:17:10 :	91	105	113	0.5	0.4	26.328	29.95	24.952
4/21/2016	9:18:10 :	92	105	113	0.5	0.4	26.831	29.95	25.422
4/21/2016	9:19:10 :	93	105	114	0.5	0.4	27.372	29.95	25.928
4/21/2016	9:20:10 :	94	105	114	0.499	0.4	27.834	29.95	26.36
4/21/2016	9:21:10 :	93	106	115	0.5	0.4	28.258	29.95	26.755
4/21/2016	9:22:10 :	92	106	115	0.5	0.4	28.73	29.95	27.196
4/21/2016	9:23:10 :	92	106	115	0.5	0.4	29.25	29.95	27.682
4/21/2016	9:24:10 :	93	106	115	0.5	0.4	29.75	29.95	28.149
4/21/2016	9:25:10 :	93	107	115	0.5	0.4	30.251	29.95	28.616
4/21/2016	9:26:10 :	91	107	115	0.501	0.4	30.742	29.95	29.074
4/21/2016	9:27:10 :	92	107	116	0.5	0.4	31.175	29.96	29.478
4/21/2016	9:28:10 :	90	107	116	0.5	0.4	31.63	29.95	29.901
4/21/2016	9:29:10 :	92	107	116	0.5	0.4	32.165	29.95	30.4
4/21/2016	9:30:10 :	91	108	116	0.5	0.4	32.688	29.96	30.887
4/21/2016	9:31:10 :	90	108	116	0.5	0.4	33.146	29.95	31.313
4/21/2016	9:32:10 :	92	108	116	0.5	0.4	33.617	29.95	31.752
4/21/2016	9:33:10 :	92	108	116	0.5	0.4	34.077	29.95	32.18
4/21/2016	9:34:10 :	92	108	116	0.5	0.4	34.532	29.95	32.603
4/21/2016	9:35:10 :	92	108	116	0.5	0.4	35.046	29.95	33.081
4/21/2016	9:36:10 :	93	108	116	0.5	0.4	35.595	29.96	33.592
4/21/2016	9:37:10 :	92	108	116	0.5	0.4	36.061	29.95	34.025
4/21/2016	9:38:10 :	92	109	117	0.5	0.4	36.504	29.95	34.437
4/21/2016	9:39:10 :	93	109	117	0.5	0.4	36.995	29.95	34.894
4/21/2016	9:40:10 :	92	109	117	0.5	0.4	37.457	29.95	35.323
4/21/2016	9:41:10 :	93	109	117	0.5	0.4	37.96	29.95	35.79
4/21/2016	9:42:10 :	94	109	117	0.5	0.4	38.501	29.95	36.292
4/21/2016	9:43:10 :	94	109	117	0.5	0.4	38.971	29.95	36.728
4/21/2016	9:44:10 :	92	109	117	0.5	0.4	39.391	29.95	37.118
4/21/2016	9:45:10 :	92	110	117	0.5	0.4	39.863	29.95	37.556
4/21/2016	9:46:10 :	93	110	117	0.5	0.4	40.381	29.95	38.036
4/21/2016	9:47:10 :	93	110	117	0.5	0.4	40.885	29.96	38.504
4/21/2016	9:48:10 :	94	110	118	0.5	0.4	41.388	29.95	38.971
4/21/2016	9:49:10 :	93	110	118	0.5	0.4	41.881	29.95	39.428
4/21/2016	9:50:10 :	93	110	118	0.5	0.4	42.314	29.95	39.829
4/21/2016	9:51:10 :	93	110	118	0.5	0.4	42.771	29.95	40.252
4/21/2016	9:52:10 :	92	110	118	0.5	0.4	43.308	29.96	40.75
4/21/2016	9:53:10 :	91	110	117	0.499	0.4	43.828	29.95	41.231
4/21/2016	9:54:10 :	92	111	118	0.5	0.4	44.289	29.95	41.658
4/21/2016	9:55:10 :	93	111	118	0.5	0.4	44.761	29.95	42.096
4/21/2016	9:56:10 :	93	111	118	0.5	0.4	45.229	29.95	42.529
4/21/2016	9:57:10 :	92	111	118	0.5	0.4	45.678	29.95	42.944
4/21/2016	9:58:10 :	92	111	118	0.5	0.4	46.195	29.95	43.423
4/21/2016	9:59:10 :	93	111	118	0.5	0.4	46.746	29.95	43.933
4/21/2016	10:00:10 :	93	111	118	0.5	0.4	47.216	29.95	44.368
4/21/2016	10:01:10 :	92	111	118	0.5	0.4	47.659	29.95	44.778
4/21/2016	10:02:10 :	93	111	118	0.5	0.4	48.146	29.95	45.228
4/21/2016	10:03:10 :	94	111	118	0.5	0.4	48.627	29.95	45.674

4/21/2016	10:04:10 :	92	111	118	0.5	0.4	49.12	29.95	46.13
4/21/2016	10:05:10 :	92	111	118	0.499	0.4	49.655	29.95	46.625
4/21/2016	10:06:10 :	93	111	118	0.5	0.4	50.131	29.95	47.065
4/21/2016	10:07:10 :	92	111	118	0.501	0.4	50.561	29.95	47.462
4/21/2016	10:08:10 :	93	111	118	0.5	0.4	51.023	29.95	47.89
4/21/2016	10:09:10 :	93	111	118	0.5	0.4	51.553	29.95	48.38
4/21/2016	10:10:10 :	94	111	118	0.501	0.4	52.071	29.95	48.859
4/21/2016	10:11:10 :	95	111	118	0.5	0.4	52.563	29.95	49.315
4/21/2016	10:12:10 :	94	111	118	0.5	0.4	53.054	29.95	49.769
4/21/2016	10:13:10 :	95	112	118	0.501	0.4	53.489	29.95	50.17
4/21/2016	10:14:10 :	95	112	118	0.5	0.4	53.94	29.95	50.587
4/21/2016	10:15:10 :	93	112	118	0.5	0.4	54.476	29.95	51.082
4/21/2016	10:16:10 :	94	112	118	0.5	0.4	55.008	29.95	51.574
4/21/2016	10:17:10 :	93	112	119	0.501	0.4	55.472	29.96	52.003
4/21/2016	10:18:10 :	93	112	119	0.5	0.4	55.927	29.95	52.424
4/21/2016	10:19:10 :	92	112	119	0.5	0.4	56.411	29.95	52.871
4/21/2016	10:20:10 :	93	112	119	0.5	0.4	56.883	29.95	53.307
4/21/2016	10:21:10 :	92	112	119	0.499	0.4	57.389	29.95	53.775
4/21/2016	10:22:10 :	94	112	119	0.5	0.4	57.95	29.95	54.293
4/21/2016	10:23:10 :	93	112	119	0.5	0.4	58.401	29.95	54.709
4/21/2016	10:24:10 :	93	112	119	0.5	0.4	58.832	29.96	55.107
4/21/2016	10:25:10 :	94	112	119	0.5	0.4	59.317	29.96	55.554
4/21/2016	10:26:10 :	94	112	119	0.5	0.4	59.815	29.96	56.015
4/21/2016	10:27:10 :	94	112	119	0.5	0.4	60.309	29.95	56.471
4/21/2016	10:28:10 :	93	112	119	0.5	0.4	60.827	29.95	56.949
4/21/2016	10:29:10 :	93	112	119	0.5	0.4	61.316	29.95	57.401
4/21/2016	10:30:10 :	93	112	119	0.5	0.4	61.757	29.95	57.808
4/21/2016	10:31:10 :	93	112	119	0.5	0.4	62.217	29.95	58.232
4/21/2016	10:32:10 :	92	112	119	0.5	0.4	62.759	29.95	58.733
4/21/2016	10:33:10 :	92	112	119	0.5	0.4	63.264	29.95	59.199
4/21/2016	10:34:10 :	93	112	119	0.5	0.4	63.739	29.95	59.637
4/21/2016	10:35:10 :	94	112	119	0.5	0.4	64.224	29.95	60.086
4/21/2016	10:36:10 :	94	112	119	0.5	0.4	64.68	29.96	60.507
4/21/2016	10:37:10 :	93	112	119	0.5	0.4	65.129	29.96	60.921
4/21/2016	10:38:10 :	93	112	119	0.501	0.4	65.653	29.96	61.405
4/21/2016	10:39:10 :	94	112	119	0.5	0.4	66.202	29.96	61.912
4/21/2016	10:40:10 :	94	112	119	0.5	0.4	66.664	29.96	62.339
4/21/2016	10:41:10 :	95	112	119	0.5	0.4	67.121	29.96	62.761
4/21/2016	10:42:10 :	94	112	119	0.5	0.4	67.609	29.96	63.212
4/21/2016	10:43:10 :	95	112	119	0.5	0.4	68.073	29.95	63.64
4/21/2016	10:44:10 :	94	112	119	0.5	0.4	68.582	29.95	64.11
4/21/2016	10:45:10 :	94	112	119	0.5	0.4	69.125	29.95	64.612
4/21/2016	10:46:10 :	96	112	119	0.5	0.4	69.595	29.95	65.045
4/21/2016	10:47:10 :	96	112	119	0.5	0.4	70.019	29.95	65.437
4/21/2016	10:49:19 :	92	111	117	0.196	0.3	70.357	29.89	65.749
4/21/2016	10:50:19 :	93	112	118	0.499	0.4	70.834	29.97	66.19
4/21/2016	10:51:19 :	92	112	118	0.5	0.4	71.355	29.97	66.671
4/21/2016	10:52:19 :	92	112	118	0.5	0.4	71.908	29.97	67.182
4/21/2016	10:53:19 :	93	112	118	0.5	0.4	72.389	29.97	67.626
4/21/2016	10:54:19 :	94	112	118	0.499	0.4	72.824	29.97	68.028
4/21/2016	10:55:19 :	93	112	118	0.501	0.4	73.302	29.97	68.469
4/21/2016	10:56:19 :	93	112	118	0.499	0.4	73.845	29.97	68.971
4/21/2016	10:57:19 :	94	112	118	0.502	0.4	74.371	29.97	69.457
4/21/2016	10:58:19 :	94	112	118	0.5	0.4	74.865	29.97	69.913
4/21/2016	10:59:19 :	93	112	119	0.5	0.4	75.355	29.97	70.367
4/21/2016	11:00:19 :	93	112	119	0.5	0.4	75.819	29.97	70.795
4/21/2016	11:01:19 :	93	112	119	0.5	0.4	76.275	29.98	71.216
4/21/2016	11:02:19 :	91	112	119	0.5	0.4	76.801	29.98	71.702
4/21/2016	11:03:19 :	92	112	119	0.5	0.4	77.368	29.98	72.226
4/21/2016	11:04:19 :	92	112	119	0.499	0.4	77.844	29.98	72.666

4/21/2016	11:05:19 :	93	112	119	0.499	0.4	78.294	29.98	73.082
4/21/2016	11:06:19 :	94	112	119	0.501	0.4	78.79	29.97	73.54
4/21/2016	11:07:19 :	94	112	119	0.5	0.4	79.289	29.97	74.002
4/21/2016	11:08:19 :	93	112	119	0.5	0.4	79.794	29.97	74.469
4/21/2016	11:09:19 :	92	112	119	0.5	0.4	80.318	29.97	74.953
4/21/2016	11:10:19 :	92	112	119	0.5	0.4	80.819	29.97	75.416
4/21/2016	11:11:19 :	91	112	119	0.5	0.4	81.272	29.97	75.835
4/21/2016	11:12:19 :	92	112	119	0.5	0.4	81.738	29.97	76.265
4/21/2016	11:13:19 :	93	112	119	0.5	0.4	82.283	29.97	76.769
4/21/2016	11:14:19 :	93	112	119	0.499	0.4	82.817	29.97	77.263
4/21/2016	11:15:19 :	93	112	118	0.499	0.4	83.283	29.97	77.694
4/21/2016	11:16:19 :	92	112	118	0.5	0.4	83.758	29.97	78.134
4/21/2016	11:17:19 :	93	112	118	0.5	0.4	84.247	29.97	78.586
4/21/2016	11:18:19 :	93	112	118	0.5	0.4	84.727	29.97	79.029
4/21/2016	11:19:19 :	93	112	118	0.5	0.4	85.243	29.97	79.506
4/21/2016	11:20:19 :	94	112	118	0.5	0.4	85.802	29.97	80.023
4/21/2016	11:21:19 :	94	112	118	0.5	0.4	86.272	29.97	80.458
4/21/2016	11:22:19 :	94	112	118	0.5	0.4	86.703	29.97	80.856
4/21/2016	11:23:19 :	94	112	118	0.5	0.4	87.188	29.97	81.304
4/21/2016	11:24:19 :	94	112	118	0.5	0.4	87.712	29.97	81.789
4/21/2016	11:25:19 :	94	112	118	0.5	0.4	88.24	29.97	82.277
4/21/2016	11:26:19 :	94	112	119	0.5	0.4	88.744	29.98	82.744
4/21/2016	11:27:19 :	94	112	119	0.5	0.4	89.245	29.98	83.207
4/21/2016	11:28:19 :	94	112	119	0.5	0.4	89.694	29.98	83.623
4/21/2016	11:29:19 :	92	112	118	0.5	0.4	90.15	29.98	84.044
4/21/2016	11:30:19 :	93	112	118	0.5	0.4	90.688	29.98	84.542
4/21/2016	11:31:19 :	94	112	118	0.5	0.4	91.241	29.98	85.053
4/21/2016	11:32:19 :	95	112	119	0.5	0.4	91.715	29.98	85.492
4/21/2016	11:33:19 :	96	112	119	0.5	0.4	92.177	29.98	85.919
4/21/2016	11:34:19 :	96	112	119	0.5	0.4	92.678	29.98	86.382
4/21/2016	11:35:19 :	95	112	119	0.5	0.4	93.156	29.97	86.825
4/21/2016	11:36:19 :	95	112	119	0.5	0.4	93.665	29.97	87.295
4/21/2016	11:37:19 :	97	112	119	0.5	0.4	94.21	29.97	87.799
4/21/2016	11:38:19 :	97	112	119	0.5	0.4	94.698	29.97	88.25
4/21/2016	11:39:19 :	96	112	119	0.5	0.4	95.141	29.98	88.66
4/21/2016	11:40:19 :	97	112	119	0.5	0.4	95.62	29.98	89.103
4/21/2016	11:41:19 :	97	112	119	0.5	0.4	96.167	29.97	89.609
4/21/2016	11:42:19 :	96	112	119	0.5	0.4	96.686	29.97	90.088
4/21/2016	11:43:19 :	93	112	119	0.5	0.4	97.169	29.97	90.535
4/21/2016	11:44:19 :	94	112	119	0.5	0.4	97.652	29.98	90.983
4/21/2016	11:45:19 :	94	112	119	0.5	0.4	98.127	29.98	91.422
4/21/2016	11:46:19 :	94	112	119	0.5	0.4	98.59	29.97	91.85
4/21/2016	11:47:19 :	95	112	119	0.5	0.4	99.119	29.97	92.339
4/21/2016	11:48:19 :	96	112	119	0.5	0.4	99.688	29.97	92.865
4/21/2016	11:49:19 :	96	112	119	0.5	0.4	100.15	29.97	93.292
4/21/2016	11:50:19 :	95	112	119	0.5	0.4	100.595	29.97	93.703
4/21/2016	11:51:19 :	94	112	119	0.5	0.4	101.086	29.97	94.157
4/21/2016	11:52:19 :	94	112	119	0.5	0.4	101.599	29.97	94.632
4/21/2016	11:53:19 :	95	112	119	0.5	0.4	102.106	29.97	95.101
4/21/2016	11:54:19 :	94	112	119	0.5	0.4	102.632	29.97	95.588
4/21/2016	11:55:19 :	93	112	119	0.5	0.4	103.137	29.97	96.055
4/21/2016	11:56:19 :	93	112	119	0.5	0.4	103.58	29.97	96.464
4/21/2016	11:57:19 :	94	112	119	0.5	0.4	104.042	29.97	96.891
4/21/2016	11:58:19 :	95	112	119	0.5	0.4	104.586	29.97	97.394
4/21/2016	11:59:19 :	95	112	119	0.5	0.4	105.133	29.97	97.9
4/21/2016	12:00:19 :	97	112	119	0.5	0.4	105.601	29.97	98.332
4/21/2016	12:01:19 :	97	112	119	0.5	0.4	106.067	29.97	98.763
4/21/2016	12:02:19 :	98	112	119	0.5	0.4	106.569	29.97	99.228
4/21/2016	12:03:19 :	97	112	119	0.5	0.4	107.045	29.97	99.668
4/21/2016	12:04:19 :	97	112	119	0.5	0.4	107.561	29.97	100.145

4/21/2016	12:05:19 :	97	112	120	0.5	0.4	108.114	29.97	100.656
4/21/2016	12:06:19 :	97	112	120	0.5	0.4	108.597	29.96	101.103
4/21/2016	12:07:19 :	96	112	120	0.5	0.4	109.034	29.96	101.506
4/21/2016	12:08:19 :	97	112	120	0.501	0.4	109.514	29.96	101.95
4/21/2016	12:09:19 :	95	112	120	0.5	0.4	110.067	29.96	102.461
4/21/2016	12:10:19 :	95	112	120	0.5	0.4	110.581	29.97	102.935
4/21/2016	12:11:19 :	97	112	120	0.5	0.4	111.073	29.97	103.39
4/21/2016	12:12:19 :	96	112	120	0.5	0.4	111.563	29.97	103.843
4/21/2016	12:13:19 :	95	112	120	0.501	0.4	112.035	29.97	104.279
4/21/2016	12:14:19 :	94	112	120	0.5	0.4	112.493	29.97	104.702
4/21/2016	12:15:19 :	94	112	120	0.5	0.4	113.025	29.97	105.194
4/21/2016	12:16:19 :	93	112	120	0.5	0.4	113.592	29.97	105.717
4/21/2016	12:17:19 :	94	112	120	0.499	0.4	114.058	29.97	106.148
4/21/2016	12:18:19 :	94	112	120	0.5	0.4	114.504	29.97	106.559
4/21/2016	12:19:19 :	95	112	120	0.5	0.4	114.998	29.97	107.016
4/21/2016	12:20:19 :	96	112	120	0.499	0.4	115.506	29.96	107.485
4/21/2016	12:21:19 :	95	112	120	0.502	0.4	116.02	29.96	107.96
4/21/2016	12:22:19 :	96	112	120	0.503	0.4	116.54	29.96	108.441
4/21/2016	12:23:19 :	95	112	120	0.5	0.4	117.046	29.96	108.908
4/21/2016	12:23:21 :	95	112	120	0.5	0.4	117.066	29.96	108.926

'

'---------- LOGGED EVENTS ----------
04/21/16 08:22:11: Test START
04/21/16 10:48:20: Return from power failure
04/21/16 12:23:21: Actual Sampling Time: 0d 4h 0m 0s
04/21/16 12:23:21: Test END
Sample A: POST-Leak Test PASSED with minimal vacuum of 5 inHg
' NOTE: Post_Leak Test Side B Not tested
' *ALARMS LEGEND
'A - Not Used
'B - Not Used
'C - Not Used
'D - Current Loop failure for External FLOW Input
'E - Current Loop failure for External MOISTURE Input
'F - Modbus inactivity timeout
'G - Unable to maintain proportional flow for A
'H - Unable to maintain proportional flow for B
'I - High Vac-A
'J - High Vac-B
'K - Not Used
'L - Trap Temperature Out of Range
'M - Probe Temperature Out of Range
'N - Chiller Temperature Out of Range
'O - Sample Line Temperature Out of Range
'P - Console Returned from power failure
'---------- END OF ALARM LEDGENDS ----------

'---------- CONSOLE INFO ----------
' Console Name: 3210 - Ambient Air Services
' Console ID: XC30B-3210
' DAC Board ID: 3332-3130-202D-2041
'Dry Gas Meter-A ID/Gamma: 1901990 / 1.0018
'Dry Gas Meter-B ID/Gamma: 1902001 / 0.9959
' DGM cm3/Pulse: 1.93

' RTC ROM ID: 738D-014B-0000-008D
'------ SOFTWARE AND FIRMWARE VERSIONS USED FOR THIS DATA EXPORT ----------
' Software-Firmware Ver: 0320e-116
'

Configuration File: Cuba HCL 042216 Day Run 5.pro
File Exported: 4/29/2016 8:32:48 PM (PC Time).
Company Name: Cuba HCL

Sample A: PRE-Leak Test PASSED at Maximum vacuum

' Pre_Leak Test Side B Not tested

Run D5

Trap ID-A: 042216
Trap ID-B: na

Test Duration (Planned): 0d 4h 0m
Test Duration (Actual) : 0d 4h 43m
Averaging Period : 1 min.

	Stack F	DGM-A F	Console F	MAS-A LPM	VAC-A in-Hg	DGM-A (L) Corr-Vol	Baro in-Hg	STD Vol_A
AVERAGES AND TEST SUMMARIES	**80**	**91.6**	**98.3**	**0.499**	**0.4**	**116.374**	**29.98**	**111.707**
4/22/2016 10:53:09 :	83	94	98	0	0	0	30.01	0
4/22/2016 10:54:08 :	83	94	98	0.551	0.5	0.497	30.01	0.475
4/22/2016 10:55:08 :	83	93	98	0.5	0.4	1.035	30.01	0.99
4/22/2016 10:56:08 :	83	93	98	0.5	0.4	1.559	30.01	1.492
4/22/2016 10:57:08 :	83	93	98	0.502	0.4	2.017	30.01	1.931
4/22/2016 10:58:08 :	83	93	98	0.503	0.4	2.494	30.01	2.389
4/22/2016 10:59:08 :	83	93	99	0.502	0.4	2.966	30.01	2.841
4/22/2016 11:00:08 :	85	93	99	0.501	0.4	3.432	30.01	3.287
4/22/2016 11:01:08 :	85	93	99	0.5	0.4	3.952	30.01	3.784
4/22/2016 11:02:08 :	84	93	99	0.499	0.4	4.513	30.01	4.322
4/22/2016 11:03:08 :	83	93	99	0.5	0.4	4.965	30.01	4.754
4/22/2016 11:04:08 :	84	93	99	0.5	0.4	5.404	30.02	5.174
4/22/2016 11:05:08 :	84	93	99	0.5	0.4	5.894	30.02	5.643
4/22/2016 11:06:08 :	84	93	99	0.5	0.4	6.392	30.02	6.121
4/22/2016 11:07:08 :	84	93	99	0.5	0.4	6.887	30.02	6.595
4/22/2016 11:08:08 :	84	93	99	0.5	0.4	7.415	30.02	7.101
4/22/2016 11:09:08 :	83	93	99	0.5	0.4	7.898	30.02	7.563
4/22/2016 11:10:08 :	83	93	99	0.499	0.4	8.331	30.02	7.977
4/22/2016 11:11:08 :	83	93	100	0.5	0.4	8.798	30.02	8.424
4/22/2016 11:12:08 :	83	93	100	0.499	0.4	9.343	30.02	8.946
4/22/2016 11:13:08 :	83	93	100	0.5	0.4	9.853	30.02	9.435
4/22/2016 11:14:08 :	83	93	100	0.5	0.4	10.329	30.01	9.89
4/22/2016 11:15:08 :	83	94	100	0.499	0.4	10.813	30.01	10.354
4/22/2016 11:16:08 :	83	94	100	0.5	0.4	11.272	30.01	10.793
4/22/2016 11:17:08 :	82	94	100	0.5	0.4	11.719	30.02	11.22
4/22/2016 11:18:08 :	82	94	100	0.5	0.4	12.249	30.01	11.727
4/22/2016 11:19:08 :	83	94	100	0.5	0.4	12.802	30.01	12.256
4/22/2016 11:20:08 :	82	94	101	0.5	0.4	13.273	30.01	12.706
4/22/2016 11:21:08 :	82	94	101	0.5	0.4	13.716	30.01	13.13
4/22/2016 11:22:08 :	82	94	101	0.5	0.4	14.21	30.01	13.602
4/22/2016 11:23:08 :	81	94	101	0.5	0.4	14.682	30.01	14.054
4/22/2016 11:24:08 :	81	94	101	0.5	0.4	15.187	30.01	14.537
4/22/2016 11:25:08 :	82	94	101	0.5	0.4	15.732	30.01	15.059
4/22/2016 11:26:08 :	81	94	101	0.5	0.4	16.206	30.01	15.512
4/22/2016 11:27:08 :	81	94	101	0.5	0.4	16.632	30.01	15.919
4/22/2016 11:28:08 :	81	94	101	0.5	0.4	17.102	30.01	16.368
4/22/2016 11:29:08 :	82	94	101	0.5	0.4	17.641	30.01	16.884
4/22/2016 11:30:08 :	82	94	101	0.5	0.4	18.16	30.01	17.38
4/22/2016 11:31:08 :	81	94	101	0.5	0.4	18.655	30.01	17.853
4/22/2016 11:32:08 :	82	94	101	0.5	0.4	19.141	30.01	18.319
4/22/2016 11:33:08 :	81	94	101	0.5	0.4	19.588	30.01	18.746
4/22/2016 11:34:08 :	82	94	101	0.5	0.4	20.035	30.01	19.174

4/22/2016	11:35:08 :	81	94	101	0.5	0.4	20.572	30	19.687
4/22/2016	11:36:08 :	81	94	101	0.5	0.4	21.114	30	20.204
4/22/2016	11:37:08 :	81	94	101	0.5	0.4	21.574	30	20.644
4/22/2016	11:38:08 :	81	94	101	0.5	0.4	22.028	30	21.077
4/22/2016	11:39:08 :	81	94	101	0.5	0.4	22.521	30	21.549
4/22/2016	11:40:08 :	81	94	101	0.5	0.4	22.989	30	21.996
4/22/2016	11:41:08 :	81	94	101	0.5	0.4	23.505	30	22.489
4/22/2016	11:42:08 :	81	94	101	0.5	0.4	24.056	30	23.015
4/22/2016	11:43:08 :	81	94	101	0.499	0.4	24.518	30	23.456
4/22/2016	11:44:08 :	81	94	101	0.5	0.4	24.938	30	23.857
4/22/2016	11:45:08 :	81	94	101	0.5	0.4	25.424	30	24.321
4/22/2016	11:46:08 :	81	94	101	0.5	0.4	25.94	30	24.814
4/22/2016	11:47:08 :	81	94	101	0.5	0.4	26.447	30	25.298
4/22/2016	11:48:08 :	81	94	101	0.5	0.4	26.952	30	25.782
4/22/2016	11:49:08 :	81	94	101	0.5	0.4	27.447	30	26.254
4/22/2016	11:50:08 :	81	94	101	0.5	0.4	27.877	30	26.665
4/22/2016	11:51:08 :	81	94	101	0.5	0.4	28.341	30	27.108
4/22/2016	11:52:08 :	81	94	101	0.5	0.4	28.884	30	27.626
4/22/2016	11:53:08 :	81	94	101	0.5	0.4	29.414	29.99	28.132
4/22/2016	11:54:08 :	81	94	101	0.5	0.4	29.874	29.99	28.571
4/22/2016	11:55:08 :	81	94	101	0.5	0.4	30.342	30	29.018
4/22/2016	11:56:08 :	81	94	101	0.5	0.4	30.817	30	29.473
4/22/2016	11:57:08 :	81	94	101	0.5	0.4	31.281	30	29.916
4/22/2016	11:58:08 :	81	94	101	0.5	0.4	31.802	30	30.413
4/22/2016	11:59:08 :	81	94	101	0.5	0.4	32.374	30	30.959
4/22/2016	12:00:08 :	81	94	101	0.5	0.4	32.813	30	31.379
4/22/2016	12:01:08 :	81	94	101	0.5	0.4	33.25	30	31.796
4/22/2016	12:02:08 :	81	94	101	0.5	0.4	33.739	30	32.263
4/22/2016	12:03:08 :	81	94	101	0.5	0.4	34.237	30	32.738
4/22/2016	12:04:08 :	81	94	101	0.5	0.4	34.738	30	33.218
4/22/2016	12:05:08 :	81	94	101	0.5	0.4	35.262	30	33.718
4/22/2016	12:06:08 :	81	94	101	0.5	0.4	35.746	30	34.18
4/22/2016	12:07:08 :	81	94	101	0.499	0.4	36.191	30	34.605
4/22/2016	12:08:08 :	81	94	101	0.5	0.4	36.651	30	35.044
4/22/2016	12:09:08 :	81	94	101	0.5	0.4	37.2	30	35.569
4/22/2016	12:10:08 :	81	94	101	0.5	0.4	37.707	30	36.053
4/22/2016	12:11:08 :	81	94	101	0.5	0.4	38.183	30	36.507
4/22/2016	12:12:08 :	81	94	101	0.5	0.4	38.663	30	36.967
4/22/2016	12:13:08 :	81	94	101	0.5	0.4	39.122	30	37.405
4/22/2016	12:14:08 :	81	94	101	0.5	0.4	39.578	30	37.84
4/22/2016	12:15:08 :	81	94	101	0.5	0.4	40.104	30	38.343
4/22/2016	12:16:08 :	81	94	101	0.5	0.4	40.659	30.01	38.873
4/22/2016	12:17:08 :	81	94	101	0.5	0.4	41.129	30.01	39.322
4/22/2016	12:18:08 :	81	94	101	0.5	0.4	41.572	30.01	39.745
4/22/2016	12:19:08 :	81	94	101	0.502	0.4	42.065	30.01	40.216
4/22/2016	12:20:08 :	81	94	101	0.499	0.4	42.55	30	40.68
4/22/2016	12:21:08 :	81	94	101	0.501	0.4	43.05	30	41.158
4/22/2016	12:22:08 :	81	94	101	0.503	0.4	43.588	30	41.671
4/22/2016	12:23:08 :	81	94	101	0.501	0.4	44.066	30	42.128
4/22/2016	12:24:08 :	81	94	101	0.501	0.4	44.491	30	42.534
4/22/2016	12:25:08 :	81	94	101	0.501	0.4	44.961	30	42.982
4/22/2016	12:26:08 :	81	94	101	0.499	0.4	45.503	30	43.5
4/22/2016	12:27:08 :	81	94	101	0.502	0.4	46.023	30	43.997
4/22/2016	12:28:08 :	81	94	101	0.5	0.4	46.508	30	44.46
4/22/2016	12:29:08 :	81	94	101	0.498	0.4	46.991	30	44.922
4/22/2016	12:30:08 :	81	94	101	0.5	0.4	47.443	30	45.354
4/22/2016	12:31:08 :	81	94	101	0.503	0.4	47.898	30	45.788
4/22/2016	12:32:08 :	81	94	101	0.5	0.4	48.434	30	46.3
4/22/2016	12:33:08 :	81	94	101	0.5	0.4	48.979	30	46.821
4/22/2016	12:34:08 :	81	94	101	0.504	0.4	49.447	30	47.267
4/22/2016	12:35:08 :	81	94	101	0.5	0.4	49.899	30	47.699

4/22/2016	12:36:08 :	81	94	101	0.499	0.4	50.391	30	48.169
4/22/2016	12:37:08 :	81	94	101	0.503	0.4	50.862	30	48.62
4/22/2016	12:38:08 :	81	94	102	0.502	0.4	51.378	30	49.112
4/22/2016	12:39:08 :	81	94	102	0.501	0.4	51.923	30	49.633
4/22/2016	12:40:08 :	80	94	102	0.502	0.4	52.389	30	50.078
4/22/2016	12:41:08 :	80	94	102	0.501	0.4	52.815	30	50.484
4/22/2016	12:42:08 :	80	94	102	0.498	0.4	53.287	30	50.935
4/22/2016	12:43:08 :	80	95	102	0.505	0.4	53.824	30	51.447
4/22/2016	12:44:08 :	80	94	102	0.499	0.4	54.346	30	51.946
4/22/2016	12:45:08 :	81	94	102	0.5	0.4	54.842	30	52.419
4/22/2016	12:46:08 :	81	95	102	0.5	0.4	55.33	30	52.886
4/22/2016	12:47:08 :	81	95	102	0.497	0.4	55.767	30	53.303
4/22/2016	12:48:08 :	80	95	102	0.501	0.4	56.22	30	53.735
4/22/2016	12:49:08 :	80	95	102	0.501	0.4	56.763	30	54.253
4/22/2016	12:50:08 :	80	95	102	0.501	0.4	57.304	30	54.769
4/22/2016	12:51:08 :	79	95	102	0.498	0.4	57.763	30	55.207
4/22/2016	12:52:08 :	80	95	102	0.5	0.4	58.219	30	55.642
4/22/2016	12:53:08 :	80	95	102	0.5	0.4	58.711	30	56.113
4/22/2016	12:54:08 :	81	95	102	0.502	0.4	59.181	30.01	56.561
4/22/2016	12:55:08 :	80	95	102	0.504	0.4	59.703	30.01	57.059
4/22/2016	12:56:08 :	81	95	102	0.499	0.4	60.255	30.01	57.586
4/22/2016	12:57:08 :	81	95	102	0.5	0.4	60.723	30.01	58.033
4/22/2016	12:58:08 :	81	95	102	0.5	0.4	61.144	30.01	58.434
4/22/2016	12:59:08 :	81	95	102	0.503	0.4	61.626	30.01	58.894
4/22/2016	13:00:08 :	81	95	102	0.499	0.4	62.15	30.01	59.394
4/22/2016	13:01:08 :	81	95	102	0.502	0.4	62.666	30.01	59.887
4/22/2016	13:02:08 :	81	95	102	0.5	0.4	63.173	30.01	60.371
4/22/2016	13:03:08 :	81	95	102	0.5	0.4	63.665	30	60.841
4/22/2016	13:04:08 :	81	95	102	0.5	0.4	64.1	30	61.256
4/22/2016	13:05:08 :	81	95	102	0.5	0.4	64.553	30	61.688
4/22/2016	13:06:08 :	82	95	102	0.5	0.4	65.096	30	62.206
4/22/2016	13:07:08 :	81	95	102	0.501	0.4	65.632	30	62.718
4/22/2016	13:08:08 :	81	95	102	0.498	0.4	66.09	30.01	63.155
4/22/2016	13:09:08 :	81	95	102	0.5	0.4	66.551	30.01	63.595
4/22/2016	13:10:08 :	81	95	102	0.501	0.4	67.033	30.01	64.056
4/22/2016	13:11:08 :	81	95	102	0.501	0.4	67.509	30.01	64.51
4/22/2016	13:12:08 :	80	95	102	0.5	0.4	68.025	30.01	65.002
4/22/2016	13:13:08 :	80	95	102	0.5	0.4	68.586	30.01	65.538
4/22/2016	13:14:08 :	80	95	102	0.5	0.4	69.037	30.01	65.968
4/22/2016	13:15:08 :	80	95	102	0.5	0.4	69.466	30.01	66.378
4/22/2016	13:16:08 :	79	95	102	0.5	0.4	69.951	30.01	66.84
4/22/2016	13:17:08 :	79	95	101	0.499	0.4	70.46	30.01	67.326
4/22/2016	13:18:08 :	79	95	101	0.497	0.4	70.963	30.01	67.806
4/22/2016	13:19:08 :	78	95	101	0.505	0.4	71.478	30.01	68.299
4/22/2016	13:20:08 :	78	95	101	0.498	0.4	71.967	30.01	68.765
4/22/2016	13:21:08 :	78	95	101	0.504	0.4	72.414	30.01	69.192
4/22/2016	14:05:01 :	72	84	81	0.237	0.3	72.73	29.92	69.498
4/22/2016	14:06:01 :	73	84	82	0.499	0.5	73.227	29.99	69.982
4/22/2016	14:07:01 :	73	85	83	0.5	0.5	73.719	29.99	70.461
4/22/2016	14:08:01 :	74	85	84	0.498	0.5	74.233	30	70.96
4/22/2016	14:09:01 :	75	85	84	0.499	0.5	74.707	30	71.42
4/22/2016	14:10:01 :	75	85	85	0.5	0.5	75.133	30	71.834
4/22/2016	14:11:01 :	75	85	86	0.5	0.5	75.589	29.99	72.277
4/22/2016	14:12:01 :	75	85	86	0.498	0.5	76.123	29.99	72.796
4/22/2016	14:13:01 :	75	85	87	0.505	0.5	76.639	29.99	73.297
4/22/2016	14:14:01 :	75	85	87	0.494	0.4	77.115	29.99	73.759
4/22/2016	14:15:01 :	75	85	88	0.5	0.4	77.594	29.98	74.225
4/22/2016	14:16:01 :	75	85	88	0.504	0.5	78.023	29.99	74.642
4/22/2016	14:17:01 :	76	85	88	0.5	0.4	78.472	29.98	75.078
4/22/2016	14:18:01 :	76	85	89	0.5	0.4	79.008	29.98	75.598
4/22/2016	14:19:01 :	75	85	89	0.499	0.4	79.526	29.98	76.101

4/22/2016	14:20:01 :	75	85	89	0.5	0.4	79.975	29.98	76.537
4/22/2016	14:21:01 :	76	85	89	0.5	0.4	80.439	29.98	76.987
4/22/2016	14:22:01 :	75	85	89	0.5	0.4	80.892	29.98	77.428
4/22/2016	14:23:01 :	75	85	90	0.5	0.4	81.337	29.98	77.86
4/22/2016	14:24:01 :	75	85	90	0.5	0.4	81.855	29.98	78.363
4/22/2016	14:25:01 :	75	85	90	0.501	0.4	82.397	29.97	78.889
4/22/2016	14:26:01 :	75	85	91	0.5	0.4	82.846	29.98	79.325
4/22/2016	14:27:01 :	75	85	91	0.5	0.4	83.279	29.97	79.745
4/22/2016	14:28:01 :	76	85	91	0.5	0.4	83.758	29.97	80.211
4/22/2016	14:29:01 :	75	85	91	0.5	0.4	84.222	29.97	80.661
4/22/2016	14:30:01 :	76	85	91	0.501	0.4	84.73	29.97	81.154
4/22/2016	14:31:01 :	76	85	91	0.5	0.4	85.278	29.96	81.686
4/22/2016	14:32:01 :	76	85	92	0.5	0.4	85.713	29.97	82.108
4/22/2016	14:33:01 :	76	85	92	0.5	0.4	86.14	29.96	82.522
4/22/2016	14:34:01 :	76	85	92	0.5	0.4	86.622	29.96	82.99
4/22/2016	14:35:01 :	76	85	92	0.5	0.4	87.105	29.96	83.459
4/22/2016	14:36:01 :	76	85	92	0.5	0.4	87.592	29.95	83.931
4/22/2016	14:37:01 :	76	85	92	0.5	0.4	88.124	29.96	84.447
4/22/2016	14:38:01 :	77	85	92	0.5	0.4	88.586	29.95	84.895
4/22/2016	14:39:01 :	78	85	93	0.501	0.4	88.996	29.95	85.292
4/22/2016	14:40:01 :	78	85	93	0.5	0.4	89.464	29.95	85.745
4/22/2016	14:41:01 :	78	85	93	0.5	0.4	89.98	29.94	86.245
4/22/2016	14:42:01 :	79	85	93	0.5	0.4	90.477	29.94	86.727
4/22/2016	14:43:01 :	78	85	93	0.5	0.4	90.971	29.94	87.206
4/22/2016	14:44:01 :	78	86	93	0.5	0.4	91.451	29.94	87.671
4/22/2016	14:45:01 :	77	86	93	0.5	0.4	91.882	29.94	88.088
4/22/2016	14:46:01 :	77	86	94	0.5	0.4	92.335	29.94	88.526
4/22/2016	14:47:01 :	77	86	94	0.5	0.4	92.869	29.94	89.043
4/22/2016	14:48:01 :	78	86	94	0.5	0.4	93.37	29.93	89.527
4/22/2016	14:49:01 :	77	86	94	0.5	0.4	93.847	29.93	89.989
4/22/2016	14:50:01 :	77	86	94	0.5	0.4	94.318	29.93	90.446
4/22/2016	14:51:01 :	77	86	94	0.501	0.4	94.759	29.93	90.872
4/22/2016	14:52:01 :	77	86	94	0.5	0.4	95.198	29.92	91.296
4/22/2016	14:53:01 :	77	86	94	0.501	0.4	95.734	29.92	91.814
4/22/2016	14:54:01 :	77	86	94	0.5	0.4	96.264	29.92	92.326
4/22/2016	14:55:01 :	77	86	94	0.5	0.4	96.705	29.93	92.752
4/22/2016	14:56:01 :	77	86	95	0.5	0.4	97.163	29.92	93.195
4/22/2016	14:57:01 :	78	87	95	0.5	0.4	97.63	29.92	93.646
4/22/2016	14:58:01 :	77	87	95	0.5	0.4	98.081	29.92	94.081
4/22/2016	14:59:01 :	77	87	95	0.5	0.4	98.595	29.92	94.578
4/22/2016	15:00:01 :	77	87	95	0.5	0.4	99.141	29.92	95.105
4/22/2016	15:01:01 :	77	87	95	0.5	0.4	99.597	29.92	95.545
4/22/2016	15:02:01 :	77	87	95	0.5	0.4	100.029	29.91	95.961
4/22/2016	15:03:01 :	77	87	95	0.5	0.4	100.512	29.91	96.427
4/22/2016	15:04:01 :	77	87	95	0.5	0.4	100.971	29.91	96.871
4/22/2016	15:05:01 :	78	87	95	0.5	0.4	101.48	29.91	97.362
4/22/2016	15:06:01 :	78	87	95	0.5	0.4	102.019	29.91	97.882
4/22/2016	15:07:01 :	78	87	95	0.5	0.4	102.476	29.91	98.322
4/22/2016	15:08:01 :	77	87	95	0.499	0.4	102.88	29.92	98.712
4/22/2016	15:09:01 :	77	87	95	0.5	0.4	103.358	29.92	99.173
4/22/2016	15:10:01 :	77	87	95	0.5	0.4	103.857	29.92	99.654
4/22/2016	15:11:01 :	78	87	95	0.5	0.4	104.336	29.92	100.117
4/22/2016	15:12:01 :	78	87	95	0.5	0.4	104.856	29.92	100.618
4/22/2016	15:13:01 :	79	87	96	0.5	0.4	105.328	29.92	101.073
4/22/2016	15:14:01 :	78	88	96	0.5	0.4	105.742	29.92	101.472
4/22/2016	15:15:01 :	78	88	96	0.5	0.4	106.2	29.92	101.913
4/22/2016	15:16:01 :	78	88	96	0.5	0.4	106.73	29.93	102.424
4/22/2016	15:17:01 :	78	88	96	0.499	0.4	107.244	29.93	102.92
4/22/2016	15:18:01 :	79	88	96	0.5	0.4	107.726	29.93	103.384
4/22/2016	15:19:01 :	78	88	96	0.499	0.4	108.205	29.93	103.847
4/22/2016	15:20:01 :	78	88	96	0.5	0.4	108.626	29.93	104.252

4/22/2016	15:21:01 :	79	88	96	0.5	0.4	109.077	29.94	104.686
4/22/2016	15:22:01 :	79	88	97	0.5	0.4	109.616	29.93	105.205
4/22/2016	15:23:01 :	79	88	97	0.5	0.4	110.137	29.93	105.707
4/22/2016	15:24:01 :	78	88	97	0.5	0.4	110.583	29.93	106.136
4/22/2016	15:25:01 :	78	88	97	0.5	0.4	111.053	29.93	106.589
4/22/2016	15:26:01 :	78	89	97	0.501	0.4	111.509	29.93	107.028
4/22/2016	15:27:01 :	78	89	97	0.5	0.4	111.952	29.93	107.454
4/22/2016	15:28:01 :	78	89	97	0.5	0.4	112.474	29.93	107.956
4/22/2016	15:29:01 :	78	89	97	0.5	0.4	113.019	29.93	108.481
4/22/2016	15:30:01 :	78	89	97	0.5	0.4	113.462	29.93	108.907
4/22/2016	15:31:01 :	78	89	97	0.5	0.4	113.903	29.94	109.331
4/22/2016	15:32:01 :	78	89	97	0.5	0.4	114.387	29.94	109.796
4/22/2016	15:33:01 :	78	89	97	0.5	0.4	114.854	29.94	110.246
4/22/2016	15:34:01 :	78	89	97	0.5	0.4	115.362	29.93	110.734
4/22/2016	15:35:01 :	78	89	98	0.5	0.4	115.913	29.93	111.264
4/22/2016	15:36:01 :	78	89	98	0.5	0.4	116.356	29.93	111.689
4/22/2016	15:36:03 :	78	89	98	0.5	0.4	116.374	29.93	111.707

'

'------------------------- LOGGED EVENTS ---------------------------------
04/22/16 10:53:09: Test START
04/22/16 14:04:02: Return from power failure
04/22/16 15:36:03: Actual Sampling Time: 0d 4h 0m 0s
04/22/16 15:36:03: Test END
04/25/16 16:30:21: New Trap Temperature: set to = 250F
04/25/16 17:22:05: New Trap Temperature: set to = 250F
Sample A: POST-Leak Test PASSED with minimal vacuum of 5 inHg
' NOTE: Post_Leak Test Side B Not tested
' *ALARMS LEGEND
'A - Not Used
'B - Not Used
'C - Not Used
'D - Current Loop failure for External FLOW Input
'E - Current Loop failure for External MOISTURE Input
'F - Modbus inactivity timeout
'G - Unable to maintain proportional flow for A
'H - Unable to maintain proportional flow for B
'I - High Vac-A
'J - High Vac-B
'K - Not Used
'L - Trap Temperature Out of Range
'M - Probe Temperature Out of Range
'N - Chiller Temperature Out of Range
'O - Sample Line Temperature Out of Range
'P - Console Returned from power failure
'------------------------ END OF ALARM LEDGENDS ----------------------------

'---------------------------- CONSOLE INFO ---------------------------------
' Console Name: 3210 - Ambient Air Services
' Console ID: XC30B-3210
' DAC Board ID: 3332-3130-202D-2041
'Dry Gas Meter-A ID/Gamma: 1901990 / 1.0018
'Dry Gas Meter-B ID/Gamma: 1902001 / 0.9959
' DGM cm3/Pulse: 1.93

' RTC ROM ID: 738D-014B-0000-008D
'------ SOFTWARE AND FIRMWARE VERSIONS USED FOR THIS DATA EXPORT -----------
' Software-Firmware Ver: 0320e-116
'

Configuration File: Cuba HCL 042516 Night Run 1.pro
File Exported: 4/29/2016 8:32:57 PM (PC Time).
Company Name: Cuba HCL

Sample A: PRE-Leak Test PASSED at Maximum vacuum

' Pre_Leak Test Side B Not tested

Run N1

Trap ID-A: side a
Trap ID-B: na

Test Duration (Planned): 0d 4h 0m
Test Duration (Actual) : 0d 4h 32m
Averaging Period : 1 min.

		Stack F	DGM-A F	Console F	MAS-A LPM	VAC-A in-Hg	DGM-A (L) Corr-Vol	Baro in-Hg	STD Vol_A
AVERAGES AND TEST SUMMARIES		**82.7**	**96.9**	**103.6**	**0.499**	**0.4**	**115.266**	**29.86**	**109.155**
4/25/2016	17:23:24 :	88	102	107	0	0	0	29.82	0
4/25/2016	17:23:29 :User Paus	89	102	108	0.678	1.6	0.031	29.82	0.029
4/25/2016	17:55:15 :Resumed	88	102	108	0	0	0.031	29.83	0.029
4/25/2016	17:56:14 :	87	101	108	0.525	2.4	0.536	29.83	0.503
4/25/2016	17:57:14 :	87	101	109	0.5	2.6	0.996	29.83	0.935
4/25/2016	17:58:14 :	87	101	108	0.5	2.9	1.499	29.83	1.407
4/25/2016	17:59:14 :	87	101	108	0.5	3	2.048	29.83	1.922
4/25/2016	18:00:14 :	87	101	108	0.5	2.7	2.49	29.82	2.338
4/25/2016	18:01:14 :	87	101	108	0.504	2.6	2.923	29.83	2.744
4/25/2016	18:02:14 :	86	101	108	0.5	2.5	3.405	29.83	3.197
4/25/2016	18:03:14 :	86	101	108	0.503	1.5	3.9	29.82	3.661
4/25/2016	18:04:14 :	86	101	108	0.5	0.3	4.387	29.82	4.118
4/25/2016	18:05:14 :	86	101	108	0.5	0.3	4.911	29.82	4.61
4/25/2016	18:06:14 :	86	101	108	0.5	0.3	5.389	29.83	5.058
4/25/2016	18:07:14 :	86	101	108	0.5	0.3	5.81	29.82	5.454
4/25/2016	18:08:14 :	86	101	108	0.5	0.3	6.266	29.82	5.881
4/25/2016	18:09:14 :	86	101	108	0.5	0.3	6.798	29.82	6.381
4/25/2016	18:10:14 :	86	101	108	0.5	0.3	7.308	29.82	6.859
4/25/2016	18:11:14 :	86	101	108	0.5	0.3	7.796	29.82	7.317
4/25/2016	18:12:14 :	86	101	107	0.5	0.3	8.285	29.82	7.776
4/25/2016	18:13:14 :	86	101	107	0.5	0.3	8.716	29.82	8.181
4/25/2016	18:14:14 :	86	101	107	0.5	0.3	9.164	29.82	8.602
4/25/2016	18:15:14 :	86	101	107	0.5	0.3	9.698	29.82	9.103
4/25/2016	18:16:14 :	86	101	107	0.5	0.3	10.224	29.83	9.597
4/25/2016	18:17:14 :	87	101	107	0.5	0.3	10.676	29.83	10.022
4/25/2016	18:18:14 :	86	101	107	0.5	0.3	11.145	29.83	10.462
4/25/2016	18:19:14 :	86	101	107	0.5	0.3	11.613	29.83	10.901
4/25/2016	18:20:14 :	86	100	107	0.5	0.3	12.059	29.83	11.32
4/25/2016	18:21:14 :	86	100	107	0.5	0.3	12.574	29.82	11.804
4/25/2016	18:22:14 :	86	100	107	0.5	0.3	13.129	29.82	12.325
4/25/2016	18:23:14 :	86	100	107	0.499	0.3	13.586	29.82	12.756
4/25/2016	18:24:14 :	86	100	107	0.5	0.3	14.019	29.82	13.162
4/25/2016	18:25:14 :	85	100	107	0.5	0.3	14.507	29.83	13.621
4/25/2016	18:26:14 :	86	100	107	0.5	0.3	14.969	29.83	14.055
4/25/2016	18:27:14 :	85	100	107	0.5	0.3	15.472	29.83	14.528
4/25/2016	18:28:14 :	85	100	107	0.506	0.3	16.015	29.83	15.038
4/25/2016	18:29:14 :	86	100	107	0.498	0.3	16.477	29.83	15.472
4/25/2016	18:30:14 :	85	100	107	0.5	0.3	16.894	29.83	15.865
4/25/2016	18:31:14 :	85	100	107	0.5	0.3	17.366	29.84	16.308
4/25/2016	18:32:14 :	85	100	107	0.5	0.3	17.881	29.84	16.792
4/25/2016	18:33:14 :	85	99	107	0.5	0.3	18.378	29.84	17.26
4/25/2016	18:34:14 :	85	99	107	0.5	0.3	18.877	29.83	17.729

4/25/2016	18:35:14 :	85	99	107	0.5	0.3	19.364	29.83	18.187
4/25/2016	18:36:14 :	85	99	107	0.5	0.3	19.795	29.83	18.593
4/25/2016	18:37:14 :	85	99	107	0.5	0.3	20.251	29.83	19.023
4/25/2016	18:38:14 :	85	99	107	0.5	0.3	20.788	29.83	19.528
4/25/2016	18:39:14 :	85	99	106	0.506	0.3	21.297	29.83	20.006
4/25/2016	18:40:14 :	85	99	106	0.5	0.3	21.767	29.83	20.449
4/25/2016	18:41:14 :	85	99	106	0.5	0.3	22.245	29.83	20.898
4/25/2016	18:42:14 :	85	99	106	0.5	0.3	22.697	29.83	21.323
4/25/2016	18:43:14 :	85	99	106	0.5	0.3	23.134	29.83	21.734
4/25/2016	18:44:14 :	85	99	106	0.5	0.3	23.66	29.83	22.229
4/25/2016	18:45:14 :	85	99	106	0.5	0.3	24.199	29.84	22.737
4/25/2016	18:46:14 :	85	99	106	0.5	0.3	24.652	29.84	23.164
4/25/2016	18:47:14 :	85	99	106	0.5	0.3	25.096	29.84	23.582
4/25/2016	18:48:14 :	85	99	106	0.5	0.3	25.576	29.84	24.034
4/25/2016	18:49:14 :	85	99	106	0.5	0.3	26.042	29.84	24.472
4/25/2016	18:50:14 :	85	99	106	0.51	0.3	26.562	29.84	24.962
4/25/2016	18:51:14 :	85	99	106	0.504	0.3	27.115	29.84	25.483
4/25/2016	18:52:14 :	85	99	106	0.5	0.3	27.562	29.84	25.904
4/25/2016	18:53:14 :	85	99	106	0.497	0.3	27.983	29.84	26.301
4/25/2016	18:54:14 :	85	99	106	0.5	0.3	28.464	29.84	26.754
4/25/2016	18:55:14 :	85	99	106	0.5	0.3	28.956	29.84	27.217
4/25/2016	18:56:14 :	85	99	106	0.5	0.3	29.447	29.84	27.68
4/25/2016	18:57:14 :	85	99	106	0.5	0.3	29.969	29.83	28.171
4/25/2016	18:58:14 :	85	99	106	0.5	0.3	30.445	29.84	28.62
4/25/2016	18:59:14 :	85	99	106	0.5	0.3	30.864	29.84	29.015
4/25/2016	19:00:14 :	85	99	106	0.505	0.3	31.328	29.84	29.452
4/25/2016	19:01:14 :	85	99	106	0.5	0.3	31.856	29.84	29.949
4/25/2016	19:02:14 :	85	98	106	0.499	0.3	32.368	29.84	30.432
4/25/2016	19:03:14 :	85	98	106	0.495	0.3	32.848	29.84	30.884
4/25/2016	19:04:14 :	85	98	106	0.502	0.3	33.337	29.84	31.345
4/25/2016	19:05:14 :	85	98	106	0.498	0.3	33.759	29.84	31.743
4/25/2016	19:06:14 :	85	98	106	0.5	0.3	34.208	29.84	32.167
4/25/2016	19:07:14 :	85	98	106	0.501	0.3	34.748	29.85	32.676
4/25/2016	19:08:14 :	85	98	106	0.5	0.3	35.27	29.85	33.169
4/25/2016	19:09:14 :	85	98	106	0.501	0.3	35.721	29.85	33.594
4/25/2016	19:10:14 :	85	98	106	0.5	0.3	36.191	29.85	34.037
4/25/2016	19:11:14 :	85	98	106	0.5	0.3	36.651	29.85	34.471
4/25/2016	19:12:14 :	85	98	106	0.5	0.3	37.102	29.85	34.896
4/25/2016	19:13:14 :	85	98	106	0.512	0.3	37.618	29.85	35.382
4/25/2016	19:14:14 :	85	98	106	0.501	0.3	38.165	29.85	35.898
4/25/2016	19:15:14 :	85	98	106	0.499	0.3	38.627	29.85	36.335
4/25/2016	19:16:14 :	84	98	106	0.5	0.3	39.054	29.85	36.738
4/25/2016	19:17:14 :	84	98	106	0.498	0.3	39.538	29.85	37.194
4/25/2016	19:18:14 :	84	98	106	0.5	0.3	39.998	29.85	37.628
4/25/2016	19:19:14 :	84	98	106	0.5	0.3	40.505	29.85	38.106
4/25/2016	19:20:14 :	84	98	105	0.5	0.3	41.052	29.85	38.622
4/25/2016	19:21:14 :	84	98	105	0.5	0.3	41.508	29.85	39.051
4/25/2016	19:22:14 :	84	98	105	0.5	0.3	41.923	29.85	39.444
4/25/2016	19:23:14 :	84	98	105	0.5	0.3	42.403	29.85	39.896
4/25/2016	19:24:14 :	84	98	105	0.5	0.3	42.904	29.85	40.369
4/25/2016	19:25:14 :	84	98	105	0.5	0.3	43.397	29.85	40.833
4/25/2016	19:26:14 :	83	98	105	0.5	0.3	43.911	29.85	41.318
4/25/2016	19:27:14 :	83	98	105	0.5	0.3	44.391	29.85	41.771
4/25/2016	19:28:14 :	83	98	105	0.5	0.3	44.818	29.85	42.174
4/25/2016	19:29:14 :	83	98	105	0.5	0.3	45.272	29.85	42.603
4/25/2016	19:30:14 :	83	98	105	0.501	0.3	45.811	29.85	43.112
4/25/2016	19:31:14 :	83	98	105	0.502	0.3	46.316	29.85	43.589
4/25/2016	19:32:14 :	83	98	105	0.5	0.3	46.796	29.86	44.042
4/25/2016	19:33:14 :	83	98	105	0.5	0.3	47.279	29.85	44.498
4/25/2016	19:34:14 :	83	98	105	0.5	0.3	47.72	29.85	44.914
4/25/2016	19:35:14 :	83	98	105	0.5	0.3	48.161	29.85	45.33

4/25/2016	19:36:14 :	83	98	105	0.5	0.3	48.692	29.85	45.833
4/25/2016	19:37:14 :	83	98	105	0.5	0.3	49.222	29.86	46.333
4/25/2016	19:38:14 :	83	98	105	0.499	0.3	49.675	29.86	46.761
4/25/2016	19:39:14 :	83	97	104	0.5	0.3	50.133	29.86	47.194
4/25/2016	19:40:14 :	83	97	104	0.501	0.3	50.609	29.86	47.644
4/25/2016	19:41:14 :	83	97	104	0.5	0.3	51.059	29.86	48.069
4/25/2016	19:42:14 :	83	97	104	0.5	0.3	51.574	29.86	48.555
4/25/2016	19:43:14 :	83	97	104	0.499	0.3	52.123	29.86	49.074
4/25/2016	19:44:14 :	83	97	104	0.5	0.3	52.576	29.86	49.503
4/25/2016	19:45:14 :	82	97	104	0.5	0.3	53.012	29.86	49.915
4/25/2016	19:46:14 :	82	97	104	0.5	0.3	53.495	29.86	50.372
4/25/2016	19:47:14 :	82	97	104	0.5	0.3	53.967	29.85	50.818
4/25/2016	19:48:14 :	82	97	104	0.5	0.3	54.464	29.85	51.287
4/25/2016	19:49:14 :	82	97	104	0.5	0.3	55.002	29.85	51.796
4/25/2016	19:50:14 :	82	97	104	0.504	0.3	55.47	29.85	52.239
4/25/2016	19:51:14 :	82	97	104	0.5	0.3	55.885	29.85	52.632
4/25/2016	19:52:14 :	82	97	104	0.5	0.3	56.355	29.85	53.076
4/25/2016	19:53:14 :	82	97	104	0.5	0.3	56.871	29.86	53.564
4/25/2016	19:54:14 :	82	97	104	0.5	0.3	57.374	29.86	54.04
4/25/2016	19:55:14 :	82	97	104	0.5	0.3	57.867	29.86	54.507
4/25/2016	19:56:14 :	82	97	104	0.503	0.3	58.358	29.86	54.971
4/25/2016	19:57:14 :	82	97	104	0.5	0.3	58.792	29.86	55.382
4/25/2016	19:58:14 :	82	97	104	0.5	0.3	59.247	29.86	55.813
4/25/2016	19:59:14 :	82	97	103	0.5	0.3	59.783	29.86	56.32
4/25/2016	20:00:14 :	82	96	103	0.5	0.3	60.293	29.86	56.803
4/25/2016	20:01:14 :	82	96	103	0.5	0.3	60.755	29.86	57.24
4/25/2016	20:02:14 :	82	96	103	0.503	0.3	61.233	29.86	57.693
4/25/2016	20:03:14 :	82	96	103	0.5	0.3	61.688	29.86	58.124
4/25/2016	20:04:14 :	81	96	103	0.501	0.3	62.131	29.86	58.543
4/25/2016	20:05:14 :	81	96	103	0.515	0.3	62.662	29.86	59.046
4/25/2016	20:06:14 :	81	96	103	0.5	0.3	63.208	29.86	59.563
4/25/2016	20:07:14 :	81	96	103	0.5	0.3	63.661	29.86	59.993
4/25/2016	20:08:14 :	81	96	103	0.5	0.3	64.095	29.86	60.404
4/25/2016	20:09:14 :	81	96	103	0.5	0.3	64.58	29.85	60.863
4/25/2016	20:10:14 :	81	96	103	0.5	0.3	65.044	29.86	61.303
4/25/2016	20:11:14 :	81	96	103	0.5	0.3	65.551	29.86	61.784
4/25/2016	20:12:14 :	81	96	102	0.5	0.3	66.096	29.86	62.3
4/25/2016	20:13:14 :	81	96	102	0.5	0.3	66.543	29.86	62.724
4/25/2016	20:14:14 :	81	96	102	0.5	0.3	66.966	29.86	63.125
4/25/2016	20:15:14 :	81	96	102	0.5	0.3	67.447	29.86	63.581
4/25/2016	20:16:14 :	81	96	102	0.5	0.3	67.94	29.85	64.048
4/25/2016	20:17:14 :	81	96	102	0.5	0.3	68.428	29.85	64.511
4/25/2016	20:18:14 :	81	95	102	0.5	0.3	68.952	29.85	65.008
4/25/2016	20:19:14 :	81	95	102	0.5	0.3	69.424	29.86	65.455
4/25/2016	20:20:14 :	81	95	102	0.5	0.3	69.842	29.86	65.853
4/25/2016	20:21:14 :	81	95	102	0.5	0.3	70.299	29.86	66.286
4/25/2016	20:22:14 :	81	95	102	0.501	0.3	70.827	29.86	66.787
4/25/2016	20:23:14 :	81	95	102	0.5	0.3	71.339	29.85	67.273
4/25/2016	20:24:14 :	81	95	102	0.5	0.3	71.823	29.85	67.732
4/25/2016	20:25:14 :	81	95	102	0.5	0.3	72.308	29.85	68.192
4/25/2016	20:26:14 :	81	95	102	0.5	0.3	72.734	29.86	68.596
4/25/2016	20:27:14 :	81	95	102	0.5	0.3	73.185	29.86	69.025
4/25/2016	20:28:14 :	80	95	101	0.5	0.3	73.721	29.86	69.534
4/25/2016	20:29:14 :	81	95	101	0.5	0.3	74.241	29.86	70.028
4/25/2016	20:30:14 :	80	95	101	0.5	0.3	74.692	29.85	70.456
4/25/2016	20:31:14 :	80	95	101	0.5	0.3	75.162	29.85	70.902
4/25/2016	20:32:14 :	80	95	101	0.507	0.3	75.628	29.85	71.344
4/25/2016	20:33:14 :	80	95	101	0.5	0.3	76.073	29.86	71.767
4/25/2016	20:34:14 :	80	95	101	0.5	0.3	76.589	29.86	72.257
4/25/2016	20:35:14 :	80	94	101	0.5	0.3	77.134	29.86	72.775
4/25/2016	20:36:14 :	80	94	101	0.5	0.3	77.588	29.86	73.207

4/25/2016	20:37:14 :	80	94	101	0.5	0.3	78.025	29.86	73.623
4/25/2016	20:38:14 :	80	94	101	0.5	0.3	78.513	29.86	74.086
4/25/2016	20:39:14 :	81	94	100	0.5	0.3	78.969	29.86	74.52
4/25/2016	20:40:14 :	81	94	100	0.5	0.3	79.476	29.87	75.002
4/25/2016	20:41:14 :	81	94	100	0.5	0.3	80.023	29.87	75.522
4/25/2016	20:42:14 :	81	94	100	0.5	0.3	80.466	29.87	75.943
4/25/2016	20:43:14 :	81	94	100	0.501	0.3	80.888	29.87	76.345
4/25/2016	20:44:14 :	81	94	100	0.5	0.3	81.368	29.87	76.802
4/25/2016	20:45:14 :	81	94	100	0.5	0.3	81.859	29.88	77.269
4/25/2016	20:46:14 :	81	94	100	0.5	0.3	82.347	29.88	77.734
4/25/2016	20:47:14 :	81	94	100	0.5	0.3	82.869	29.88	78.231
4/25/2016	20:48:14 :	81	94	100	0.5	0.3	83.337	29.88	78.676
4/25/2016	20:49:14 :	81	94	100	0.5	0.3	83.754	29.88	79.074
4/25/2016	20:50:14 :	81	94	100	0.5	0.3	84.212	29.88	79.51
4/25/2016	20:51:14 :	81	94	100	0.5	0.3	84.734	29.88	80.007
4/25/2016	20:52:14 :	81	94	100	0.5	0.3	85.241	29.88	80.49
4/25/2016	20:53:14 :	81	94	100	0.5	0.3	85.726	29.88	80.951
4/25/2016	20:54:14 :	80	94	100	0.5	0.3	86.206	29.88	81.408
4/25/2016	20:55:14 :	80	93	99	0.5	0.3	86.634	29.88	81.816
4/25/2016	20:56:14 :	80	93	100	0.5	0.3	87.085	29.88	82.247
4/25/2016	20:57:14 :	80	93	99	0.5	0.3	87.621	29.88	82.757
4/25/2016	20:58:14 :	79	93	99	0.5	0.3	88.125	29.87	83.238
4/25/2016	20:59:14 :	80	93	99	0.5	0.3	88.586	29.87	83.677
4/25/2016	21:00:14 :	79	93	99	0.5	0.3	89.062	29.87	84.13
4/25/2016	21:01:14 :	79	93	99	0.5	0.3	89.508	29.87	84.555
4/25/2016	21:02:14 :	79	93	99	0.5	0.3	89.942	29.87	84.969
4/25/2016	21:03:14 :	79	93	99	0.5	0.3	90.472	29.87	85.474
4/25/2016	21:04:14 :	79	93	99	0.5	0.3	90.999	29.87	85.976
4/25/2016	21:05:14 :	79	93	99	0.499	0.3	91.447	29.87	86.403
4/25/2016	21:06:14 :	79	93	99	0.5	0.3	91.898	29.87	86.833
4/25/2016	21:07:14 :	79	93	99	0.5	0.3	92.372	29.87	87.285
4/25/2016	21:08:14 :	79	93	99	0.5	0.3	92.819	29.87	87.71
4/25/2016	21:09:14 :	79	93	99	0.5	0.3	93.325	29.88	88.193
4/25/2016	21:10:14 :	79	93	99	0.5	0.3	93.874	29.88	88.716
4/25/2016	21:11:14 :	79	93	99	0.5	0.3	94.326	29.88	89.148
4/25/2016	21:12:14 :	79	93	99	0.5	0.3	94.757	29.88	89.559
4/25/2016	21:13:14 :	78	93	99	0.5	0.3	95.245	29.88	90.025
4/25/2016	21:14:14 :	78	93	99	0.5	0.3	95.701	29.87	90.459
4/25/2016	21:15:14 :	78	93	99	0.5	0.3	96.202	29.87	90.937
4/25/2016	21:16:14 :	78	93	99	0.5	0.3	96.743	29.87	91.453
4/25/2016	21:17:14 :	79	93	99	0.5	0.3	97.198	29.88	91.887
4/25/2016	21:18:14 :	79	93	99	0.5	0.3	97.605	29.88	92.276
4/25/2016	21:19:14 :	79	93	99	0.5	0.3	98.085	29.88	92.734
4/25/2016	21:20:14 :	79	93	99	0.5	0.3	98.578	29.88	93.204
4/25/2016	21:21:14 :	78	92	98	0.501	0.3	99.069	29.88	93.673
4/25/2016	21:22:14 :	78	92	98	0.5	0.3	99.584	29.88	94.165
4/25/2016	21:23:14 :	78	92	98	0.5	0.3	100.056	29.88	94.615
4/25/2016	21:24:14 :	79	92	98	0.5	0.3	100.472	29.88	95.013
4/25/2016	21:25:14 :	79	92	98	0.5	0.3	100.925	29.88	95.446
4/25/2016	21:26:14 :	79	92	98	0.5	0.3	101.453	29.88	95.95
4/25/2016	21:27:14 :	78	92	98	0.5	0.3	101.963	29.88	96.437
4/25/2016	21:28:14 :	78	92	98	0.5	0.3	102.445	29.88	96.897
4/25/2016	21:29:14 :	78	92	98	0.5	0.3	102.929	29.88	97.36
4/25/2016	21:30:14 :	78	92	98	0.5	0.3	103.35	29.88	97.761
4/25/2016	21:31:14 :	79	92	98	0.5	0.3	103.803	29.89	98.194
4/25/2016	21:32:14 :	78	92	98	0.5	0.3	104.336	29.89	98.704
4/25/2016	21:33:14 :	78	92	98	0.5	0.3	104.842	29.89	99.187
4/25/2016	21:34:14 :	78	92	98	0.5	0.3	105.301	29.89	99.625
4/25/2016	21:35:14 :	78	92	98	0.5	0.3	105.773	29.89	100.077
4/25/2016	21:36:14 :	78	92	98	0.5	0.3	106.219	29.89	100.503
4/25/2016	21:37:14 :	78	92	98	0.5	0.3	106.657	29.89	100.922

4/25/2016	21:38:14 :	78	92	98	0.5	0.3	107.183	29.89	101.424
4/25/2016	21:39:14 :	78	92	98	0.5	0.3	107.712	29.89	101.93
4/25/2016	21:40:14 :	78	92	98	0.5	0.3	108.158	29.89	102.358
4/25/2016	21:41:14 :	78	92	98	0.5	0.3	108.605	29.89	102.785
4/25/2016	21:42:14 :	78	92	98	0.5	0.3	109.077	29.9	103.236
4/25/2016	21:43:14 :	78	92	98	0.5	0.3	109.528	29.9	103.667
4/25/2016	21:44:14 :	78	92	98	0.5	0.3	110.036	29.89	104.153
4/25/2016	21:45:14 :	78	92	98	0.5	0.3	110.58	29.89	104.673
4/25/2016	21:46:14 :	78	92	98	0.5	0.3	111.034	29.89	105.107
4/25/2016	21:47:14 :	78	92	98	0.5	0.3	111.465	29.89	105.52
4/25/2016	21:48:14 :	78	92	98	0.5	0.3	111.948	29.89	105.982
4/25/2016	21:49:14 :	78	92	98	0.5	0.3	112.404	29.89	106.418
4/25/2016	21:50:14 :	78	92	98	0.5	0.3	112.905	29.89	106.897
4/25/2016	21:51:14 :	78	92	98	0.5	0.3	113.447	29.89	107.415
4/25/2016	21:52:14 :	78	92	98	0.5	0.3	113.901	29.89	107.849
4/25/2016	21:53:14 :	78	92	98	0.5	0.3	114.31	29.89	108.241
4/25/2016	21:54:14 :	78	92	98	0.5	0.3	114.788	29.89	108.698
4/25/2016	21:55:12 :	78	92	98	0.5	0.3	115.266	29.89	109.155

'

'------------------------- LOGGED EVENTS ---------------------------------
04/25/16 17:23:24: Test START
04/25/16 17:23:29: Test Paused by User
04/25/16 17:23:29: PAUSE_EVENT [Manual Pause]
04/25/16 17:55:15: TestResumed
04/25/16 21:55:12: Actual Sampling Time: 0d 4h 0m 0s
04/25/16 21:55:12: Test END
04/26/16 18:50:30: PAUSE_EVENT -
04/26/16 18:51:45: New Trap Temperature: set to = 250F
Sample A: POST-Leak Test PASSED with minimal vacuum of 5 inHg
' NOTE: Post_Leak Test Side B Not tested
' *ALARMS LEGEND
'A - Not Used
'B - Not Used
'C - Not Used
'D - Current Loop failure for External FLOW Input
'E - Current Loop failure for External MOISTURE Input
'F - Modbus inactivity timeout
'G - Unable to maintain proportional flow for A
'H - Unable to maintain proportional flow for B
'I - High Vac-A
'J - High Vac-B
'K - Not Used
'L - Trap Temperature Out of Range
'M - Probe Temperature Out of Range
'N - Chiller Temperature Out of Range
'O - Sample Line Temperature Out of Range
'P - Console Returned from power failure
'----------------------- END OF ALARM LEDGENDS ----------------------------

'---------------------------- CONSOLE INFO ---------------------------------
' Console Name: 3210 - Ambient Air Services
' Console ID: XC30B-3210
' DAC Board ID: 3332-3130-202D-2041
'Dry Gas Meter-A ID/Gamma: 1901990 / 1.0018
'Dry Gas Meter-B ID/Gamma: 1902001 / 0.9959
' DGM cm3/Pulse: 1.93

' RTC ROM ID: 738D-014B-0000-008D
'------ SOFTWARE AND FIRMWARE VERSIONS USED FOR THIS DATA EXPORT -----------
' Software-Firmware Ver: 0320e-116
'

Configuration File: Cuba HCL 042616 Night Run 2.pro
File Exported: 4/29/2016 8:33:08 PM (PC Time).
Company Name: Cuba HCL

Sample A: PRE-Leak Test PASSED at Maximum vacuum

' Pre_Leak Test Side B Not tested

Run N2

Trap ID-A: side a
Trap ID-B: na

Test Duration (Planned): 0d 4h 0m
Test Duration (Actual) : 0d 4h 0m
Averaging Period : 1 min.

		Stack F	DGM-A F	Console F	MAS-A LPM	VAC-A in-Hg	DGM-A (L) Corr-Vol	Baro in-Hg	STD Vol_A
AVERAGES AND TEST SUMMARIES		**81.6**	**95.3**	**102.3**	**0.501**	**2.4**	**115.747**	**29.86**	**109.924**
4/26/2016	18:55:03 :	84	98	103	0	0	0	29.83	0
4/26/2016	18:56:02 :	84	97	102	0.54	2	0.543	29.83	0.513
4/26/2016	18:57:02 :	84	97	103	0.5	1.9	1.044	29.83	0.986
4/26/2016	18:58:02 :	83	96	103	0.5	2	1.524	29.83	1.44
4/26/2016	18:59:02 :	84	96	103	0.5	2	1.953	29.83	1.846
4/26/2016	19:00:02 :	84	96	103	0.5	2	2.399	29.83	2.269
4/26/2016	19:01:02 :	83	96	103	0.5	2	2.927	29.84	2.768
4/26/2016	19:02:02 :	83	96	103	0.5	2	3.43	29.84	3.244
4/26/2016	19:03:02 :	83	96	103	0.5	2	3.911	29.84	3.699
4/26/2016	19:04:02 :	83	96	103	0.5	2.1	4.393	29.83	4.155
4/26/2016	19:05:02 :	83	96	102	0.5	2.1	4.824	29.83	4.563
4/26/2016	19:06:02 :	83	96	103	0.502	2.1	5.27	29.83	4.986
4/26/2016	19:07:02 :	83	96	103	0.501	2.1	5.804	29.83	5.491
4/26/2016	19:08:02 :	83	96	103	0.501	2.1	6.336	29.83	5.994
4/26/2016	19:09:02 :	83	96	103	0.497	2.1	6.781	29.83	6.415
4/26/2016	19:10:02 :	83	96	103	0.5	2.1	7.241	29.83	6.85
4/26/2016	19:11:02 :	83	96	103	0.496	2.1	7.709	29.83	7.293
4/26/2016	19:12:02 :	83	96	103	0.507	2.2	8.152	29.84	7.712
4/26/2016	19:13:02 :	83	96	103	0.5	2.1	8.666	29.84	8.198
4/26/2016	19:14:02 :	83	96	103	0.505	2.2	9.223	29.84	8.725
4/26/2016	19:15:02 :	83	96	103	0.498	2.2	9.675	29.84	9.154
4/26/2016	19:16:02 :	83	96	103	0.504	2.2	10.116	29.84	9.572
4/26/2016	19:17:02 :	83	96	103	0.503	2.2	10.601	29.84	10.031
4/26/2016	19:18:02 :	83	96	102	0.504	2.2	11.067	29.84	10.473
4/26/2016	19:19:02 :	83	96	102	0.499	2.2	11.562	29.84	10.942
4/26/2016	19:20:02 :	83	96	102	0.497	2.2	12.104	29.84	11.455
4/26/2016	19:21:02 :	83	96	102	0.502	2.2	12.566	29.84	11.893
4/26/2016	19:22:02 :	82	96	102	0.508	2.2	12.985	29.84	12.29
4/26/2016	19:23:02 :	82	96	102	0.501	2.2	13.463	29.84	12.743
4/26/2016	19:24:02 :	82	96	102	0.498	2.2	13.971	29.84	13.224
4/26/2016	19:25:02 :	82	96	102	0.504	2.2	14.472	29.84	13.699
4/26/2016	19:26:02 :	82	96	102	0.502	2.2	14.967	29.84	14.168
4/26/2016	19:27:02 :	82	96	102	0.498	2.2	15.453	29.84	14.628
4/26/2016	19:28:02 :	82	96	102	0.506	2.3	15.892	29.84	15.044
4/26/2016	19:29:02 :	82	95	102	0.499	2.2	16.343	29.84	15.472
4/26/2016	19:30:02 :	82	95	102	0.504	2.3	16.887	29.84	15.988
4/26/2016	19:31:02 :	82	95	102	0.5	2.3	17.391	29.84	16.466
4/26/2016	19:32:02 :	82	95	102	0.498	2.3	17.857	29.84	16.907
4/26/2016	19:33:02 :	82	95	102	0.5	2.3	18.339	29.84	17.364
4/26/2016	19:34:02 :	83	95	102	0.501	2.3	18.79	29.84	17.792
4/26/2016	19:35:02 :	82	95	103	0.502	2.3	19.229	29.84	18.208
4/26/2016	19:36:02 :	83	95	102	0.501	2.3	19.761	29.84	18.712

4/26/2016	19:37:02 :	83	95	103	0.5	2.3	20.293	29.84	19.218
4/26/2016	19:38:02 :	82	95	103	0.501	2.3	20.752	29.84	19.653
4/26/2016	19:39:02 :	82	95	102	0.5	2.3	21.197	29.84	20.075
4/26/2016	19:40:02 :	82	95	103	0.501	2.3	21.682	29.84	20.535
4/26/2016	19:41:02 :	82	95	103	0.502	2.3	22.15	29.84	20.978
4/26/2016	19:42:02 :	82	95	103	0.503	2.3	22.664	29.84	21.465
4/26/2016	19:43:02 :	82	95	103	0.508	2.3	23.221	29.84	21.994
4/26/2016	19:44:02 :	82	95	102	0.5	2.3	23.672	29.84	22.421
4/26/2016	19:45:02 :	82	95	102	0.498	2.3	24.085	29.84	22.813
4/26/2016	19:46:02 :	82	95	102	0.51	2.4	24.576	29.84	23.279
4/26/2016	19:47:02 :	82	95	102	0.5	2.3	25.073	29.84	23.75
4/26/2016	19:48:02 :	82	95	102	0.496	2.3	25.557	29.84	24.209
4/26/2016	19:49:02 :	82	95	102	0.506	2.3	26.083	29.84	24.707
4/26/2016	19:50:02 :	82	95	102	0.5	2.3	26.56	29.84	25.16
4/26/2016	19:51:02 :	82	95	102	0.502	2.3	26.991	29.84	25.569
4/26/2016	19:52:02 :	82	95	102	0.506	2.4	27.453	29.84	26.007
4/26/2016	19:53:02 :	82	95	102	0.502	2.3	27.991	29.84	26.517
4/26/2016	19:54:02 :	82	95	102	0.502	2.3	28.497	29.84	26.997
4/26/2016	19:55:02 :	82	95	102	0.498	2.3	28.975	29.84	27.45
4/26/2016	19:56:02 :	82	95	102	0.494	2.3	29.453	29.84	27.903
4/26/2016	19:57:02 :	81	95	102	0.505	2.4	29.894	29.84	28.321
4/26/2016	19:58:02 :	81	95	102	0.504	2.3	30.339	29.84	28.743
4/26/2016	19:59:02 :	81	95	102	0.498	2.3	30.871	29.84	29.248
4/26/2016	20:00:02 :	81	95	102	0.5	2.4	31.403	29.84	29.753
4/26/2016	20:01:02 :	81	95	102	0.505	2.4	31.86	29.84	30.187
4/26/2016	20:02:02 :	81	95	102	0.492	2.3	32.308	29.84	30.612
4/26/2016	20:03:02 :	81	95	102	0.495	2.3	32.776	29.84	31.056
4/26/2016	20:04:02 :	82	95	102	0.5	2.4	33.231	29.84	31.488
4/26/2016	20:05:02 :	82	95	102	0.507	2.4	33.757	29.84	31.987
4/26/2016	20:06:02 :	82	95	102	0.5	2.4	34.308	29.84	32.51
4/26/2016	20:07:02 :	82	95	102	0.503	2.4	34.763	29.84	32.943
4/26/2016	20:08:02 :	82	95	102	0.502	2.4	35.199	29.84	33.356
4/26/2016	20:09:02 :	82	95	102	0.5	2.3	35.684	29.84	33.816
4/26/2016	20:10:02 :	82	95	102	0.5	2.4	36.171	29.84	34.279
4/26/2016	20:11:02 :	82	95	102	0.5	2.3	36.659	29.84	34.742
4/26/2016	20:12:02 :	82	95	102	0.5	2.4	37.192	29.84	35.248
4/26/2016	20:13:02 :	82	95	102	0.506	2.4	37.67	29.84	35.701
4/26/2016	20:14:02 :	82	95	102	0.505	2.4	38.085	29.84	36.096
4/26/2016	20:15:02 :	82	95	102	0.499	2.3	38.545	29.85	36.532
4/26/2016	20:16:02 :	82	95	102	0.5	2.3	39.071	29.85	37.032
4/26/2016	20:17:02 :	82	95	102	0.5	2.3	39.594	29.85	37.528
4/26/2016	20:18:02 :	82	95	102	0.5	2.3	40.075	29.85	37.985
4/26/2016	20:19:02 :	82	95	102	0.5	2.3	40.559	29.85	38.444
4/26/2016	20:20:02 :	82	95	102	0.5	2.4	40.986	29.85	38.849
4/26/2016	20:21:02 :	82	95	102	0.5	2.4	41.442	29.85	39.283
4/26/2016	20:22:02 :	82	95	102	0.499	2.4	41.977	29.85	39.791
4/26/2016	20:23:02 :	82	95	102	0.503	2.4	42.501	29.85	40.289
4/26/2016	20:24:02 :	82	95	102	0.5	2.4	42.952	29.85	40.717
4/26/2016	20:25:02 :	82	95	102	0.5	2.4	43.422	29.85	41.163
4/26/2016	20:26:02 :	82	95	102	0.501	2.4	43.884	29.85	41.601
4/26/2016	20:27:02 :	82	95	102	0.5	2.4	44.331	29.85	42.025
4/26/2016	20:28:02 :	82	95	102	0.5	2.4	44.847	29.85	42.515
4/26/2016	20:29:02 :	82	95	102	0.5	2.4	45.398	29.85	43.038
4/26/2016	20:30:02 :	82	95	102	0.5	2.4	45.86	29.85	43.478
4/26/2016	20:31:02 :	82	95	102	0.5	2.4	46.295	29.85	43.89
4/26/2016	20:32:02 :	82	95	102	0.5	2.4	46.778	29.84	44.349
4/26/2016	20:33:02 :	82	95	102	0.5	2.4	47.243	29.84	44.79
4/26/2016	20:34:02 :	82	95	102	0.502	2.4	47.753	29.84	45.274
4/26/2016	20:35:02 :	82	95	102	0.501	2.4	48.298	29.84	45.792
4/26/2016	20:36:02 :	81	95	102	0.5	2.4	48.759	29.84	46.229

4/26/2016	20:37:02 :	82	95	102	0.5	2.4	49.174	29.84	46.624
4/26/2016	20:38:02 :	81	95	102	0.5	2.4	49.649	29.84	47.075
4/26/2016	20:39:02 :	81	95	102	0.5	2.4	50.156	29.84	47.556
4/26/2016	20:40:02 :	82	95	102	0.5	2.4	50.657	29.84	48.031
4/26/2016	20:41:02 :	82	95	102	0.5	2.4	51.16	29.85	48.509
4/26/2016	20:42:02 :	82	95	102	0.506	2.4	51.649	29.85	48.973
4/26/2016	20:43:02 :	82	95	102	0.489	2.4	52.075	29.85	49.377
4/26/2016	20:44:02 :	82	95	102	0.5	2.4	52.526	29.85	49.806
4/26/2016	20:45:02 :	81	95	102	0.5	2.4	53.062	29.85	50.315
4/26/2016	20:46:02 :	81	95	102	0.5	2.4	53.569	29.85	50.796
4/26/2016	20:47:02 :	81	95	102	0.5	2.4	54.046	29.85	51.249
4/26/2016	20:48:02 :	81	95	102	0.5	2.4	54.526	29.85	51.705
4/26/2016	20:49:02 :	81	95	102	0.5	2.4	54.973	29.85	52.129
4/26/2016	20:50:02 :	81	95	102	0.5	2.4	55.412	29.85	52.545
4/26/2016	20:51:02 :	81	95	102	0.501	2.5	55.946	29.85	53.052
4/26/2016	20:52:02 :	81	95	102	0.5	2.5	56.48	29.85	53.56
4/26/2016	20:53:02 :	81	95	102	0.5	2.4	56.935	29.85	53.992
4/26/2016	20:54:02 :	81	95	102	0.5	2.5	57.382	29.85	54.417
4/26/2016	20:55:02 :	80	95	102	0.5	2.5	57.861	29.85	54.871
4/26/2016	20:56:02 :	81	95	102	0.5	2.5	58.329	29.86	55.316
4/26/2016	20:57:02 :	80	95	102	0.5	2.5	58.84	29.86	55.801
4/26/2016	20:58:02 :	81	95	102	0.5	2.5	59.391	29.86	56.324
4/26/2016	20:59:02 :	81	95	102	0.5	2.5	59.838	29.86	56.749
4/26/2016	21:00:02 :	80	95	102	0.5	2.5	60.266	29.86	57.156
4/26/2016	21:01:02 :	80	95	102	0.508	2.5	60.755	29.86	57.62
4/26/2016	21:02:02 :	79	95	102	0.497	2.5	61.247	29.87	58.087
4/26/2016	21:03:02 :	79	95	102	0.5	2.5	61.726	29.87	58.542
4/26/2016	21:04:02 :	79	95	102	0.5	2.5	62.256	29.87	59.046
4/26/2016	21:05:02 :	79	95	102	0.5	2.5	62.724	29.86	59.49
4/26/2016	21:06:02 :	79	94	102	0.5	2.5	63.141	29.86	59.887
4/26/2016	21:07:02 :	80	94	102	0.5	2.5	63.603	29.86	60.326
4/26/2016	21:08:02 :	79	94	102	0.5	2.5	64.129	29.86	60.826
4/26/2016	21:09:02 :	80	94	102	0.5	2.5	64.644	29.86	61.316
4/26/2016	21:10:02 :	79	94	102	0.502	2.5	65.133	29.86	61.781
4/26/2016	21:11:02 :	79	94	102	0.5	2.5	65.614	29.86	62.238
4/26/2016	21:12:02 :	80	94	102	0.5	2.5	66.04	29.86	62.643
4/26/2016	21:13:02 :	81	94	102	0.5	2.5	66.494	29.86	63.075
4/26/2016	21:14:02 :	81	94	102	0.5	2.5	67.033	29.87	63.588
4/26/2016	21:15:02 :	81	94	102	0.5	2.5	67.555	29.87	64.084
4/26/2016	21:16:02 :	81	94	102	0.5	2.6	68.008	29.87	64.515
4/26/2016	21:17:02 :	80	94	102	0.503	2.6	68.48	29.87	64.963
4/26/2016	21:18:02 :	80	94	102	0.498	2.5	68.938	29.87	65.399
4/26/2016	21:19:02 :	81	94	102	0.5	2.5	69.385	29.87	65.824
4/26/2016	21:20:02 :	81	94	102	0.51	2.6	69.911	29.87	66.324
4/26/2016	21:21:02 :	81	94	102	0.489	2.5	70.447	29.87	66.834
4/26/2016	21:22:02 :	81	94	102	0.5	2.6	70.904	29.87	67.269
4/26/2016	21:23:02 :	81	94	102	0.5	2.6	71.345	29.87	67.688
4/26/2016	21:24:02 :	81	94	102	0.5	2.6	71.83	29.87	68.149
4/26/2016	21:25:02 :	81	94	102	0.5	2.6	72.293	29.87	68.59
4/26/2016	21:26:02 :	80	94	102	0.5	2.6	72.803	29.87	69.075
4/26/2016	21:27:02 :	80	94	102	0.5	2.6	73.348	29.87	69.593
4/26/2016	21:28:02 :	79	94	102	0.503	2.6	73.811	29.87	70.033
4/26/2016	21:29:02 :	80	94	102	0.499	2.5	74.22	29.87	70.423
4/26/2016	21:30:02 :	79	94	102	0.501	2.6	74.701	29.87	70.88
4/26/2016	21:31:02 :	79	94	102	0.498	2.5	75.204	29.87	71.358
4/26/2016	21:32:02 :	79	94	102	0.5	2.6	75.699	29.87	71.829
4/26/2016	21:33:02 :	80	94	102	0.5	2.6	76.21	29.87	72.315
4/26/2016	21:34:02 :	80	94	102	0.5	2.6	76.693	29.87	72.774
4/26/2016	21:35:02 :	80	94	102	0.5	2.6	77.129	29.87	73.188
4/26/2016	21:36:02 :	80	94	102	0.5	2.6	77.578	29.87	73.616

4/26/2016	21:37:02 :	80	94	102	0.501	2.6	78.12	29.87	74.131
4/26/2016	21:38:02 :	80	94	102	0.501	2.6	78.626	29.87	74.612
4/26/2016	21:39:02 :	80	94	102	0.498	2.6	79.102	29.87	75.065
4/26/2016	21:40:02 :	81	94	102	0.5	2.6	79.582	29.87	75.521
4/26/2016	21:41:02 :	81	94	102	0.5	2.6	80.031	29.87	75.948
4/26/2016	21:42:02 :	81	94	102	0.5	2.6	80.468	29.87	76.363
4/26/2016	21:43:02 :	81	94	102	0.5	2.6	81.001	29.87	76.87
4/26/2016	21:44:02 :	81	94	102	0.5	2.6	81.539	29.87	77.381
4/26/2016	21:45:02 :	81	94	102	0.5	2.6	81.991	29.87	77.812
4/26/2016	21:46:02 :	81	94	102	0.5	2.5	82.437	29.87	78.236
4/26/2016	21:47:02 :	81	94	102	0.5	2.5	82.919	29.87	78.694
4/26/2016	21:48:02 :	81	94	102	0.5	2.5	83.383	29.87	79.135
4/26/2016	21:49:02 :	81	94	102	0.5	2.5	83.898	29.87	79.625
4/26/2016	21:50:02 :	81	94	102	0.5	2.5	84.451	29.87	80.151
4/26/2016	21:51:02 :	81	94	102	0.5	2.5	84.894	29.87	80.572
4/26/2016	21:52:02 :	81	94	102	0.5	2.5	85.32	29.87	80.978
4/26/2016	21:53:02 :	81	94	102	0.5	2.5	85.807	29.87	81.441
4/26/2016	21:54:02 :	81	94	102	0.5	2.5	86.299	29.87	81.909
4/26/2016	21:55:02 :	81	94	102	0.5	2.5	86.786	29.87	82.372
4/26/2016	21:56:02 :	81	94	102	0.5	2.5	87.316	29.87	82.876
4/26/2016	21:57:02 :	80	94	102	0.5	2.5	87.788	29.87	83.325
4/26/2016	21:58:02 :	81	94	102	0.5	2.5	88.207	29.87	83.724
4/26/2016	21:59:02 :	81	94	102	0.501	2.5	88.669	29.87	84.163
4/26/2016	22:00:02 :	81	94	102	0.5	2.5	89.199	29.87	84.667
4/26/2016	22:01:02 :	81	94	102	0.5	2.5	89.717	29.87	85.16
4/26/2016	22:02:02 :	81	94	102	0.5	2.5	90.2	29.87	85.619
4/26/2016	22:03:02 :	81	94	102	0.5	2.5	90.688	29.87	86.083
4/26/2016	22:04:02 :	80	94	102	0.5	2.5	91.113	29.87	86.487
4/26/2016	22:05:02 :	80	94	102	0.5	2.5	91.562	29.87	86.914
4/26/2016	22:06:02 :	80	94	102	0.5	2.5	92.101	29.87	87.427
4/26/2016	22:07:02 :	79	94	102	0.5	2.6	92.628	29.87	87.929
4/26/2016	22:08:02 :	79	94	102	0.5	2.6	93.079	29.87	88.357
4/26/2016	22:09:02 :	80	94	102	0.5	2.6	93.545	29.87	88.801
4/26/2016	22:10:02 :	80	94	102	0.505	2.6	94.013	29.87	89.246
4/26/2016	22:11:02 :	81	94	102	0.496	2.5	94.458	29.87	89.669
4/26/2016	22:12:02 :	81	94	102	0.5	2.6	94.973	29.87	90.158
4/26/2016	22:13:02 :	81	94	102	0.5	2.6	95.526	29.88	90.684
4/26/2016	22:14:02 :	81	94	102	0.5	2.6	95.989	29.88	91.126
4/26/2016	22:15:02 :	81	94	102	0.5	2.6	96.424	29.88	91.539
4/26/2016	22:16:02 :	81	94	102	0.501	2.6	96.909	29.88	92
4/26/2016	22:17:02 :	81	94	102	0.5	2.5	97.374	29.88	92.443
4/26/2016	22:18:02 :	81	94	102	0.5	2.5	97.876	29.88	92.92
4/26/2016	22:19:02 :	81	94	102	0.508	2.6	98.428	29.88	93.445
4/26/2016	22:20:02 :	81	94	102	0.5	2.5	98.892	29.88	93.886
4/26/2016	22:21:02 :	81	94	102	0.5	2.5	99.295	29.88	94.27
4/26/2016	22:22:02 :	81	94	102	0.5	2.5	99.771	29.88	94.723
4/26/2016	22:23:02 :	81	94	102	0.499	2.5	100.278	29.88	95.205
4/26/2016	22:24:02 :	81	94	102	0.5	2.5	100.776	29.88	95.679
4/26/2016	22:25:02 :	81	94	102	0.501	2.5	101.277	29.88	96.156
4/26/2016	22:26:02 :	81	94	102	0.5	2.5	101.763	29.89	96.618
4/26/2016	22:27:02 :	81	94	102	0.5	2.5	102.198	29.89	97.032
4/26/2016	22:28:02 :	81	94	101	0.5	2.5	102.648	29.89	97.461
4/26/2016	22:29:02 :	81	94	101	0.5	2.5	103.185	29.89	97.972
4/26/2016	22:30:02 :	81	94	101	0.5	2.5	103.686	29.89	98.448
4/26/2016	22:31:02 :	81	94	101	0.5	2.5	104.16	29.89	98.899
4/26/2016	22:32:02 :	81	94	102	0.5	2.5	104.64	29.89	99.356
4/26/2016	22:33:02 :	81	94	102	0.5	2.5	105.081	29.89	99.775
4/26/2016	22:34:02 :	82	94	102	0.5	2.5	105.518	29.89	100.191
4/26/2016	22:35:02 :	82	94	102	0.5	2.5	106.052	29.89	100.699
4/26/2016	22:36:02 :	82	94	102	0.5	2.5	106.581	29.89	101.202

4/26/2016	22:37:02 :	81	94	101	0.5	2.5	107.033	29.89	101.633
4/26/2016	22:38:02 :	81	94	102	0.5	2.5	107.486	29.89	102.064
4/26/2016	22:39:02 :	81	94	102	0.5	2.5	107.961	29.89	102.516
4/26/2016	22:40:02 :	81	94	102	0.5	2.6	108.414	29.88	102.947
4/26/2016	22:41:02 :	81	94	102	0.5	2.6	108.926	29.88	103.434
4/26/2016	22:42:02 :	80	94	102	0.5	2.6	109.477	29.88	103.958
4/26/2016	22:43:02 :	80	94	102	0.5	2.6	109.93	29.88	104.389
4/26/2016	22:44:02 :	80	94	102	0.5	2.6	110.362	29.88	104.801
4/26/2016	22:45:02 :	80	94	102	0.5	2.6	110.848	29.88	105.263
4/26/2016	22:46:02 :	80	94	102	0.5	2.6	111.32	29.88	105.712
4/26/2016	22:47:02 :	80	94	102	0.5	2.6	111.815	29.88	106.183
4/26/2016	22:48:02 :	80	94	102	0.5	2.6	112.356	29.89	106.697
4/26/2016	22:49:02 :	79	94	102	0.5	2.6	112.819	29.89	107.138
4/26/2016	22:50:02 :	80	94	102	0.5	2.6	113.233	29.89	107.532
4/26/2016	22:51:02 :	80	94	102	0.5	2.6	113.703	29.89	107.979
4/26/2016	22:52:02 :	80	94	102	0.5	2.6	114.22	29.89	108.471
4/26/2016	22:53:02 :	80	94	102	0.5	2.6	114.723	29.89	108.95
4/26/2016	22:54:02 :	79	94	102	0.5	2.6	115.22	29.89	109.423
4/26/2016	22:55:02 :	79	94	102	0.5	2.6	115.703	29.89	109.882
4/26/2016	22:55:07 :	79	94	102	0.5	2.6	115.747	29.89	109.924

'

'-------------------------- LOGGED EVENTS ----------------------------------
04/26/16 18:55:03: Test START
04/26/16 22:55:07: Actual Sampling Time: 0d 4h 0m 0s
04/26/16 22:55:07: Test END
04/27/16 17:20:24: PAUSE_EVENT -
Sample A: POST-Leak Test PASSED with minimal vacuum of 5 inHg
' NOTE: Post_Leak Test Side B Not tested
' *ALARMS LEGEND
'A - Not Used
'B - Not Used
'C - Not Used
'D - Current Loop failure for External FLOW Input
'E - Current Loop failure for External MOISTURE Input
'F - Modbus inactivity timeout
'G - Unable to maintain proportional flow for A
'H - Unable to maintain proportional flow for B
'I - High Vac-A
'J - High Vac-B
'K - Not Used
'L - Trap Temperature Out of Range
'M - Probe Temperature Out of Range
'N - Chiller Temperature Out of Range
'O - Sample Line Temperature Out of Range
'P - Console Returned from power failure
'------------------------ END OF ALARM LEDGENDS ----------------------------

'---------------------------- CONSOLE INFO ---------------------------------
' Console Name: 3210 - Ambient Air Services
' Console ID: XC30B-3210
' DAC Board ID: 3332-3130-202D-2041
'Dry Gas Meter-A ID/Gamma: 1901990 / 1.0018
'Dry Gas Meter-B ID/Gamma: 1902001 / 0.9959
' DGM cm3/Pulse: 1.93

' RTC ROM ID: 738D-014B-0000-008D
'------ SOFTWARE AND FIRMWARE VERSIONS USED FOR THIS DATA EXPORT -----------
' Software-Firmware Ver: 0320e-116
'

Configuration File: Cuba HCL 042716 Night Run 3.pro
File Exported: 4/29/2016 8:33:19 PM (PC Time).
Company Name: Cuba HCL

Sample A: PRE-Leak Test PASSED at Maximum vacuum

' Pre_Leak Test Side B Not tested

Run N3

Trap ID-A: SIDE A
Trap ID-B: NA

Test Duration (Planned): 0d 4h 0m
Test Duration (Actual) : 0d 4h 0m
Averaging Period : 1 min.

		Stack F	DGM-A F	Console F	MAS-A LPM	VAC-A in-Hg	DGM-A (L) Corr-Vol	Baro in-Hg	STD Vol_A
AVERAGES AND TEST SUMMARIES		**84.8**	**102.7**	**109.6**	**0.5**	**0.3**	**116.131**	**29.84**	**108.79**
4/27/2016	17:41:18 :	93	110	117	0	0	0	29.82	0
4/27/2016	17:42:17 :	93	109	117	0.515	0.3	0.539	29.82	0.498
4/27/2016	17:43:17 :	93	109	117	0.496	0.3	0.99	29.82	0.915
4/27/2016	17:44:17 :	94	109	117	0.5	0.3	1.439	29.82	1.33
4/27/2016	17:45:17 :	92	109	117	0.512	0.3	1.931	29.82	1.786
4/27/2016	17:46:17 :	92	109	117	0.499	0.3	2.395	29.82	2.215
4/27/2016	17:47:17 :	91	109	117	0.5	0.3	2.904	29.82	2.686
4/27/2016	17:48:17 :	92	109	117	0.5	0.3	3.459	29.82	3.199
4/27/2016	17:49:17 :	93	109	117	0.501	0.3	3.915	29.82	3.621
4/27/2016	17:50:17 :	93	109	117	0.5	0.3	4.337	29.82	4.011
4/27/2016	17:51:17 :	92	109	117	0.5	0.3	4.822	29.82	4.459
4/27/2016	17:52:17 :	91	109	117	0.5	0.3	5.319	29.82	4.919
4/27/2016	17:53:17 :	92	109	117	0.5	0.3	5.814	29.82	5.377
4/27/2016	17:54:17 :	92	109	117	0.5	0.3	6.332	29.82	5.856
4/27/2016	17:55:17 :	93	109	117	0.5	0.3	6.817	29.82	6.304
4/27/2016	17:56:17 :	92	109	117	0.5	0.3	7.258	29.82	6.711
4/27/2016	17:57:17 :	93	109	117	0.5	0.3	7.715	29.82	7.133
4/27/2016	17:58:17 :	92	109	117	0.5	0.3	8.252	29.82	7.63
4/27/2016	17:59:17 :	93	109	117	0.5	0.3	8.753	29.82	8.093
4/27/2016	18:00:17 :	92	109	117	0.5	0.3	9.233	29.82	8.537
4/27/2016	18:01:17 :	92	109	117	0.5	0.3	9.717	29.82	8.986
4/27/2016	18:02:17 :	91	109	117	0.505	0.3	10.178	29.82	9.412
4/27/2016	18:03:17 :	91	109	117	0.499	0.3	10.62	29.82	9.821
4/27/2016	18:04:17 :	91	109	117	0.5	0.3	11.146	29.82	10.307
4/27/2016	18:05:17 :	92	109	117	0.499	0.3	11.69	29.82	10.811
4/27/2016	18:06:17 :	91	109	117	0.501	0.3	12.15	29.82	11.236
4/27/2016	18:07:17 :	91	109	117	0.498	0.3	12.585	29.82	11.638
4/27/2016	18:08:17 :	91	109	117	0.497	0.3	13.068	29.82	12.086
4/27/2016	18:09:17 :	92	109	117	0.5	0.3	13.538	29.82	12.521
4/27/2016	18:10:17 :	92	109	117	0.501	0.3	14.046	29.82	12.991
4/27/2016	18:11:17 :	91	109	117	0.504	0.3	14.605	29.82	13.508
4/27/2016	18:12:17 :	89	109	117	0.489	0.3	15.054	29.82	13.923
4/27/2016	18:13:17 :	88	109	117	0.502	0.3	15.483	29.82	14.32
4/27/2016	18:14:17 :	89	109	117	0.5	0.3	15.967	29.82	14.767
4/27/2016	18:15:17 :	88	109	117	0.499	0.3	16.47	29.83	15.233
4/27/2016	18:16:17 :	88	109	117	0.5	0.3	16.966	29.83	15.693
4/27/2016	18:17:17 :	89	109	117	0.5	0.3	17.476	29.83	16.164
4/27/2016	18:18:17 :	91	109	117	0.501	0.3	17.966	29.83	16.618
4/27/2016	18:19:17 :	91	109	117	0.5	0.3	18.407	29.83	17.026
4/27/2016	18:20:17 :	91	108	117	0.5	0.3	18.861	29.83	17.446
4/27/2016	18:21:17 :	90	108	117	0.5	0.3	19.408	29.83	17.953
4/27/2016	18:22:17 :	89	108	117	0.5	0.3	19.915	29.83	18.422

4/27/2016	18:23:17 :	88	108	117	0.5	0.3	20.387	29.83	18.859
4/27/2016	18:24:17 :	87	108	117	0.499	0.3	20.867	29.83	19.305
4/27/2016	18:25:17 :	87	108	116	0.506	0.3	21.328	29.83	19.731
4/27/2016	18:26:17 :	88	108	116	0.5	0.3	21.775	29.83	20.145
4/27/2016	18:27:17 :	89	108	116	0.5	0.3	22.295	29.83	20.627
4/27/2016	18:28:17 :	89	108	116	0.5	0.3	22.836	29.83	21.128
4/27/2016	18:29:17 :	89	108	116	0.5	0.3	23.295	29.83	21.553
4/27/2016	18:30:17 :	90	108	116	0.5	0.3	23.745	29.83	21.97
4/27/2016	18:31:17 :	90	108	116	0.5	0.3	24.231	29.83	22.42
4/27/2016	18:32:17 :	89	108	116	0.504	0.3	24.696	29.83	22.851
4/27/2016	18:33:17 :	90	108	116	0.496	0.3	25.203	29.83	23.321
4/27/2016	18:34:17 :	89	108	116	0.5	0.3	25.75	29.83	23.828
4/27/2016	18:35:17 :	89	108	116	0.498	0.3	26.214	29.84	24.258
4/27/2016	18:36:17 :	88	108	116	0.505	0.3	26.636	29.83	24.649
4/27/2016	18:37:17 :	88	108	116	0.495	0.3	27.111	29.83	25.089
4/27/2016	18:38:17 :	87	108	116	0.499	0.3	27.616	29.83	25.558
4/27/2016	18:39:17 :	87	108	116	0.5	0.3	28.111	29.83	26.016
4/27/2016	18:40:17 :	87	108	116	0.5	0.3	28.615	29.83	26.484
4/27/2016	18:41:17 :	87	108	116	0.5	0.3	29.104	29.84	26.938
4/27/2016	18:42:17 :	88	108	116	0.5	0.3	29.543	29.84	27.345
4/27/2016	18:43:17 :	87	108	116	0.502	0.3	30.002	29.84	27.77
4/27/2016	18:44:17 :	87	107	115	0.505	0.3	30.551	29.84	28.28
4/27/2016	18:45:17 :	87	107	115	0.5	0.3	31.06	29.84	28.752
4/27/2016	18:46:17 :	87	107	115	0.5	0.3	31.528	29.84	29.186
4/27/2016	18:47:17 :	87	107	115	0.499	0.3	32.009	29.84	29.633
4/27/2016	18:48:17 :	88	107	115	0.5	0.3	32.467	29.84	30.058
4/27/2016	18:49:17 :	88	107	115	0.508	0.3	32.925	29.84	30.483
4/27/2016	18:50:17 :	87	107	115	0.499	0.3	33.439	29.84	30.96
4/27/2016	18:51:17 :	87	107	115	0.498	0.3	33.988	29.84	31.47
4/27/2016	18:52:17 :	87	107	115	0.5	0.3	34.455	29.84	31.904
4/27/2016	18:53:17 :	87	107	115	0.5	0.3	34.894	29.84	32.311
4/27/2016	18:54:17 :	87	107	114	0.5	0.3	35.381	29.84	32.763
4/27/2016	18:55:17 :	87	107	114	0.504	0.3	35.848	29.84	33.198
4/27/2016	18:56:17 :	87	107	114	0.5	0.3	36.355	29.84	33.669
4/27/2016	18:57:17 :	86	107	114	0.5	0.3	36.9	29.84	34.175
4/27/2016	18:58:17 :	86	107	114	0.5	0.3	37.368	29.84	34.61
4/27/2016	18:59:17 :	87	106	113	0.5	0.3	37.784	29.84	34.997
4/27/2016	19:00:17 :	86	106	113	0.5	0.3	38.262	29.84	35.441
4/27/2016	19:01:17 :	85	106	113	0.5	0.3	38.774	29.84	35.917
4/27/2016	19:02:17 :	85	106	113	0.5	0.3	39.275	29.84	36.383
4/27/2016	19:03:17 :	85	106	113	0.5	0.3	39.775	29.84	36.849
4/27/2016	19:04:17 :	85	106	113	0.499	0.3	40.266	29.84	37.305
4/27/2016	19:05:17 :	85	106	113	0.5	0.3	40.699	29.84	37.708
4/27/2016	19:06:17 :	84	106	112	0.5	0.3	41.154	29.84	38.131
4/27/2016	19:07:17 :	84	106	112	0.5	0.3	41.692	29.84	38.632
4/27/2016	19:08:17 :	84	106	112	0.5	0.3	42.198	29.84	39.103
4/27/2016	19:09:17 :	84	106	112	0.5	0.3	42.666	29.84	39.538
4/27/2016	19:10:17 :	84	106	112	0.5	0.3	43.146	29.84	39.985
4/27/2016	19:11:17 :	84	106	112	0.499	0.3	43.6	29.84	40.408
4/27/2016	19:12:17 :	84	105	112	0.499	0.3	44.044	29.85	40.822
4/27/2016	19:13:17 :	84	105	112	0.5	0.3	44.565	29.84	41.307
4/27/2016	19:14:17 :	83	105	111	0.501	0.3	45.112	29.84	41.817
4/27/2016	19:15:17 :	83	105	111	0.5	0.3	45.574	29.85	42.247
4/27/2016	19:16:17 :	84	105	111	0.5	0.3	46.017	29.84	42.66
4/27/2016	19:17:17 :	84	105	111	0.5	0.3	46.506	29.84	43.116
4/27/2016	19:18:17 :	83	105	111	0.501	0.3	46.968	29.84	43.547
4/27/2016	19:19:17 :	83	105	111	0.499	0.3	47.472	29.84	44.017
4/27/2016	19:20:17 :	84	105	111	0.5	0.3	48.023	29.84	44.531
4/27/2016	19:21:17 :	83	104	110	0.501	0.3	48.486	29.84	44.963
4/27/2016	19:22:17 :	83	104	110	0.5	0.3	48.902	29.84	45.351

4/27/2016	19:23:17 :	83	104	110	0.5	0.3	49.383	29.84	45.8
4/27/2016	19:24:17 :	83	104	110	0.5	0.3	49.886	29.84	46.269
4/27/2016	19:25:17 :	84	104	110	0.5	0.3	50.383	29.84	46.733
4/27/2016	19:26:17 :	84	104	110	0.5	0.3	50.889	29.84	47.206
4/27/2016	19:27:17 :	83	104	110	0.5	0.3	51.378	29.84	47.663
4/27/2016	19:28:17 :	83	104	110	0.5	0.3	51.815	29.84	48.071
4/27/2016	19:29:17 :	83	104	109	0.5	0.3	52.272	29.83	48.497
4/27/2016	19:30:17 :	83	104	109	0.5	0.3	52.811	29.84	49.001
4/27/2016	19:31:17 :	83	103	109	0.501	0.3	53.316	29.84	49.473
4/27/2016	19:32:17 :	83	103	109	0.499	0.3	53.788	29.84	49.914
4/27/2016	19:33:17 :	83	103	109	0.499	0.3	54.269	29.84	50.364
4/27/2016	19:34:17 :	83	103	109	0.5	0.3	54.721	29.84	50.787
4/27/2016	19:35:17 :	83	103	109	0.499	0.3	55.16	29.84	51.198
4/27/2016	19:36:17 :	83	103	109	0.505	0.3	55.692	29.84	51.696
4/27/2016	19:37:17 :	83	103	108	0.504	0.3	56.239	29.84	52.207
4/27/2016	19:38:17 :	83	103	108	0.497	0.3	56.692	29.84	52.631
4/27/2016	19:39:17 :	83	102	108	0.5	0.3	57.138	29.84	53.049
4/27/2016	19:40:17 :	83	102	108	0.501	0.3	57.624	29.84	53.504
4/27/2016	19:41:17 :	83	102	108	0.5	0.3	58.093	29.84	53.944
4/27/2016	19:42:17 :	82	102	108	0.5	0.3	58.601	29.84	54.42
4/27/2016	19:43:17 :	83	102	107	0.501	0.3	59.15	29.84	54.935
4/27/2016	19:44:17 :	83	102	107	0.5	0.3	59.603	29.84	55.359
4/27/2016	19:45:17 :	83	102	107	0.5	0.3	60.029	29.84	55.758
4/27/2016	19:46:17 :	83	102	107	0.5	0.3	60.508	29.84	56.207
4/27/2016	19:47:17 :	83	102	107	0.499	0.3	61.007	29.84	56.675
4/27/2016	19:48:17 :	83	102	107	0.5	0.3	61.504	29.84	57.141
4/27/2016	19:49:17 :	82	101	107	0.5	0.3	62.02	29.84	57.626
4/27/2016	19:50:17 :	83	101	107	0.5	0.3	62.503	29.84	58.079
4/27/2016	19:51:17 :	83	101	107	0.5	0.3	62.944	29.84	58.493
4/27/2016	19:52:17 :	82	101	107	0.5	0.3	63.399	29.84	58.92
4/27/2016	19:53:17 :	82	101	106	0.5	0.3	63.934	29.84	59.423
4/27/2016	19:54:17 :	82	101	106	0.5	0.3	64.441	29.84	59.899
4/27/2016	19:55:17 :	82	101	106	0.5	0.3	64.919	29.84	60.348
4/27/2016	19:56:17 :	82	101	106	0.5	0.3	65.402	29.84	60.802
4/27/2016	19:57:17 :	83	101	106	0.5	0.3	65.85	29.84	61.223
4/27/2016	19:58:17 :	82	100	106	0.5	0.3	66.289	29.84	61.636
4/27/2016	19:59:17 :	82	100	106	0.5	0.3	66.823	29.84	62.138
4/27/2016	20:00:17 :	82	100	106	0.5	0.3	67.36	29.85	62.643
4/27/2016	20:01:17 :	82	100	106	0.5	0.3	67.817	29.85	63.073
4/27/2016	20:02:17 :	82	99	106	0.5	0.3	68.266	29.84	63.495
4/27/2016	20:03:17 :	82	99	106	0.5	0.3	68.751	29.84	63.951
4/27/2016	20:04:17 :	82	99	106	0.5	0.3	69.216	29.84	64.39
4/27/2016	20:05:17 :	82	99	105	0.501	0.3	69.727	29.84	64.871
4/27/2016	20:06:17 :	82	99	105	0.5	0.4	70.28	29.85	65.391
4/27/2016	20:07:17 :	82	99	105	0.5	0.3	70.73	29.85	65.815
4/27/2016	20:08:17 :	82	99	105	0.5	0.3	71.154	29.85	66.214
4/27/2016	20:09:17 :	82	99	105	0.5	0.3	71.637	29.85	66.669
4/27/2016	20:10:17 :	82	99	105	0.502	0.3	72.138	29.85	67.141
4/27/2016	20:11:17 :	81	99	105	0.5	0.3	72.629	29.85	67.605
4/27/2016	20:12:17 :	82	99	105	0.501	0.3	73.151	29.85	68.096
4/27/2016	20:13:17 :	81	99	105	0.499	0.3	73.626	29.85	68.544
4/27/2016	20:14:17 :	81	98	105	0.5	0.3	74.058	29.85	68.951
4/27/2016	20:15:17 :	81	98	105	0.5	0.3	74.514	29.85	69.381
4/27/2016	20:16:17 :	81	98	105	0.5	0.3	75.048	29.85	69.885
4/27/2016	20:17:17 :	82	98	105	0.499	0.3	75.56	29.85	70.367
4/27/2016	20:18:17 :	82	98	105	0.503	0.3	76.046	29.85	70.826
4/27/2016	20:19:17 :	82	98	105	0.5	0.3	76.524	29.84	71.277
4/27/2016	20:20:17 :	82	98	105	0.5	0.3	76.969	29.84	71.697
4/27/2016	20:21:17 :	82	98	105	0.504	0.3	77.414	29.84	72.117
4/27/2016	20:22:17 :	82	98	104	0.504	0.3	77.95	29.85	72.622

4/27/2016	20:23:17 :	82	98	105	0.502	0.3	78.487	29.85	73.129
4/27/2016	20:24:17 :	82	98	104	0.501	0.3	78.946	29.85	73.563
4/27/2016	20:25:17 :	82	98	104	0.499	0.3	79.393	29.85	73.984
4/27/2016	20:26:17 :	81	98	104	0.501	0.3	79.874	29.85	74.438
4/27/2016	20:27:17 :	81	98	104	0.5	0.3	80.339	29.85	74.878
4/27/2016	20:28:17 :	81	98	104	0.501	0.3	80.852	29.85	75.363
4/27/2016	20:29:17 :	81	97	104	0.499	0.3	81.405	29.85	75.885
4/27/2016	20:30:17 :	81	97	104	0.5	0.3	81.852	29.85	76.307
4/27/2016	20:31:17 :	81	97	104	0.499	0.3	82.279	29.85	76.711
4/27/2016	20:32:17 :	81	97	104	0.5	0.3	82.765	29.85	77.17
4/27/2016	20:33:17 :	81	97	104	0.502	0.3	83.26	29.85	77.638
4/27/2016	20:34:17 :	81	97	104	0.499	0.3	83.748	29.85	78.1
4/27/2016	20:35:17 :	81	97	104	0.5	0.3	84.276	29.85	78.599
4/27/2016	20:36:17 :	81	97	104	0.503	0.3	84.754	29.86	79.05
4/27/2016	20:37:17 :	81	97	104	0.499	0.3	85.175	29.86	79.448
4/27/2016	20:38:17 :	81	97	104	0.5	0.3	85.636	29.86	79.884
4/27/2016	20:39:17 :	81	97	104	0.499	0.3	86.171	29.86	80.39
4/27/2016	20:40:17 :	81	97	104	0.5	0.3	86.682	29.86	80.873
4/27/2016	20:41:17 :	81	97	104	0.5	0.3	87.169	29.86	81.334
4/27/2016	20:42:17 :	81	97	104	0.506	0.4	87.658	29.86	81.797
4/27/2016	20:43:17 :	81	97	104	0.5	0.3	88.097	29.86	82.213
4/27/2016	20:44:17 :	81	97	104	0.5	0.4	88.539	29.86	82.631
4/27/2016	20:45:17 :	81	97	104	0.5	0.4	89.075	29.86	83.138
4/27/2016	20:46:17 :	81	97	104	0.5	0.4	89.609	29.86	83.643
4/27/2016	20:47:17 :	81	97	104	0.5	0.4	90.061	29.86	84.071
4/27/2016	20:48:17 :	81	97	104	0.501	0.4	90.518	29.86	84.503
4/27/2016	20:49:17 :	81	97	103	0.5	0.4	90.995	29.86	84.955
4/27/2016	20:50:17 :	81	96	104	0.5	0.4	91.451	29.86	85.387
4/27/2016	20:51:17 :	81	96	103	0.5	0.4	91.969	29.86	85.877
4/27/2016	20:52:17 :	81	96	103	0.5	0.4	92.518	29.86	86.397
4/27/2016	20:53:17 :	81	96	103	0.5	0.4	92.971	29.86	86.826
4/27/2016	20:54:17 :	81	96	103	0.501	0.4	93.404	29.86	87.236
4/27/2016	20:55:17 :	81	96	103	0.5	0.4	93.886	29.86	87.692
4/27/2016	20:56:17 :	81	96	103	0.5	0.4	94.375	29.86	88.155
4/27/2016	20:57:17 :	81	96	103	0.503	0.4	94.864	29.86	88.619
4/27/2016	20:58:17 :	81	96	103	0.501	0.4	95.399	29.86	89.126
4/27/2016	20:59:17 :	81	96	103	0.499	0.4	95.871	29.86	89.573
4/27/2016	21:00:17 :	81	96	103	0.499	0.4	96.289	29.86	89.969
4/27/2016	21:01:17 :	81	96	103	0.5	0.4	96.751	29.86	90.406
4/27/2016	21:02:17 :	81	96	103	0.5	0.4	97.275	29.87	90.902
4/27/2016	21:03:17 :	81	96	103	0.5	0.4	97.792	29.87	91.392
4/27/2016	21:04:17 :	81	96	103	0.5	0.4	98.277	29.87	91.851
4/27/2016	21:05:17 :	81	96	103	0.5	0.4	98.763	29.87	92.313
4/27/2016	21:06:17 :	81	96	103	0.5	0.4	99.189	29.87	92.716
4/27/2016	21:07:17 :	81	96	103	0.5	0.4	99.643	29.87	93.147
4/27/2016	21:08:17 :	81	96	103	0.5	0.4	100.179	29.87	93.655
4/27/2016	21:09:17 :	81	96	103	0.5	0.4	100.705	29.87	94.154
4/27/2016	21:10:17 :	81	96	103	0.5	0.4	101.16	29.87	94.585
4/27/2016	21:11:17 :	81	96	103	0.5	0.4	101.628	29.87	95.029
4/27/2016	21:12:17 :	81	96	103	0.5	0.4	102.085	29.87	95.463
4/27/2016	21:13:17 :	81	96	103	0.5	0.4	102.534	29.87	95.888
4/27/2016	21:14:17 :	81	96	103	0.499	0.4	103.05	29.87	96.378
4/27/2016	21:15:17 :	81	96	103	0.5	0.4	103.599	29.87	96.898
4/27/2016	21:16:17 :	80	96	103	0.5	0.4	104.063	29.87	97.338
4/27/2016	21:17:17 :	80	96	103	0.5	0.4	104.499	29.87	97.751
4/27/2016	21:18:17 :	80	96	103	0.5	0.4	104.986	29.87	98.213
4/27/2016	21:19:17 :	80	96	103	0.5	0.4	105.447	29.87	98.651
4/27/2016	21:20:17 :	80	96	103	0.501	0.4	105.958	29.87	99.136
4/27/2016	21:21:17 :	80	96	103	0.505	0.4	106.505	29.87	99.654
4/27/2016	21:22:17 :	80	96	103	0.5	0.4	106.967	29.87	100.092

4/27/2016	21:23:17 :	79	96	103	0.5	0.4	107.379	29.87	100.483
4/27/2016	21:24:17 :	80	96	103	0.5	0.4	107.859	29.87	100.938
4/27/2016	21:25:17 :	80	96	103	0.5	0.4	108.373	29.87	101.425
4/27/2016	21:26:17 :	80	96	103	0.5	0.4	108.87	29.87	101.896
4/27/2016	21:27:17 :	80	95	103	0.5	0.4	109.369	29.87	102.37
4/27/2016	21:28:17 :	79	95	103	0.5	0.4	109.854	29.87	102.831
4/27/2016	21:29:17 :	80	95	103	0.5	0.4	110.293	29.87	103.248
4/27/2016	21:30:17 :	80	95	103	0.5	0.4	110.747	29.87	103.678
4/27/2016	21:31:17 :	80	95	103	0.5	0.4	111.289	29.87	104.193
4/27/2016	21:32:17 :	80	95	103	0.499	0.4	111.794	29.87	104.672
4/27/2016	21:33:17 :	80	95	103	0.5	0.4	112.264	29.87	105.118
4/27/2016	21:34:17 :	80	95	103	0.5	0.4	112.741	29.87	105.571
4/27/2016	21:35:17 :	80	95	103	0.501	0.4	113.193	29.87	106.001
4/27/2016	21:36:17 :	80	95	103	0.5	0.4	113.638	29.88	106.423
4/27/2016	21:37:17 :	80	95	103	0.5	0.4	114.164	29.88	106.922
4/27/2016	21:38:17 :	80	95	103	0.5	0.4	114.709	29.88	107.44
4/27/2016	21:39:17 :	80	95	103	0.5	0.4	115.164	29.88	107.872
4/27/2016	21:40:17 :	80	95	103	0.5	0.4	115.608	29.88	108.293
4/27/2016	21:41:17 :	80	95	103	0.5	0.4	116.092	29.88	108.752
4/27/2016	21:41:21 :	80	95	103	0.5	0.4	116.131	29.88	108.79

'

'---------- LOGGED EVENTS ----------
04/27/16 17:41:18: Test START
04/27/16 21:41:21: Actual Sampling Time: 0d 4h 0m 0s
04/27/16 21:41:21: Test END
04/27/16 23:45:11: PAUSE_EVENT -
04/28/16 17:10:22: New Trap Temperature: set to = 250F
Sample A: POST-Leak Test PASSED with minimal vacuum of 5 inHg
' NOTE: Post_Leak Test Side B Not tested
' *ALARMS LEGEND
'A - Not Used
'B - Not Used
'C - Not Used
'D - Current Loop failure for External FLOW Input
'E - Current Loop failure for External MOISTURE Input
'F - Modbus inactivity timeout
'G - Unable to maintain proportional flow for A
'H - Unable to maintain proportional flow for B
'I - High Vac-A
'J - High Vac-B
'K - Not Used
'L - Trap Temperature Out of Range
'M - Probe Temperature Out of Range
'N - Chiller Temperature Out of Range
'O - Sample Line Temperature Out of Range
'P - Console Returned from power failure
'---------- END OF ALARM LEDGENDS ----------

'---------- CONSOLE INFO ----------
' Console Name: 3210 - Ambient Air Services
' Console ID: XC30B-3210
' DAC Board ID: 3332-3130-202D-2041
'Dry Gas Meter-A ID/Gamma: 1901990 / 1.0018
'Dry Gas Meter-B ID/Gamma: 1902001 / 0.9959
' DGM cm3/Pulse: 1.93

' RTC ROM ID: 738D-014B-0000-008D
'------ SOFTWARE AND FIRMWARE VERSIONS USED FOR THIS DATA EXPORT ----------
' Software-Firmware Ver: 0320e-116
'

Configuration File: Cuba HCL 042816 Night Run 4.pro
File Exported: 4/29/2016 8:33:32 PM (PC Time).
Company Name: Cuba HCL

Sample A: PRE-Leak Test PASSED at Maximum vacuum

' Pre_Leak Test Side B Not tested

Run N4

Trap ID-A: side a
Trap ID-B: na

Test Duration (Planned): 0d 4h 0m
Test Duration (Actual) : 0d 4h 0m
Averaging Period : 1 min.

	Stack F	DGM-A F	Console F	MAS-A LPM	VAC-A in-Hg	DGM-A (L) Corr-Vol	Baro in-Hg	STD Vol_A
AVERAGES AND TEST SUMMARIES	**84.3**	**101.6**	**107.3**	**0.5**	**0.3**	**115.057**	**29.89**	**108.177**
4/28/2016 17:16:32 :	92	111	118	0.002	0	0	29.87	0
4/28/2016 17:17:31 :	91	111	118	0.511	0.3	0.414	29.87	0.382
4/28/2016 17:18:31 :	92	110	118	0.501	0.3	0.896	29.87	0.827
4/28/2016 17:19:31 :	93	110	118	0.5	0.3	1.374	29.87	1.27
4/28/2016 17:20:31 :	93	110	118	0.502	0.3	1.862	29.87	1.721
4/28/2016 17:21:31 :	93	110	118	0.5	0.3	2.393	29.87	2.211
4/28/2016 17:22:31 :	93	110	117	0.501	0.3	2.863	29.87	2.646
4/28/2016 17:23:31 :	93	110	117	0.501	0.3	3.285	29.87	3.035
4/28/2016 17:24:31 :	93	110	117	0.5	0.3	3.751	29.87	3.466
4/28/2016 17:25:31 :	93	110	117	0.5	0.3	4.268	29.87	3.944
4/28/2016 17:26:31 :	93	110	117	0.5	0.3	4.757	29.87	4.395
4/28/2016 17:27:31 :	93	110	117	0.5	0.3	5.257	29.87	4.858
4/28/2016 17:28:31 :	93	110	117	0.501	0.3	5.748	29.87	5.312
4/28/2016 17:29:31 :	91	110	117	0.5	0.3	6.185	29.87	5.715
4/28/2016 17:30:31 :	90	110	117	0.5	0.3	6.64	29.87	6.136
4/28/2016 17:31:31 :	90	110	117	0.501	0.3	7.175	29.87	6.63
4/28/2016 17:32:31 :	89	110	117	0.5	0.3	7.692	29.87	7.108
4/28/2016 17:33:31 :	89	110	116	0.5	0.3	8.15	29.87	7.531
4/28/2016 17:34:31 :	89	110	116	0.5	0.3	8.628	29.87	7.973
4/28/2016 17:35:31 :	89	110	116	0.5	0.3	9.085	29.87	8.397
4/28/2016 17:36:31 :	89	110	116	0.5	0.3	9.53	29.87	8.808
4/28/2016 17:37:31 :	88	110	116	0.5	0.3	10.048	29.87	9.287
4/28/2016 17:38:31 :	87	110	116	0.5	0.3	10.592	29.87	9.79
4/28/2016 17:39:31 :	88	110	116	0.5	0.3	11.054	29.87	10.218
4/28/2016 17:40:31 :	88	110	116	0.5	0.3	11.497	29.87	10.627
4/28/2016 17:41:31 :	88	109	116	0.5	0.3	11.986	29.87	11.08
4/28/2016 17:42:31 :	88	109	116	0.5	0.3	12.451	29.87	11.511
4/28/2016 17:43:31 :	88	109	115	0.5	0.3	12.954	29.87	11.977
4/28/2016 17:44:31 :	88	109	115	0.5	0.3	13.501	29.87	12.483
4/28/2016 17:45:31 :	88	109	115	0.5	0.3	13.967	29.88	12.915
4/28/2016 17:46:31 :	88	109	115	0.5	0.3	14.385	29.88	13.301
4/28/2016 17:47:31 :	88	109	115	0.5	0.3	14.861	29.87	13.742
4/28/2016 17:48:31 :	89	109	115	0.5	0.3	15.368	29.87	14.212
4/28/2016 17:49:31 :	89	109	115	0.5	0.3	15.865	29.87	14.672
4/28/2016 17:50:31 :	89	109	115	0.5	0.3	16.366	29.88	15.138
4/28/2016 17:51:31 :	89	109	115	0.5	0.3	16.856	29.88	15.592
4/28/2016 17:52:31 :	89	109	115	0.5	0.3	17.297	29.88	16
4/28/2016 17:53:31 :	89	109	115	0.5	0.3	17.753	29.88	16.423
4/28/2016 17:54:31 :	89	109	115	0.5	0.3	18.291	29.88	16.921
4/28/2016 17:55:31 :	89	108	115	0.5	0.3	18.792	29.88	17.386
4/28/2016 17:56:31 :	89	108	114	0.5	0.3	19.266	29.88	17.826
4/28/2016 17:57:31 :	89	108	114	0.5	0.3	19.746	29.88	18.272
4/28/2016 17:58:31 :	89	108	114	0.5	0.3	20.197	29.88	18.69

4/28/2016	17:59:31 :	89	108	114	0.5	0.3	20.64	29.89	19.101
4/28/2016	18:00:31 :	88	108	114	0.5	0.3	21.162	29.89	19.585
4/28/2016	18:01:31 :	88	108	113	0.5	0.3	21.699	29.88	20.084
4/28/2016	18:02:31 :	88	108	113	0.5	0.3	22.154	29.88	20.506
4/28/2016	18:03:31 :	88	108	113	0.5	0.3	22.607	29.88	20.927
4/28/2016	18:04:31 :	88	108	113	0.5	0.3	23.083	29.88	21.37
4/28/2016	18:05:31 :	88	108	113	0.5	0.3	23.553	29.89	21.806
4/28/2016	18:06:31 :	88	108	113	0.5	0.3	24.06	29.89	22.277
4/28/2016	18:07:31 :	88	108	113	0.5	0.3	24.607	29.89	22.785
4/28/2016	18:08:31 :	88	107	113	0.5	0.3	25.058	29.89	23.204
4/28/2016	18:09:31 :	88	107	113	0.5	0.3	25.485	29.88	23.601
4/28/2016	18:10:31 :	88	107	113	0.5	0.3	25.971	29.89	24.053
4/28/2016	18:11:31 :	87	107	113	0.5	0.3	26.456	29.89	24.503
4/28/2016	18:12:31 :	88	107	112	0.5	0.3	26.944	29.89	24.958
4/28/2016	18:13:31 :	88	107	112	0.5	0.3	27.47	29.89	25.447
4/28/2016	18:14:31 :	87	107	112	0.5	0.3	27.946	29.89	25.89
4/28/2016	18:15:31 :	87	107	112	0.5	0.3	28.362	29.89	26.277
4/28/2016	18:16:31 :	88	107	112	0.5	0.3	28.819	29.89	26.702
4/28/2016	18:17:31 :	87	107	112	0.5	0.3	29.343	29.89	27.19
4/28/2016	18:18:31 :	87	107	112	0.5	0.3	29.857	29.89	27.668
4/28/2016	18:19:31 :	87	106	112	0.5	0.3	30.344	29.89	28.122
4/28/2016	18:20:31 :	87	106	112	0.5	0.3	30.833	29.89	28.578
4/28/2016	18:21:31 :	87	106	112	0.5	0.3	31.262	29.89	28.978
4/28/2016	18:22:31 :	87	106	111	0.5	0.3	31.711	29.89	29.396
4/28/2016	18:23:31 :	86	106	111	0.5	0.3	32.245	29.89	29.893
4/28/2016	18:24:31 :	86	106	111	0.5	0.3	32.767	29.9	30.38
4/28/2016	18:25:31 :	87	106	111	0.5	0.3	33.219	29.9	30.801
4/28/2016	18:26:31 :	86	106	111	0.5	0.3	33.693	29.89	31.243
4/28/2016	18:27:31 :	86	106	111	0.5	0.3	34.153	29.89	31.673
4/28/2016	18:28:31 :	86	106	111	0.5	0.3	34.599	29.9	32.089
4/28/2016	18:29:31 :	86	105	110	0.5	0.3	35.11	29.89	32.565
4/28/2016	18:30:31 :	85	105	110	0.5	0.3	35.659	29.89	33.078
4/28/2016	18:31:31 :	84	105	110	0.5	0.3	36.123	29.89	33.51
4/28/2016	18:32:31 :	84	105	110	0.5	0.3	36.56	29.89	33.918
4/28/2016	18:33:31 :	84	105	110	0.5	0.3	37.046	29.88	34.371
4/28/2016	18:34:31 :	84	105	110	0.5	0.3	37.505	29.88	34.801
4/28/2016	18:35:31 :	84	105	110	0.5	0.3	38.012	29.89	35.274
4/28/2016	18:36:31 :	84	105	109	0.5	0.3	38.555	29.88	35.781
4/28/2016	18:37:31 :	84	105	109	0.5	0.3	39.015	29.88	36.21
4/28/2016	18:38:31 :	84	104	109	0.5	0.3	39.431	29.89	36.599
4/28/2016	18:39:31 :	84	104	109	0.5	0.3	39.909	29.88	37.046
4/28/2016	18:40:31 :	84	104	109	0.5	0.3	40.408	29.89	37.512
4/28/2016	18:41:31 :	83	104	109	0.5	0.3	40.896	29.89	37.969
4/28/2016	18:42:31 :	83	104	109	0.5	0.3	41.409	29.88	38.449
4/28/2016	18:43:31 :	83	104	108	0.5	0.3	41.888	29.89	38.897
4/28/2016	18:44:31 :	83	104	108	0.5	0.3	42.314	29.89	39.295
4/28/2016	18:45:31 :	83	104	108	0.5	0.3	42.769	29.89	39.721
4/28/2016	18:46:31 :	83	103	108	0.5	0.3	43.298	29.89	40.216
4/28/2016	18:47:31 :	82	103	108	0.5	0.3	43.807	29.89	40.693
4/28/2016	18:48:31 :	82	103	108	0.5	0.3	44.289	29.89	41.144
4/28/2016	18:49:31 :	82	103	108	0.5	0.3	44.771	29.89	41.596
4/28/2016	18:50:31 :	82	103	107	0.5	0.3	45.201	29.89	41.999
4/28/2016	18:51:31 :	82	103	107	0.5	0.3	45.645	29.89	42.415
4/28/2016	18:52:31 :	82	103	107	0.5	0.3	46.181	29.89	42.918
4/28/2016	18:53:31 :	82	103	107	0.5	0.3	46.705	29.89	43.409
4/28/2016	18:54:31 :	82	102	107	0.5	0.3	47.156	29.89	43.832
4/28/2016	18:55:31 :	82	102	107	0.5	0.3	47.622	29.89	44.269
4/28/2016	18:56:31 :	82	102	107	0.5	0.3	48.085	29.89	44.704
4/28/2016	18:57:31 :	82	102	107	0.5	0.3	48.53	29.89	45.122
4/28/2016	18:58:31 :	82	102	106	0.5	0.3	49.039	29.89	45.6
4/28/2016	18:59:31 :	82	102	106	0.5	0.3	49.586	29.89	46.114

4/28/2016	19:00:31 :	82	102	106	0.5	0.3	50.05	29.89	46.55
4/28/2016	19:01:31 :	82	102	106	0.5	0.3	50.485	29.89	46.958
4/28/2016	19:02:31 :	82	101	106	0.5	0.3	50.967	29.89	47.411
4/28/2016	19:03:31 :	82	101	106	0.5	0.3	51.428	29.89	47.845
4/28/2016	19:04:31 :	82	101	106	0.5	0.3	51.933	29.89	48.32
4/28/2016	19:05:31 :	82	101	106	0.5	0.3	52.474	29.89	48.829
4/28/2016	19:06:31 :	82	101	105	0.5	0.3	52.933	29.89	49.261
4/28/2016	19:07:31 :	82	101	105	0.5	0.3	53.349	29.89	49.652
4/28/2016	19:08:31 :	82	101	105	0.5	0.3	53.828	29.89	50.102
4/28/2016	19:09:31 :	82	101	105	0.5	0.3	54.325	29.89	50.57
4/28/2016	19:10:31 :	82	100	105	0.5	0.3	54.814	29.9	51.031
4/28/2016	19:11:31 :	82	100	105	0.5	0.3	55.328	29.89	51.516
4/28/2016	19:12:31 :	82	100	105	0.5	0.3	55.804	29.89	51.964
4/28/2016	19:13:31 :	82	100	105	0.5	0.3	56.225	29.89	52.36
4/28/2016	19:14:31 :	82	100	105	0.5	0.3	56.682	29.89	52.79
4/28/2016	19:15:31 :	82	99	105	0.5	0.3	57.21	29.9	53.288
4/28/2016	19:16:31 :	82	99	105	0.5	0.3	57.718	29.9	53.767
4/28/2016	19:17:31 :	82	99	105	0.5	0.3	58.204	29.89	54.225
4/28/2016	19:18:31 :	82	99	105	0.5	0.3	58.684	29.89	54.679
4/28/2016	19:19:31 :	82	99	104	0.5	0.3	59.108	29.89	55.078
4/28/2016	19:20:31 :	82	99	104	0.5	0.3	59.557	29.89	55.502
4/28/2016	19:21:31 :	82	99	104	0.5	0.3	60.092	29.9	56.007
4/28/2016	19:22:31 :	82	99	104	0.5	0.3	60.611	29.9	56.496
4/28/2016	19:23:31 :	82	99	104	0.5	0.3	61.063	29.9	56.923
4/28/2016	19:24:31 :	82	99	104	0.5	0.3	61.531	29.9	57.364
4/28/2016	19:25:31 :	82	98	104	0.5	0.3	61.987	29.9	57.796
4/28/2016	19:26:31 :	82	98	104	0.5	0.3	62.43	29.89	58.214
4/28/2016	19:27:31 :	82	98	104	0.5	0.3	62.948	29.89	58.703
4/28/2016	19:28:31 :	82	98	104	0.5	0.3	63.489	29.89	59.214
4/28/2016	19:29:31 :	82	98	104	0.5	0.3	63.942	29.9	59.642
4/28/2016	19:30:31 :	82	98	104	0.5	0.3	64.383	29.9	60.059
4/28/2016	19:31:31 :	82	98	104	0.5	0.3	64.865	29.9	60.514
4/28/2016	19:32:31 :	81	98	104	0.5	0.3	65.326	29.9	60.951
4/28/2016	19:33:31 :	81	98	104	0.5	0.3	65.833	29.89	61.43
4/28/2016	19:34:31 :	81	98	103	0.5	0.3	66.382	29.89	61.949
4/28/2016	19:35:31 :	81	98	103	0.5	0.3	66.825	29.89	62.368
4/28/2016	19:36:31 :	81	98	103	0.5	0.3	67.248	29.89	62.767
4/28/2016	19:37:31 :	81	98	103	0.5	0.3	67.73	29.89	63.223
4/28/2016	19:38:31 :	81	97	103	0.5	0.3	68.221	29.89	63.687
4/28/2016	19:39:31 :	81	97	103	0.5	0.3	68.706	29.89	64.147
4/28/2016	19:40:31 :	81	97	103	0.5	0.3	69.232	29.9	64.645
4/28/2016	19:41:31 :	81	97	103	0.5	0.3	69.698	29.89	65.086
4/28/2016	19:42:31 :	81	97	103	0.5	0.3	70.117	29.89	65.482
4/28/2016	19:43:31 :	81	97	103	0.5	0.3	70.576	29.89	65.916
4/28/2016	19:44:31 :	81	97	103	0.5	0.3	71.094	29.89	66.406
4/28/2016	19:45:31 :	81	97	103	0.5	0.3	71.597	29.89	66.882
4/28/2016	19:46:31 :	81	97	103	0.5	0.3	72.088	29.89	67.347
4/28/2016	19:47:31 :	82	97	103	0.5	0.3	72.567	29.89	67.802
4/28/2016	19:48:31 :	82	97	103	0.5	0.3	72.998	29.89	68.21
4/28/2016	19:49:31 :	82	97	103	0.5	0.3	73.449	29.9	68.637
4/28/2016	19:50:31 :	82	97	103	0.5	0.3	73.986	29.9	69.146
4/28/2016	19:51:31 :	82	97	103	0.5	0.3	74.491	29.9	69.624
4/28/2016	19:52:31 :	82	97	102	0.5	0.3	74.953	29.9	70.062
4/28/2016	19:53:31 :	82	97	102	0.5	0.3	75.429	29.89	70.513
4/28/2016	19:54:31 :	82	96	102	0.5	0.3	75.877	29.89	70.938
4/28/2016	19:55:31 :	82	96	102	0.5	0.3	76.31	29.89	71.348
4/28/2016	19:56:31 :	82	96	102	0.5	0.3	76.84	29.89	71.851
4/28/2016	19:57:31 :	82	96	102	0.5	0.3	77.37	29.89	72.353
4/28/2016	19:58:31 :	82	96	102	0.5	0.3	77.822	29.9	72.782
4/28/2016	19:59:31 :	82	96	102	0.5	0.3	78.271	29.9	73.207
4/28/2016	20:00:31 :	82	96	102	0.5	0.3	78.746	29.9	73.659

4/28/2016	20:01:31 :	82	96	102	0.5	0.3	79.206	29.9	74.095
4/28/2016	20:02:31 :	82	96	102	0.5	0.3	79.711	29.9	74.574
4/28/2016	20:03:31 :	82	96	102	0.5	0.3	80.26	29.9	75.095
4/28/2016	20:04:31 :	82	96	102	0.5	0.3	80.707	29.9	75.519
4/28/2016	20:05:31 :	82	96	102	0.5	0.3	81.14	29.89	75.929
4/28/2016	20:06:31 :	82	96	102	0.5	0.3	81.622	29.89	76.387
4/28/2016	20:07:31 :	82	96	102	0.5	0.3	82.085	29.89	76.827
4/28/2016	20:08:31 :	82	96	102	0.5	0.3	82.584	29.89	77.301
4/28/2016	20:09:31 :	82	96	102	0.5	0.3	83.122	29.89	77.811
4/28/2016	20:10:31 :	82	96	102	0.5	0.3	83.58	29.89	78.246
4/28/2016	20:11:31 :	82	96	102	0.5	0.3	83.99	29.89	78.635
4/28/2016	20:12:31 :	82	96	102	0.5	0.3	84.464	29.89	79.084
4/28/2016	20:13:31 :	82	96	102	0.5	0.3	84.967	29.89	79.562
4/28/2016	20:14:31 :	82	96	102	0.5	0.3	85.46	29.89	80.029
4/28/2016	20:15:31 :	82	96	102	0.5	0.3	85.964	29.89	80.509
4/28/2016	20:16:31 :	82	95	102	0.5	0.3	86.44	29.89	80.961
4/28/2016	20:17:31 :	82	95	102	0.5	0.3	86.865	29.9	81.364
4/28/2016	20:18:31 :	81	95	102	0.5	0.3	87.316	29.9	81.793
4/28/2016	20:19:31 :	80	95	102	0.5	0.3	87.848	29.9	82.298
4/28/2016	20:20:31 :	79	95	102	0.5	0.3	88.352	29.9	82.777
4/28/2016	20:21:31 :	80	95	102	0.5	0.3	88.834	29.9	83.234
4/28/2016	20:22:31 :	80	95	102	0.5	0.3	89.314	29.9	83.691
4/28/2016	20:23:31 :	80	95	102	0.5	0.3	89.738	29.9	84.094
4/28/2016	20:24:31 :	81	95	101	0.5	0.3	90.181	29.9	84.515
4/28/2016	20:25:31 :	80	95	102	0.5	0.3	90.719	29.9	85.026
4/28/2016	20:26:31 :	80	95	101	0.5	0.3	91.237	29.9	85.518
4/28/2016	20:27:31 :	81	95	102	0.5	0.3	91.688	29.9	85.946
4/28/2016	20:28:31 :	81	95	101	0.5	0.3	92.156	29.9	86.391
4/28/2016	20:29:31 :	81	95	101	0.5	0.3	92.609	29.9	86.822
4/28/2016	20:30:31 :	81	95	101	0.5	0.3	93.05	29.9	87.241
4/28/2016	20:31:31 :	81	95	101	0.5	0.3	93.568	29.91	87.733
4/28/2016	20:32:31 :	81	95	101	0.5	0.3	94.11	29.91	88.248
4/28/2016	20:33:31 :	81	95	101	0.5	0.3	94.557	29.91	88.673
4/28/2016	20:34:31 :	81	95	102	0.5	0.3	94.998	29.91	89.092
4/28/2016	20:35:31 :	82	95	101	0.5	0.3	95.479	29.91	89.549
4/28/2016	20:36:31 :	82	95	101	0.5	0.3	95.939	29.91	89.987
4/28/2016	20:37:31 :	82	95	101	0.5	0.3	96.443	29.91	90.466
4/28/2016	20:38:31 :	82	95	101	0.5	0.3	96.991	29.91	90.987
4/28/2016	20:39:31 :	81	95	101	0.5	0.3	97.433	29.91	91.407
4/28/2016	20:40:31 :	81	95	101	0.5	0.3	97.857	29.91	91.81
4/28/2016	20:41:31 :	80	95	101	0.5	0.3	98.339	29.91	92.269
4/28/2016	20:42:31 :	79	95	101	0.5	0.3	98.824	29.91	92.73
4/28/2016	20:43:31 :	79	95	101	0.5	0.3	99.307	29.91	93.19
4/28/2016	20:44:31 :	80	95	101	0.5	0.3	99.838	29.91	93.695
4/28/2016	20:45:31 :	81	95	101	0.5	0.3	100.301	29.91	94.136
4/28/2016	20:46:31 :	81	95	101	0.5	0.3	100.713	29.91	94.527
4/28/2016	20:47:31 :	82	95	101	0.5	0.3	101.183	29.91	94.974
4/28/2016	20:48:31 :	81	95	101	0.5	0.3	101.693	29.91	95.46
4/28/2016	20:49:31 :	81	95	101	0.5	0.3	102.185	29.91	95.928
4/28/2016	20:50:31 :	81	95	101	0.5	0.3	102.682	29.91	96.401
4/28/2016	20:51:31 :	81	95	101	0.5	0.3	103.162	29.91	96.858
4/28/2016	20:52:31 :	81	95	101	0.5	0.3	103.593	29.91	97.268
4/28/2016	20:53:31 :	81	95	101	0.5	0.3	104.042	29.91	97.695
4/28/2016	20:54:31 :	81	95	101	0.5	0.3	104.574	29.91	98.201
4/28/2016	20:55:31 :	81	95	101	0.5	0.3	105.075	29.91	98.677
4/28/2016	20:56:31 :	82	95	101	0.5	0.3	105.551	29.91	99.13
4/28/2016	20:57:31 :	82	95	101	0.5	0.3	106.032	29.92	99.588
4/28/2016	20:58:31 :	82	95	101	0.5	0.3	106.465	29.92	100.001
4/28/2016	20:59:31 :	82	95	101	0.5	0.3	106.904	29.92	100.418
4/28/2016	21:00:31 :	82	95	101	0.5	0.3	107.439	29.92	100.927
4/28/2016	21:01:31 :	81	95	101	0.5	0.3	107.961	29.92	101.424

4/28/2016	21:02:31 :	81	95	101	0.5	0.3	108.406	29.92	101.847
4/28/2016	21:03:31 :	81	95	101	0.5	0.3	108.87	29.92	102.288
4/28/2016	21:04:31 :	81	95	101	0.5	0.3	109.326	29.92	102.723
4/28/2016	21:05:31 :	81	95	101	0.5	0.3	109.769	29.92	103.145
4/28/2016	21:06:31 :	81	95	101	0.5	0.3	110.285	29.92	103.635
4/28/2016	21:07:31 :	81	95	101	0.5	0.3	110.827	29.92	104.151
4/28/2016	21:08:31 :	81	95	101	0.5	0.3	111.277	29.92	104.579
4/28/2016	21:09:31 :	81	95	101	0.5	0.3	111.716	29.92	104.997
4/28/2016	21:10:31 :	81	95	101	0.499	0.3	112.192	29.92	105.45
4/28/2016	21:11:31 :	81	95	101	0.5	0.3	112.653	29.92	105.889
4/28/2016	21:12:31 :	81	95	101	0.5	0.3	113.16	29.92	106.372
4/28/2016	21:13:31 :	81	95	101	0.5	0.3	113.707	29.92	106.892
4/28/2016	21:14:31 :	81	95	101	0.5	0.3	114.148	29.92	107.312
4/28/2016	21:15:31 :	81	95	101	0.5	0.3	114.572	29.92	107.715
4/28/2016	21:16:31 :	81	95	101	0.5	0.3	115.052	29.92	108.172
4/28/2016	21:16:32 :	81	95	101	0.5	0.3	115.057	29.92	108.177

'

'---------- LOGGED EVENTS ----------

04/28/16 17:16:32: Test START
04/28/16 21:16:32: Actual Sampling Time: 0d 4h 0m 0s
04/28/16 21:16:32: Test END
04/29/16 15:58:41: PAUSE_EVENT -
Sample A: POST-Leak Test PASSED with minimal vacuum of 5 inHg
' NOTE: Post_Leak Test Side B Not tested
' *ALARMS LEGEND
'A - Not Used
'B - Not Used
'C - Not Used
'D - Current Loop failure for External FLOW Input
'E - Current Loop failure for External MOISTURE Input
'F - Modbus inactivity timeout
'G - Unable to maintain proportional flow for A
'H - Unable to maintain proportional flow for B
'I - High Vac-A
'J - High Vac-B
'K - Not Used
'L - Trap Temperature Out of Range
'M - Probe Temperature Out of Range
'N - Chiller Temperature Out of Range
'O - Sample Line Temperature Out of Range
'P - Console Returned from power failure
'---------- END OF ALARM LEDGENDS ----------

'---------- CONSOLE INFO ----------
' Console Name: 3210 - Ambient Air Services
' Console ID: XC30B-3210
' DAC Board ID: 3332-3130-202D-2041
'Dry Gas Meter-A ID/Gamma: 1901990 / 1.0018
'Dry Gas Meter-B ID/Gamma: 1902001 / 0.9959
' DGM cm3/Pulse: 1.93

' RTC ROM ID: 738D-014B-0000-008D
'------ SOFTWARE AND FIRMWARE VERSIONS USED FOR THIS DATA EXPORT ----------
' Software-Firmware Ver: 0320e-116

Configuration File: Cuba HCL 042916 Night Run 5.pro
File Exported: 4/29/2016 8:33:44 PM (PC Time).
Company Name: Cuba HCL

Sample A: PRE-Leak Test PASSED at Maximum vacuum

' Pre_Leak Test Side B Not tested

Run N5

Trap ID-A: side a
Trap ID-B: na

Test Duration (Planned): 0d 4h 0m
Test Duration (Actual) : 0d 4h 22m
Averaging Period : 1 min.

		Stack F	DGM-A F	Console F	MAS-A LPM	VAC-A in-Hg	DGM-A (L) Corr-Vol	Baro in-Hg	STD Vol_A
AVERAGES AND TEST SUMMARIES		**84.2**	**102**	**107.8**	**0.501**	**0.3**	**115.632**	**29.85**	**108.488**
4/29/2016	16:00:08 :	94	114	119	0.002	0	0	29.84	0
4/29/2016	16:00:15 :User Paus	94	114	119	1.209	0.7	0.071	29.84	0.065
4/29/2016	16:22:26 :Resumed	95	112	118	0.001	0	0.071	29.84	0.065
4/29/2016	16:23:26 :	95	112	118	0.545	0.3	0.599	29.83	0.551
4/29/2016	16:24:26 :	95	111	118	0.5	0.3	1.112	29.83	1.024
4/29/2016	16:25:26 :	95	111	118	0.5	0.3	1.595	29.83	1.469
4/29/2016	16:26:26 :	95	111	118	0.5	0.3	2.085	29.83	1.921
4/29/2016	16:27:26 :	95	111	118	0.5	0.3	2.514	29.83	2.317
4/29/2016	16:28:26 :	95	111	118	0.5	0.3	2.966	29.83	2.734
4/29/2016	16:29:26 :	95	111	118	0.5	0.3	3.499	29.83	3.225
4/29/2016	16:30:26 :	94	111	118	0.5	0.3	4.018	29.83	3.704
4/29/2016	16:31:26 :	93	111	118	0.5	0.3	4.484	29.83	4.133
4/29/2016	16:32:26 :	94	111	118	0.5	0.3	4.954	29.83	4.567
4/29/2016	16:33:26 :	94	111	118	0.5	0.3	5.422	29.83	4.998
4/29/2016	16:34:26 :	94	111	118	0.5	0.3	5.884	29.83	5.424
4/29/2016	16:35:26 :	93	111	118	0.5	0.3	6.374	29.83	5.876
4/29/2016	16:36:26 :	92	111	118	0.5	0.3	6.929	29.83	6.388
4/29/2016	16:37:26 :	92	111	118	0.5	0.3	7.403	29.83	6.825
4/29/2016	16:38:26 :	91	111	118	0.5	0.3	7.84	29.82	7.228
4/29/2016	16:39:26 :	92	111	118	0.5	0.3	8.329	29.83	7.678
4/29/2016	16:40:26 :	92	111	118	0.5	0.3	8.805	29.83	8.117
4/29/2016	16:41:26 :	91	111	118	0.5	0.3	9.304	29.82	8.577
4/29/2016	16:42:26 :	91	111	117	0.5	0.3	9.84	29.82	9.071
4/29/2016	16:43:26 :	91	111	117	0.5	0.3	10.314	29.83	9.508
4/29/2016	16:44:26 :	91	110	117	0.5	0.3	10.748	29.82	9.909
4/29/2016	16:45:26 :	91	110	117	0.5	0.3	11.204	29.83	10.33
4/29/2016	16:46:26 :	92	110	117	0.5	0.3	11.73	29.83	10.815
4/29/2016	16:47:26 :	92	110	117	0.5	0.3	12.249	29.82	11.294
4/29/2016	16:48:26 :	92	110	117	0.5	0.3	12.738	29.83	11.745
4/29/2016	16:49:26 :	92	110	116	0.5	0.3	13.229	29.83	12.198
4/29/2016	16:50:26 :	92	110	116	0.5	0.3	13.662	29.82	12.598
4/29/2016	16:51:26 :	92	110	116	0.5	0.3	14.114	29.82	13.016
4/29/2016	16:52:26 :	92	110	116	0.5	0.3	14.648	29.82	13.509
4/29/2016	16:53:26 :	92	110	116	0.5	0.3	15.178	29.82	13.998
4/29/2016	16:54:26 :	92	110	116	0.5	0.3	15.636	29.82	14.421
4/29/2016	16:55:26 :	92	110	116	0.5	0.3	16.1	29.83	14.849
4/29/2016	16:56:26 :	91	110	116	0.5	0.3	16.57	29.83	15.283
4/29/2016	16:57:26 :	91	109	115	0.501	0.3	17.036	29.82	15.714
4/29/2016	16:58:26 :	91	109	115	0.5	0.3	17.537	29.83	16.177
4/29/2016	16:59:26 :	91	109	115	0.5	0.3	18.098	29.83	16.696
4/29/2016	17:00:26 :	91	109	115	0.5	0.3	18.557	29.83	17.121
4/29/2016	17:01:26 :	90	109	115	0.5	0.3	18.994	29.83	17.525

4/29/2016	17:02:26 :	90	109	115	0.5	0.3	19.48	29.83	17.974
4/29/2016	17:03:26 :	89	109	115	0.5	0.3	19.965	29.83	18.423
4/29/2016	17:04:26 :	89	109	115	0.5	0.3	20.458	29.83	18.879
4/29/2016	17:05:26 :	88	109	115	0.5	0.3	20.99	29.83	19.371
4/29/2016	17:06:26 :	89	109	114	0.5	0.3	21.464	29.83	19.81
4/29/2016	17:07:26 :	88	109	114	0.5	0.3	21.896	29.83	20.21
4/29/2016	17:08:26 :	89	108	114	0.5	0.3	22.349	29.83	20.63
4/29/2016	17:09:26 :	88	108	113	0.5	0.3	22.881	29.83	21.123
4/29/2016	17:10:26 :	88	108	113	0.5	0.3	23.397	29.83	21.6
4/29/2016	17:11:26 :	88	108	113	0.5	0.3	23.884	29.83	22.051
4/29/2016	17:12:26 :	88	108	113	0.5	0.3	24.376	29.83	22.507
4/29/2016	17:13:26 :	88	108	113	0.5	0.3	24.807	29.83	22.907
4/29/2016	17:14:26 :	88	108	113	0.5	0.3	25.26	29.83	23.327
4/29/2016	17:15:26 :	88	108	112	0.5	0.3	25.79	29.83	23.819
4/29/2016	17:16:26 :	88	108	112	0.5	0.3	26.32	29.84	24.31
4/29/2016	17:17:26 :	88	107	112	0.5	0.3	26.782	29.83	24.739
4/29/2016	17:18:26 :	87	107	112	0.5	0.3	27.237	29.84	25.161
4/29/2016	17:19:26 :	87	107	112	0.5	0.3	27.711	29.84	25.601
4/29/2016	17:20:26 :	87	107	112	0.5	0.3	28.175	29.84	26.031
4/29/2016	17:21:26 :	87	107	112	0.5	0.3	28.68	29.84	26.5
4/29/2016	17:22:26 :	87	107	112	0.5	0.3	29.233	29.84	27.014
4/29/2016	17:23:26 :	87	107	112	0.5	0.3	29.69	29.85	27.44
4/29/2016	17:24:26 :	87	107	111	0.5	0.3	30.127	29.85	27.845
4/29/2016	17:25:26 :	87	107	111	0.5	0.3	30.615	29.85	28.299
4/29/2016	17:26:26 :	87	106	111	0.5	0.3	31.1	29.85	28.75
4/29/2016	17:27:26 :	87	106	111	0.5	0.3	31.593	29.85	29.208
4/29/2016	17:28:26 :	86	106	111	0.5	0.3	32.123	29.85	29.701
4/29/2016	17:29:26 :	86	106	111	0.5	0.3	32.595	29.84	30.14
4/29/2016	17:30:26 :	86	106	111	0.5	0.3	33.023	29.85	30.539
4/29/2016	17:31:26 :	86	106	111	0.5	0.3	33.48	29.85	30.965
4/29/2016	17:32:26 :	86	106	111	0.5	0.3	34.006	29.85	31.455
4/29/2016	17:33:26 :	86	106	110	0.5	0.3	34.524	29.85	31.937
4/29/2016	17:34:26 :	86	106	110	0.5	0.3	35.011	29.84	32.39
4/29/2016	17:35:26 :	86	105	110	0.5	0.3	35.503	29.85	32.848
4/29/2016	17:36:26 :	86	105	110	0.5	0.3	35.928	29.85	33.244
4/29/2016	17:37:26 :	86	105	110	0.5	0.3	36.382	29.85	33.668
4/29/2016	17:38:26 :	87	105	110	0.5	0.3	36.914	29.85	34.164
4/29/2016	17:39:26 :	86	105	110	0.5	0.3	37.44	29.86	34.654
4/29/2016	17:40:26 :	85	105	110	0.5	0.3	37.894	29.86	35.078
4/29/2016	17:41:26 :	84	105	109	0.5	0.3	38.362	29.86	35.514
4/29/2016	17:42:26 :	84	105	109	0.5	0.3	38.832	29.86	35.953
4/29/2016	17:43:26 :	83	105	109	0.5	0.3	39.289	29.86	36.379
4/29/2016	17:44:26 :	83	104	109	0.5	0.3	39.79	29.86	36.848
4/29/2016	17:45:26 :	84	104	109	0.5	0.3	40.341	29.86	37.362
4/29/2016	17:46:26 :	83	104	109	0.5	0.3	40.808	29.86	37.798
4/29/2016	17:47:26 :	83	104	109	0.5	0.3	41.241	29.86	38.202
4/29/2016	17:48:26 :	83	104	108	0.5	0.3	41.73	29.86	38.659
4/29/2016	17:49:26 :	83	104	108	0.5	0.3	42.194	29.86	39.093
4/29/2016	17:50:26 :	83	104	108	0.5	0.3	42.697	29.86	39.563
4/29/2016	17:51:26 :	83	104	108	0.5	0.3	43.239	29.86	40.07
4/29/2016	17:52:26 :	83	103	108	0.5	0.3	43.701	29.86	40.502
4/29/2016	17:53:26 :	83	103	108	0.5	0.3	44.118	29.85	40.892
4/29/2016	17:54:26 :	83	103	108	0.5	0.3	44.592	29.85	41.336
4/29/2016	17:55:26 :	83	103	107	0.5	0.3	45.1	29.85	41.811
4/29/2016	17:56:26 :	83	103	107	0.5	0.3	45.609	29.85	42.287
4/29/2016	17:57:26 :	83	103	107	0.5	0.3	46.1	29.85	42.747
4/29/2016	17:58:26 :	83	103	107	0.5	0.3	46.585	29.85	43.201
4/29/2016	17:59:26 :	83	102	107	0.5	0.3	47.022	29.85	43.611
4/29/2016	18:00:26 :	83	102	107	0.5	0.3	47.476	29.85	44.036
4/29/2016	18:01:26 :	83	102	107	0.5	0.3	48.014	29.85	44.54
4/29/2016	18:02:26 :	83	102	107	0.5	0.3	48.516	29.86	45.011

4/29/2016	18:03:26 :	83	102	107	0.5	0.3	48.988	29.85	45.453
4/29/2016	18:04:26 :	83	102	107	0.5	0.3	49.466	29.85	45.902
4/29/2016	18:05:26 :	83	102	106	0.5	0.3	49.919	29.85	46.326
4/29/2016	18:06:26 :	83	102	106	0.5	0.3	50.359	29.85	46.74
4/29/2016	18:07:26 :	83	102	106	0.5	0.3	50.881	29.86	47.23
4/29/2016	18:08:26 :	82	101	106	0.5	0.3	51.42	29.86	47.736
4/29/2016	18:09:26 :	81	101	106	0.5	0.3	51.883	29.86	48.17
4/29/2016	18:10:26 :	82	101	106	0.5	0.3	52.322	29.86	48.582
4/29/2016	18:11:26 :	82	101	106	0.5	0.3	52.803	29.86	49.034
4/29/2016	18:12:26 :	82	101	106	0.5	0.3	53.269	29.85	49.472
4/29/2016	18:13:26 :	81	101	105	0.5	0.3	53.776	29.86	49.948
4/29/2016	18:14:26 :	81	101	105	0.5	0.3	54.327	29.86	50.466
4/29/2016	18:15:26 :	81	101	105	0.5	0.3	54.773	29.86	50.886
4/29/2016	18:16:26 :	80	100	105	0.5	0.3	55.202	29.85	51.289
4/29/2016	18:17:26 :	80	100	105	0.5	0.3	55.684	29.85	51.742
4/29/2016	18:18:26 :	81	100	105	0.5	0.3	56.173	29.85	52.202
4/29/2016	18:19:26 :	81	99	105	0.5	0.3	56.666	29.86	52.666
4/29/2016	18:20:26 :	81	99	105	0.5	0.3	57.189	29.85	53.159
4/29/2016	18:21:26 :	81	99	104	0.5	0.3	57.66	29.85	53.602
4/29/2016	18:22:26 :	81	99	104	0.5	0.3	58.087	29.85	54.005
4/29/2016	18:23:26 :	81	99	104	0.5	0.3	58.538	29.85	54.429
4/29/2016	18:24:26 :	81	99	104	0.5	0.3	59.064	29.85	54.925
4/29/2016	18:25:26 :	81	99	104	0.5	0.3	59.578	29.86	55.409
4/29/2016	18:26:26 :	81	99	104	0.5	0.3	60.062	29.85	55.865
4/29/2016	18:27:26 :	81	99	104	0.5	0.3	60.545	29.85	56.32
4/29/2016	18:28:26 :	81	99	104	0.5	0.3	60.974	29.85	56.724
4/29/2016	18:29:26 :	82	98	104	0.5	0.3	61.422	29.85	57.148
4/29/2016	18:30:26 :	82	98	104	0.5	0.3	61.958	29.85	57.653
4/29/2016	18:31:26 :	81	98	104	0.5	0.3	62.474	29.85	58.14
4/29/2016	18:32:26 :	81	98	104	0.5	0.3	62.933	29.85	58.573
4/29/2016	18:33:26 :	81	98	104	0.5	0.3	63.403	29.85	59.016
4/29/2016	18:34:26 :	81	98	104	0.5	0.3	63.859	29.85	59.446
4/29/2016	18:35:26 :	79	98	104	0.5	0.3	64.31	29.85	59.871
4/29/2016	18:36:26 :	79	98	104	0.5	0.3	64.817	29.85	60.35
4/29/2016	18:37:26 :	80	98	104	0.5	0.3	65.361	29.85	60.863
4/29/2016	18:38:26 :	81	98	104	0.5	0.3	65.827	29.84	61.302
4/29/2016	18:39:26 :	80	98	104	0.5	0.3	66.256	29.84	61.707
4/29/2016	18:40:26 :	80	98	104	0.5	0.3	66.742	29.85	62.166
4/29/2016	18:41:26 :	80	98	104	0.5	0.3	67.206	29.85	62.604
4/29/2016	18:42:26 :	81	98	104	0.5	0.3	67.713	29.85	63.082
4/29/2016	18:43:26 :	81	98	104	0.5	0.3	68.26	29.85	63.599
4/29/2016	18:44:26 :	80	98	104	0.5	0.3	68.704	29.85	64.019
4/29/2016	18:45:26 :	79	98	104	0.5	0.3	69.127	29.85	64.418
4/29/2016	18:46:26 :	79	98	104	0.5	0.3	69.609	29.85	64.873
4/29/2016	18:47:26 :	80	98	104	0.5	0.3	70.098	29.85	65.334
4/29/2016	18:48:26 :	81	97	104	0.5	0.3	70.584	29.85	65.793
4/29/2016	18:49:26 :	81	97	104	0.5	0.3	71.111	29.85	66.291
4/29/2016	18:50:26 :	82	97	104	0.5	0.3	71.581	29.85	66.735
4/29/2016	18:51:26 :	82	97	104	0.5	0.3	72	29.85	67.132
4/29/2016	18:52:26 :	82	97	104	0.5	0.3	72.459	29.85	67.565
4/29/2016	18:53:26 :	82	97	105	0.5	0.3	72.983	29.85	68.06
4/29/2016	18:54:26 :	82	97	104	0.5	0.3	73.495	29.85	68.544
4/29/2016	18:55:26 :	82	97	104	0.5	0.3	73.975	29.85	68.998
4/29/2016	18:56:26 :	82	97	104	0.5	0.3	74.46	29.85	69.456
4/29/2016	18:57:26 :	82	97	104	0.5	0.3	74.886	29.85	69.858
4/29/2016	18:58:26 :	81	97	104	0.5	0.3	75.337	29.85	70.285
4/29/2016	18:59:26 :	81	97	104	0.5	0.3	75.871	29.85	70.79
4/29/2016	19:00:26 :	81	97	104	0.5	0.3	76.382	29.85	71.272
4/29/2016	19:01:26 :	81	97	104	0.5	0.3	76.844	29.85	71.709
4/29/2016	19:02:26 :	81	97	104	0.5	0.3	77.316	29.85	72.155
4/29/2016	19:03:26 :	81	97	104	0.5	0.3	77.765	29.85	72.579

4/29/2016	19:04:26 :	81	97	104	0.5	0.3	78.2	29.85	72.99
4/29/2016	19:05:26 :	81	97	104	0.5	0.3	78.727	29.85	73.489
4/29/2016	19:06:26 :	81	97	104	0.5	0.3	79.26	29.85	73.993
4/29/2016	19:07:26 :	82	97	104	0.5	0.3	79.711	29.85	74.419
4/29/2016	19:08:26 :	81	97	104	0.5	0.3	80.154	29.85	74.838
4/29/2016	19:09:26 :	81	97	104	0.5	0.3	80.634	29.85	75.292
4/29/2016	19:10:26 :	81	97	104	0.5	0.3	81.098	29.85	75.731
4/29/2016	19:11:26 :	80	97	103	0.5	0.3	81.597	29.85	76.203
4/29/2016	19:12:26 :	80	97	103	0.5	0.3	82.148	29.84	76.724
4/29/2016	19:13:26 :	79	97	103	0.5	0.3	82.596	29.84	77.148
4/29/2016	19:14:26 :	79	97	103	0.5	0.3	83.023	29.84	77.552
4/29/2016	19:15:26 :	79	97	103	0.5	0.3	83.509	29.84	78.011
4/29/2016	19:16:26 :	80	97	103	0.5	0.3	83.982	29.85	78.458
4/29/2016	19:17:26 :	81	97	103	0.5	0.3	84.476	29.85	78.926
4/29/2016	19:18:26 :	81	97	103	0.5	0.3	85.011	29.85	79.432
4/29/2016	19:19:26 :	81	97	103	0.5	0.3	85.472	29.85	79.868
4/29/2016	19:20:26 :	81	97	103	0.5	0.3	85.883	29.85	80.257
4/29/2016	19:21:26 :	81	97	103	0.5	0.3	86.355	29.85	80.703
4/29/2016	19:22:26 :	80	96	103	0.5	0.3	86.867	29.85	81.188
4/29/2016	19:23:26 :	80	96	103	0.5	0.3	87.358	29.85	81.653
4/29/2016	19:24:26 :	80	96	103	0.5	0.3	87.859	29.85	82.127
4/29/2016	19:25:26 :	80	96	103	0.5	0.3	88.343	29.86	82.585
4/29/2016	19:26:26 :	80	96	103	0.5	0.3	88.776	29.85	82.995
4/29/2016	19:27:26 :	80	96	103	0.5	0.3	89.226	29.85	83.422
4/29/2016	19:28:26 :	79	96	102	0.5	0.3	89.757	29.85	83.925
4/29/2016	19:29:26 :	79	96	102	0.5	0.3	90.262	29.85	84.403
4/29/2016	19:30:26 :	79	96	102	0.5	0.3	90.734	29.85	84.849
4/29/2016	19:31:26 :	80	96	102	0.5	0.3	91.212	29.85	85.302
4/29/2016	19:32:26 :	79	96	102	0.5	0.3	91.655	29.86	85.721
4/29/2016	19:33:26 :	79	96	102	0.5	0.3	92.091	29.86	86.135
4/29/2016	19:34:26 :	79	96	102	0.5	0.3	92.623	29.86	86.639
4/29/2016	19:35:26 :	79	96	102	0.5	0.3	93.149	29.86	87.138
4/29/2016	19:36:26 :	79	96	102	0.5	0.3	93.595	29.86	87.56
4/29/2016	19:37:26 :	79	96	102	0.5	0.3	94.056	29.85	87.997
4/29/2016	19:38:26 :	79	96	102	0.5	0.3	94.52	29.85	88.437
4/29/2016	19:39:26 :	79	96	102	0.5	0.3	94.969	29.85	88.862
4/29/2016	19:40:26 :	80	96	102	0.5	0.3	95.477	29.86	89.344
4/29/2016	19:41:26 :	79	96	102	0.5	0.3	96.023	29.86	89.861
4/29/2016	19:42:26 :	79	96	102	0.5	0.3	96.482	29.86	90.297
4/29/2016	19:43:26 :	79	96	102	0.5	0.3	96.913	29.86	90.705
4/29/2016	19:44:26 :	79	96	102	0.5	0.3	97.395	29.86	91.162
4/29/2016	19:45:26 :	79	96	102	0.5	0.3	97.853	29.87	91.596
4/29/2016	19:46:26 :	79	95	102	0.5	0.3	98.36	29.86	92.077
4/29/2016	19:47:26 :	79	95	102	0.5	0.3	98.905	29.86	92.595
4/29/2016	19:48:26 :	79	95	102	0.5	0.3	99.36	29.86	93.026
4/29/2016	19:49:26 :	79	95	102	0.5	0.3	99.767	29.86	93.413
4/29/2016	19:50:26 :	79	95	101	0.5	0.3	100.249	29.86	93.87
4/29/2016	19:51:26 :	79	95	102	0.5	0.3	100.744	29.86	94.34
4/29/2016	19:52:26 :	79	95	101	0.5	0.3	101.229	29.86	94.8
4/29/2016	19:53:26 :	79	95	101	0.5	0.3	101.747	29.86	95.292
4/29/2016	19:54:26 :	79	95	101	0.5	0.3	102.219	29.87	95.739
4/29/2016	19:55:26 :	79	95	101	0.5	0.3	102.636	29.86	96.136
4/29/2016	19:56:26 :	79	95	101	0.499	0.3	103.091	29.86	96.567
4/29/2016	19:57:26 :	79	95	101	0.5	0.3	103.62	29.86	97.069
4/29/2016	19:58:26 :	79	95	101	0.5	0.3	104.133	29.86	97.556
4/29/2016	19:59:26 :	78	95	101	0.5	0.3	104.615	29.86	98.014
4/29/2016	20:00:26 :	79	95	101	0.5	0.3	105.094	29.86	98.469
4/29/2016	20:01:26 :	79	95	101	0.5	0.3	105.516	29.86	98.87
4/29/2016	20:02:26 :	79	95	101	0.5	0.3	105.969	29.87	99.301
4/29/2016	20:03:26 :	79	95	101	0.5	0.3	106.505	29.87	99.81
4/29/2016	20:04:26 :	79	95	101	0.5	0.3	107.014	29.87	100.293

4/29/2016	20:05:26 :	78	95	101	0.5	0.3	107.472	29.86	100.728
4/29/2016	20:06:26 :	78	95	101	0.5	0.3	107.942	29.86	101.174
4/29/2016	20:07:26 :	78	95	101	0.5	0.3	108.391	29.86	101.601
4/29/2016	20:08:26 :	78	94	101	0.5	0.3	108.83	29.86	102.018
4/29/2016	20:09:26 :	78	94	100	0.5	0.3	109.355	29.87	102.518
4/29/2016	20:10:26 :	79	94	101	0.5	0.3	109.889	29.87	103.026
4/29/2016	20:11:26 :	78	94	100	0.5	0.3	110.337	29.87	103.452
4/29/2016	20:12:26 :	79	94	100	0.5	0.3	110.78	29.87	103.873
4/29/2016	20:13:26 :	79	94	100	0.5	0.3	111.258	29.87	104.327
4/29/2016	20:14:26 :	79	94	100	0.5	0.3	111.722	29.86	104.768
4/29/2016	20:15:26 :	79	94	100	0.5	0.3	112.225	29.86	105.246
4/29/2016	20:16:26 :	79	94	100	0.5	0.3	112.776	29.87	105.77
4/29/2016	20:17:26 :	79	94	100	0.5	0.3	113.218	29.87	106.191
4/29/2016	20:18:26 :	79	94	100	0.5	0.3	113.649	29.87	106.601
4/29/2016	20:19:26 :	79	94	100	0.5	0.3	114.131	29.87	107.059
4/29/2016	20:20:26 :	79	94	100	0.5	0.3	114.601	29.87	107.506
4/29/2016	20:21:26 :	79	94	100	0.5	0.3	115.094	29.87	107.976
4/29/2016	20:22:26 :	79	94	100	0.5	0.3	115.632	29.87	108.488

'

'------------------------- LOGGED EVENTS ---------------------------------

04/29/16 16:00:08: Test START
04/29/16 16:00:15: Test Paused by User
04/29/16 16:00:15: PAUSE_EVENT [Manual Pause]
04/29/16 16:22:26: TestResumed
04/29/16 20:22:26: Actual Sampling Time: 0d 4h 0m 0s
04/29/16 20:22:26: Test END
Sample A: POST-Leak Test PASSED with minimal vacuum of 5 inHg
' *ALARMS LEGEND
'A - Not Used
'B - Not Used
'C - Not Used
'D - Current Loop failure for External FLOW Input
'E - Current Loop failure for External MOISTURE Input
'F - Modbus inactivity timeout
'G - Unable to maintain proportional flow for A
'H - Unable to maintain proportional flow for B
'I - High Vac-A
'J - High Vac-B
'K - Not Used
'L - Trap Temperature Out of Range
'M - Probe Temperature Out of Range
'N - Chiller Temperature Out of Range
'O - Sample Line Temperature Out of Range
'P - Console Returned from power failure
'------------------------ END OF ALARM LEDGENDS ----------------------------

'---------------------------- CONSOLE INFO ---------------------------------
' Console Name: 3210 - Ambient Air Services
' Console ID: XC30B-3210
' DAC Board ID: 3332-3130-202D-2041
'Dry Gas Meter-A ID/Gamma: 1901990 / 1.0018
'Dry Gas Meter-B ID/Gamma: 1902001 / 0.9959
' DGM cm3/Pulse: 1.93

' RTC ROM ID: 738D-014B-0000-008D
'------ SOFTWARE AND FIRMWARE VERSIONS USED FOR THIS DATA EXPORT -----------
' Software-Firmware Ver: 0320e-116
'

Calibration Console Serial#: XC30B-3210

Apex Instruments XC-6000 DGMs Flow Calibrations

3210-Ambient Air Services

Calibration Vol. 10 Lit. ☐ Time Based

Date/Time 09/09/10 4:05:26 PM

Barometer 749 mmHg 29.5 inHg

Console Sr # XC30B-3210

Meter-A

Serial # 1901990

WTM ID 539783

WTM Gamma 1.0001

Meter-B

Serial # 1902001

WTM ID 539784

WTM Gamma 1.0024

DGM cm³ / Pulse 1.93

☐ Console configured /w Totalizer

Ver.: 0320-116

	Flow Target 1 -> 300 Lpm Re-test		Re-comp.		Flow Target 2 -> 600 Lpm Re-test		Re-comp.		Flow Target 3 -> 900 Lpm Re-test		Re-comp.	
	A		B		A		B		A		B	
	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End
Time:	15:01:09	15:34:31	15:01:09	15:34:31	15:35:57	15:51:52	15:35:57	15:51:52	15:53:17	16:03:38	15:53:17	16:03:38
DGM Temp. (°F):	86.8	86.8	86.8	86.8	87.4	87.4	87.4	86.8	87.9	87.9	87.4	87.4
DGM or Totalizer:	0	10.001	0	10.178	0	10.001	0	10.435	0	10.007	0	10.329
Encoder Volume:	-0-	10.001	-0-	10.178	-0-	10.001	-0-	10.435	-0-	10.007	-0-	10.329
WTM Volume:	623.157	633.583	283.725	293.732	638.986	648.966	293.732	303.935	648.966	658.779	303.932	314.079
WTM Temp.(°F):	77.6	78.8	78.8	79.8	79.8	79.8	78.8	78.8	78.8	78.8	78.8	78.8

Calculate	A	B	A	B	A	B
Std WTM Flow Rate	0.29	0.29	0.61	0.62	0.92	0.95
MassFlow (avg. Lpm):	301	298	599	599	898	898
MFS Error	-0.54	-0.22	1.34	-0.81	-0.28	-0.20
Elapsed Time:	33m 03s	33m 03s	15m 50s	15m 50s	10m 18s	10m 18s
DGM Std Vol.:	9.5191	9.6875	9.5086	9.9321	9.5056	9.8205
Encoder Std Vol.:	9.5191	9.6875	9.5086	9.9321	9.5056	9.8205
WTM Std Vol.:	9.4683	9.6663	9.6373	9.8527	9.4789	9.8005
DGM Index Gamma:	0.9947	0.9978	1.0135	0.9920	0.9972	0.9980
DGM Encdr Gamma:	0.9947	0.9978	1.0135	0.9920	0.9972	0.9980

	DGM Index Gamma		*DGM Encoder Gamma*	
	1.0018	0.9959	1.0018	0.9959

Calibrated By: Eric Waters Date: 09/09/2010

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APEX INSTRUMENTS XC-6000 SENSOR AUDIT
PRESSURE TRANSDUCER
ENGLISH UNITS

Meter Console Information	
Console Model Number	XC-6000EPC
Console Serial Number	XC30B-3210
DGM Model Number	AP25
DGM A Serial Number	1901990
DGM B Serial Number	1902001

Calibration Conditions	
Date	9-Sep-10
Time	13:30
Calibration Technician	EW
Ambient Temperature (°F)	78

XC6000 Configuration	
Firmware / Software Rev.	0320-116
Modbus installed?	NO
Pitot installed?	NO
2.5L/min Rotameters?	NO

Transducer Info		
Pressure Type		Delta P
Model Number		5IN-D-4V
Range		5in H_2O
Reference Manometer Info		
Model Number		1223-36-D
Range		36in H_2O
Accuracy (% F.S.)		0.5
Calibration Data		
Reference Pressure	Displayed Pressure	Percent Error
(P_{ref})	(ΔP)	
in H_2O	in H2O	% Full Scale
0.00	0.00	0.0
4.50	4.50	0.0
	average	0.0
		N/A

Transducer Info		
Pressure Type		Barometer
Model Number		BARO-A-4V
Range		600-1100mBar
Reference Barometer Info		
Absolute Pressure Location		RDU Airport
Absolute Pressure (in Hg)		29.00
Elevation @ Apex Inst (ft)		410
Calibration Data		
Reference Pressure	Displayed Pressure	Absolute Error
(P_{ref})	(P_{bar})	(<=0.39inHg)
in Hg	in Hg	in Hg
Current Barometric Pressure		
29.55	29.57	0.02
		Pass

Transducer Info		
Pressure Type		Vacuum Ch. A
Model Number		MPS-V8U-AGE
Range		0-30 in Hg
Reference Vacuum Gauge Info		
Model Number		MPS-V8U-AGE
Range		0-30 in Hg
Accuracy (% F.S.)		1.0
Calibration Data		
Reference Pressure	Displayed Pressure	Percent Error
(Vac_{ref})	(Vac)	
in Hg	in Hg	% Full Scale
0.00	0.00	0.0
21.00	20.35	2.2
		0.0
		0.0
		0.0
		0.0
		0.0
	average	0.3
		Pass

Transducer Info		
Pressure Type		Vacuum Ch. B
Model Number		MPS-V8U-AGE
Range		0-30 in Hg
Reference Vacuum Gauge Info		
Model Number		MPS-V8U-AGE
Range		0-30 in Hg
Accuracy (% F.S.)		1.0
Calibration Data		
Reference Pressure	Displayed Pressure	Percent Error
(Vac_{ref})	(Vac)	
in Hg	in Hg	% Full Scale
0.00	0.00	0.0
22.00	20.71	4.3
		0.0
		0.0
		0.0
		0.0
		0.0
	average	0.6
		Pass

I certify that the above were calibrated in accordance with "Quality Assurance Handbook for Air Pollution Measurement Systems Vol III" and/or USEPA Methods, Title 40 CFR Parts 60 & 75.

Signature Eric Watson Date 9/9/10

APEX INSTRUMENTS XC-6000 SENSOR AUDIT
TYPE K THERMOCOUPLE TEMPERATURE SENSORS
ENGLISH UNITS

Meter Console Information	
Console Model Number	XC-6000EPC
Console Serial Number	XC30B-3210
DGM Model Number	AP25
DGM A Serial Number	1901990
DGM B Serial Number	1902001

Calibration Conditions	
Date	9-Sep-10
Time	13:30
Calibration Technician	EW
Ambient Temperature (°F)	78

XC6000 Configuration	
Current Firmware / Software Rev.	0320-116
Modbus installed?	NO
Pitot installed?	NO
2.5L/min Rotameters Installed?	NO

Thermocouple Info	
Source	Stack
Range	
Accuracy Requirement	±1%
Reference Temperature Info	
Model Number	PIE Model 520
Type	Voltage Source
Serial Number	105978
Range	0-1000°C & 0-2000°F

Calibration Data

Reference Temperature (T_{ref}) °F	Displayed Temperature (T_{stack}) °F	Percent Error % Temp
2.0	2.2	0.2
30.0	30.0	0.0
60.0	60.0	0.0
100.0	100.0	0.0
300.0	300.0	0.0
500.0	499.5	0.1
	average	0.1
		Pass

Thermocouple Info	
Source	Trap
Range	
Accuracy Requirement	±1%
Reference Temperature Info	
Model Number	PIE Model 520
Type	Voltage Source
Serial Number	105978
Range	0-1000°C & 0-2000°F

Calibration Data

Reference Temperature (T_{ref}) °F	Displayed Temperature (T_{stack}) °F	Percent Error % Temp
2.0	1.6	0.4
30.0	30.0	0.0
60.0	59.5	0.5
100.0	99.5	0.5
300.0	299.0	0.3
500.0	499.5	0.1
	average	0.3
		Pass

Thermocouple Info	
Source	Probe
Range	
Accuracy Requirement	±1%
Reference Temperature Info	
Model Number	PIE Model 520
Type	Voltage Source
Serial Number	105978
Range	0-1000°C & 0-2000°F

Calibration Data

Reference Temperature (T_{ref}) °F	Displayed Temperature (T_{stack}) °F	Percent Error % Temp
2.0	1.6	0.4
30.0	29.5	0.5
60.0	59.5	0.5
100.0	99.5	0.5
300.0	299.5	0.2
500.0	499.5	0.1
	average	0.4
		Pass

Thermocouple Info	
Source	Chiller
Range	
Accuracy Requirement	±1%
Reference Temperature Info	
Model Number	PIE Model 520
Type	Voltage Source
Serial Number	105978
Range	0-1000°C & 0-2000°F

Calibration Data

Reference Temperature (T_{ref}) °F	Displayed Temperature (T_{stack}) °F	Percent Error % Temp
2.0	1.6	0.4
30.0	29.5	0.5
60.0	59.5	0.5
100.0	99.5	0.5
300.0	299.5	0.2
500.0	499.5	0.1
	average	0.4
		Pass

Thermocouple Info	
Source	Aux
Range	
Accuracy Requirement	±1%
Reference Temperature Info	
Model Number	PIE Model 520
Type	Voltage Source
Serial Number	105978
Range	0-1000°C & 0-2000°F

Calibration Data

Reference Temperature (T_{ref}) °F	Displayed Temperature (T_{stack}) °F	Percent Error % Temp
2.0	1.1	0.9
30.0	29.0	1.0
60.0	59.5	0.5
100.0	99.5	0.5
300.0	299.0	0.3
500.0	499.5	0.1
	average	0.6
		Pass

Thermocouple Info	
Source	DGM A
Range	
Accuracy Requirement	±1%
Reference Temperature Info	
Model Number	PIE Model 520
Type	Voltage Source
Serial Number	105978
Range	0-1000°C & 0-2000°F

Calibration Data

Reference Temperature (T_{ref}) °F	Displayed Temperature (T_{stack}) °F	Percent Error % Temp
2.0	1.0	1.0
30.0	29.0	1.0
60.0	59.0	1.0
100.0	99.0	1.0
300.0	299.0	0.3
500.0	499.0	0.2
	average	0.8
		Pass

Thermocouple Info	
Source	DGM B
Range	
Accuracy Requirement	±1%
Reference Temperature Info	
Model Number	PIE Model 520
Type	Voltage Source
Serial Number	105978
Range	0-1000°C & 0-2000°F

Calibration Data

Reference Temperature (T_{ref}) °F	Displayed Temperature (T_{stack}) °F	Percent Error % Temp
2.0	1.1	0.9
30.0	29.5	0.5
60.0	59.0	1.0
100.0	99.0	1.0
300.0	299.5	0.2
500.0	499.5	0.1
	average	0.6
		Pass

I certify that the above were calibrated in accordance with "Quality Assurance Handbook for Air Pollution Measurement Systems Vol III" and/or USEPA Methods, Title 40 CFR Parts 60 & 75.

Signature Eric Webb Date 9/9/10

MultiMac JV: NSGB ACI Report

Draft 1: 113016

Ambient Air Services, Inc.

106 Ambient Airway

Starke, Florida 32091

Method 30B Post-test Console Audit	
Console ID	XB30B-3210
Technician	MEH
Project	NSGB HCL Method 26
Date:	6/23/2016

Barometric Pressure Audit	
Reference Barometric Pressure Sensor ID	Kollsman 433
Calibration Date	10/20/2015
Reference Barometric Pressure Reading (in. Hg)	30.13
Console Barometric Pressure Reading (in. Hg)	30.00
Difference (+ / - 10 mm Hg or 0.33 in. Hg)	0.13

Vacuum Audit	
Reference Vacuum Gauge ID	CP 125602
Calibration Date	2/4/2016
Reference Vacuum Gauge Reading (A-Side) (in. Hg)	21.70
Console Vacuum Reading (A-Side) (in. Hg)	21.69
Difference (+ / - 1 in. Hg)	0.01
Reference Vacuum Gauge Reading (B-Side) (in. Hg)	21.80
Console Vacuum Reading (B-Side) (in. Hg)	21.56
Difference (+ / - 1 in. Hg)	0.24

Temperature Audit	
Reference Thermometer ID	Atkins 36036-C
Calibration Date	10/26/2015
Reference Temperature Reading (^{0}F)	78.0
All Temperatures +/- 1.5% of Absolute Reference Temperature Reading	
Console DGM A Temperature Reading (^{o}F)	77.9
Percent Difference	0.1
Console DGM B Temperature Reading (^{o}F)	78.2
Percent Difference	0.3
Console Stack Temperature Reading (^{o}F)	78.9
Percent Difference	1.2
Console Chiller Temperature Reading (^{o}F)	78.4
Percent Difference	0.5

Ambient Air Services, Inc. 106 Ambient Airway Starke, Florida 32091	
Method 30B Post-test Console Audit	
Console ID	XB30B-3210
Technician	MEH
Project	NSGB HCL Method 26
Date:	6/23/2016
Dry Gas Meter Audit	
Reference Flow Meter ID	Bios DC Lite 700
Calibration Date	6/20/2016
Reference DGM A Target Flow Rate (LPM)	0.500
Reference DGM A Target Volume (L)	5
Console DGM A Audit	
Console DGM A ID	1901951
Console DGM A Gamma	0.9895
Reference DGM Start Temperature (^{o}F)	81.6
Reference DGM End Temperature (^{o}F)	82.6
Reference DGM A Volume Sampled (L)	5.17
Reference DGM A Volume Sampled (Standard L)	5.071
Console DGM A Temperature (^{o}F)	80.5
Console DGM A Volume Sampled (L)	5.014
Console DGM A Volume Sampled (Standard L)	4.911
Calculated Audit Gamma	1.0325
Difference (+/- 5% of Console Gamma Value)	4.3
Console DGM B Audit	
Console DGM B ID	1901989
Console DGM B Gamma	1.0035
Reference DGM Start Temperature (^{o}F)	82.6
Reference DGM End Temperature (^{o}F)	83.1
Reference DGM B Volume Sampled (L)	4.91
Reference DGM B Volume Sampled (Standard L)	4.809
Console DGM B Temperature (^{o}F)	83.4
Console DGM B Volume Sampled (L)	5.014
Console DGM B Volume Sampled (Standard L)	4.885
Calculated Audit Gamma	0.9845
Difference (+/- 5% of Console Gamma Value)	1.9

Technician Signature and Date: Michael Hinkel 6/23/16

QA Signature and Date: Daniel Ockenhouse 6/27/16

30B Audit Template
Rev 1
07/10/15

APPENDIX G

HYDROGEN CYANIDE EMISSIONS DATA

Example Calculations

Emissions Input Summary

Emission Run Summaries

Field Data Sheets

Field Balance Calibration

Meter Box Pre Test Calibration

Meter Box Post Test Calibration

Pitot Tube Calibration

Thermocouple Calibration

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Example Calculations, HCN Test Run 1

Facility	Naval Station Guantanamo Bay	**Source**		Air Curtain Incinerator D-1	
Location	Guantanamo Bay, Cuba	**Date**		April 18, 2016	

1. **Stack Pressure (P_s)**

$$P_s = P_{bar} + (P_g / 13.6)$$

Example.	P_{bar}	=	30.00	**P_s**	=	**29.99**	**in. Hg.**
	P_g	=	-0.20				

2. **Volume Water Vapor, ($V_{w(std)}$).**

$$V_{lc} \times 0.04706$$

Example.	V_{lc}	=	21.6	**$V_{w(std)}$**	=	**1.017**	**SCF**

3. **Meter Volume, corrected to Standard Conditions, ($V_{m(std)}$)**

$$V_m \times Y \times 17.64 (P_{bar} + (\Delta H/13.6))/T_m$$

Example.	V_m	=	29.419	**$V_{m(std)}$**	=	**28.465**	**SCF**
	P_{bar}	=	30.00				
	T_m	=	554.8				
	Y	=	1.013				
	K_1	=	17.64				
	ΔH_{avg}	=	0.5225				

4. **Total Volume Of Sample, (V_t).**

$$V_{w(std)} + V_{m(std)}$$

Example.	$V_{m(std)}$	=	28.465	**V_t**	=	**29.482**	**SCF**
	$V_{w(std)}$	=	1.017				

5. **Moisture in stack gas, volume fraction (B_{ws})**

$$V_{w(std)} / (V_{w(std)} + V_{m(std)})$$

Example.	$V_{m(std)}$	=	28.465	**B_{ws}**	=	**0.034**	
	$V_{w(std)}$	=	1.017				

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Example Calculations, HCN Test Run 1

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Date**	April 18, 2016

6. **Dry Stack Gas, volume fraction (B_{wd})**

$$= 1 - B_{ws}$$

Example.	B_{ws}	=	0.034	**B_{wd}**	=	**0.966**	

7. **Molecular Weight of Stack Gas, Dry, (M_d).**

$$= (0.44 \times \%CO2) + (0.32 \times \%O2) + (0.28 \times \%N2) + (0.28 \times \%CO)$$

Example.	CO2	=	0.2	**M_d**	=	**28.86**	
	O2	=	20.8				
	N2	=	79.0				
	CO	=	0.0				

8. **Molecular Weight of Stack Gas, Stack Conditions, (M_s).**

$$= M_d \times B_{wd} + 18.0 \times B_{ws}$$

Example.	M_d	=	28.86	**M_s**	=	**28.49**	
	B_{wd}	=	0.966				
	B_{ws}	=	0.034				

9. **Specific Gravity of Gas, Relative to Air, (G_s)**

$$= M_S / 28.99$$

Example.	M_s	=	28.49	**G_s**	=	**0.983**	

10. **Velocity of Stack Gas, as feet per minute, (v_s).**

$$= (K_p \times C_p \times (\Delta p_{avg})\text{^}.5 \times (T_{s(abs)} / (P_s \times M_s))\text{^}.5) \times 60$$

Example.	C_p	=	0.84	**v_s**	=	**941.1**	**FPM**
	(Δp_{avg})^.5	=	0.2415				
	$T_{s(abs)}$	=	699.1				
	P_s	=	29.99				
	M_s	=	28.49				
	K_p	=	85.49				

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Example Calculations, HCN Test Run 1

Facility	**Naval Station Guantanamo Bay**	**Source**		**Air Curtain Incinerator D-1**	
Location	**Guantanamo Bay, Cuba**	**Date**		**April 18, 2016**	

11. **Percent Isokinetic Sampled, (I)**

$$I = (100 \times V_{m(std)} \times 29.92 \times T_{s(abs)}) / (528 \times v_s \times \Theta \times A_n \times P_s \times B_{wd})$$

Example.	A_n	=	0.0006379	**I**	=	**108**	**%**
	Θ	=	60.00	P_{std}	=	29.92	
	$V_{m(std)}$	=	28.465	T_{std}	=	528	
	$T_{s(abs)}$	=	699.1	P_s	=	29.99	
	v_s	=	941.1	B_{wd}	=	0.966	

12. **Hydrogen Cyanide Mass, Blank Corrected, M_{HCN}**

$$M_{HCN} = M_{HCNraw} - M_{HCNfb}$$

Example.	M_{HCNraw}	=	160.50	M_{HCN}	=	**150.8**	**ug**
	M_{HCNfb}	=	9.66				

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Example Calculations, HCN Test Run 1

Facility	**Naval Station Guantanamo Bay**	**Source**		**Air Curtain Incinerator D-1**	
Location	**Guantanamo Bay, Cuba**	**Date**		**April 18, 2016**	

12. **Hydrogen Cyanide Emission Rate, grams per Second, Em_{HCN}**

$$(M_{HCN}) / V_{m(std)} \times Q_{d(std)} / 60 / K_2$$

Example.	M_{HCN}	=	151	**Emf**	=	**0.011**	**grams/second**
	K_2	=	1.00E+06				
	$V_{m(std)}$	=	28.47				
	$Q_{d(std)}$	=	120848				

13. **Hydrogen Cyanide Mass Spiked, m_{spike}**

$$C_{spike} \times V_{spike}$$

	C_{spike}	=	100	m_{spike}	=	**100**	**ug**
	V_{spike}	=	1.0				

14. **Hydrogen Cyanide Spike Recovery, percentage recovered, R_{ec}**

$$m_{rec}/m_{spiked} \times 100$$

	m_{spike}	=	100	R_{ec}	=	**83**	**%**
	m_{rec}	=	83				

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Example Calculations, HCN Test Run 1

Facility	Naval Station Guantanamo Bay	**Source**	Air Curtain Incinerator D-1
Location	Guantanamo Bay, Cuba	**Date**	April 18, 2016

Constants

K_1	=	17.64 °R/in. Hg	T_{std}	=	528 °R
K_2	=	1.00E+06 micrograms/gram	P_{std}	=	29.92 inches Hg
K_p	=	85.49 Velocity equation constant			

Variables

A	=	Stack Area (ft^2)	R_{ec}	=	Percentage recovery of field spike, %
A_n	=	Nozzle Area (ft^2)	$Q_{d(std)}$	=	Stack Gas Flow Rate, SCFMD
B_{ws}	=	Moisture in stack gas, volume fraction	$T_{s(abs)}$	=	Stack Temp (degrees R)
B_{wd}	=	Dry Stack Gas, volume fraction	T_m	=	Meter Temp (degrees R)
C_p	=	Pitot Correction Factor	v_s	=	Average Stack Velocity, FPM
$C_{recspike}$	=	Concentration of HCN spiking solution, ug/mL	V_{lc}	=	Condensate Volume (ml)
D_e	=	Equivilent Diameter (inches)	V_m	=	Volume Metered (ft^3)
Em_{HCN}	=	Hydrogen Cyanide Mass Emission Rate, grams/second	$V_{m(std)}$	=	Gas Volume Sampled, STPD
I	=	Percent Isokinetic	V_{spike}	=	Volume of spike solution used, mL
M_{HCN}	=	Blank Corrected Target Compound Recovery Weight, ug	$V_{w(std)}$	=	Volume Water Vapor, SCF
M_{HCNraw}	=	Raw Target Compound Recovery Weight, ug	V_t	=	Total Volume Collected, SCF
M_{HCNfb}	=	Target Compound Recovery Weight in field blank, ug	**Y**	=	Meter Correction
M_d	=	Molecular Weight of Stack Gas (Dry Basis)	ΔH_{avg}	=	Delta H (inches H_2O)
M_s	=	Molecular Weight of Stack Gas (Stack conditions)	Δp_{avg}	=	Avg of SQRT of V.H.
M_{rec}	=	Mass of HCN spike recovered in lab analysis, ug	**Θ**	=	Total Time (minutes)
M_{spiked}	=	Mass of HCN spike Field Recover Test, ug			
Pbar	=	Barometric Pressure (inches Hg)			
Pg	=	Static Pressure			
Ps	=	Stack Pressure (inches Hg)			

HCN Emissions Data Inputs Summary

Run	Sample Volume (ft^3)	Recovery Mass (micrograms)	Volumetric Flow Rate (ft^3/min)
D1	28.47	151	120848
D2	16.71	74	98551
D3	20.77	127	100527
D4	23.43	432	137491
D5	22.26	193	73023
N1	16.91	143	104782
N2	16.60	457	89404
N3	16.33	485	72499
N4	16.14	71	77662
N5	16.16	285	91877

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Volumetric Flow Calculations Worksheet

Data Request Entry Area	HCN Run D1
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/18/16
Run Number	D1
Start Time	10:34
Finish Time	11:52
Weather	Cloudy
Total Time (minutes) (Θ)	60.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	30.00
Static Pressure (inches H_2O) (P_g)	-0.20
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.342
Meter Y Factor (Y)	1.013
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	724.892
Initial Meter Reading (ft^3)	695.473
Condensate (grams or ml)	15
Silica Gel Weight (grams)	6.6
Carbon Dioxide (%)	0.2
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Isokinetic Rate Factor	8.85

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Field Data Points - HCN Run D1 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.04	0.35	222	90	89	0.20
5		0.08	0.71	175	92	90	0.28
10		0.08	0.71	217	93	90	0.28
15		0.08	0.71	171	95	91	0.28
20		0.06	0.53	165	97	91	0.24
25		0.05	0.44	423	98	91	0.22
30		0.05	0.44	250	99	92	0.22
35		0.04	0.35	227	100	93	0.20
40		0.05	0.44	390	102	95	0.22
45		0.05	0.44	306	102	95	0.22
50		0.07	0.62	171	99	96	0.26
55		0.06	0.53	152	99	95	0.24

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

HCN Summary Run D1

Facility	Naval Station Guantanamo Bay	**Run Number**	D1
Location	Guantanamo Bay, Cuba	**Start Time**	10:34
Stack	Air Curtain Incinerator D-1	**Finish Time**	11:52
Run Date	4/18/2016	**Weather**	Cloudy

(Θ) Total Time (minutes)	60.0	**Impinger Condensate (g or ml)**	15.0
(P_{bar}) Barometric Pressure (inches Hg)	30.00	**Silica Gel Condensate (g)**	6.6
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	21.6
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0006379	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.2415	**Nitrogen (%)**	79.0
(Y) Meter Correction	1.013	**(V_m) Volume Metered (ft^3)**	29.419
Nozzle Diameter (inches)	0.342	**(ΔH_{avg}) Delta H (inches H_2O)**	0.5225
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.20
		(P_s)Stack Pressure (inches Hg)	29.99
		($T_{s(abs)}$) Stack Temp (°R)	699.1
		(T_m) Meter Temp (°R)	554.8

($V_{w(std)}$) Volume Water Vapor, SCF	1.017
($V_{m(std)}$) Gas Volume Sampled, STPD	28.465
Total Volume, STP	29.482
(B_{ws}) Moisture in stack gas, volume fraction	0.034
(B_{wd}) Dry Stack Gas, volume fraction	0.966
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.49
(G_s) Specific gravity of Stack Gas Relative to Air	0.983
(v_s) Average Stack Velocity, FPM	941.1
(I) Percent Isokinetic	108

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Volumetric Flow Calculations Worksheet

Data Request Entry Area	HCN Run D2
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/19/16
Run Number	D2
Start Time	11:04
Finish Time	12:04
Weather	Clear
Total Time (minutes) (Θ)	60.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.95
Static Pressure (inches H_2O) (P_g)	-0.20
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.342
Meter Y Factor (Y)	1.013
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	742.754
Initial Meter Reading (ft^3)	725.300
Condensate (grams or ml)	5
Silica Gel Weight (grams)	2.2
Carbon Dioxide (%)	0.1
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.3
Isokinetic Rate Factor	8.85

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Field Data Points - HCN Run D2 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.18	94	94	98	0.14
5		0.02	0.18	94	99	98	0.14
10		0.02	0.18	94	99	98	0.14
15		0.02	0.18	94	99	98	0.14
20		0.02	0.18	93	100	98	0.14
25		0.02	0.18	95	101	98	0.14
30		0.02	0.18	90	101	98	0.14
35		0.02	0.18	91	101	98	0.14
40		0.02	0.18	90	102	99	0.14
45		0.02	0.18	99	101	98	0.14
50		0.02	0.18	98	102	99	0.14
55		0.03	0.27	97	102	99	0.17

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HCN Summary Run D2

Facility	Naval Station Guantanamo Bay	**Run Number**	D2
Location	Guantanamo Bay, Cuba	**Start Time**	11:04
Stack	Air Curtain Incinerator D-1	**Finish Time**	12:04
Run Date	4/19/2016	**Weather**	Clear

(Θ) Total Time (minutes)	60.0	**Impinger Condensate (g or ml)**	5.0
(P_{bar}) Barometric Pressure (inches Hg)	29.95	**Silica Gel Condensate (g)**	2.2
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	7.2
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.1
(A_n) Nozzle Area (ft^2)	0.0006379	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1441	**Nitrogen (%)**	79.3
(Y) Meter Correction	1.013	**(V_m) Volume Metered (ft^3)**	17.454
Nozzle Diameter (inches)	0.342	**(ΔH_{avg}) Delta H (inches H_2O)**	0.1875
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.20
		(P_s)Stack Pressure (inches Hg)	29.94
		($T_{s(abs)}$) Stack Temp (°R)	554.1
		(T_m) Meter Temp (°R)	559.2

($V_{w(std)}$) Volume Water Vapor, SCF	0.339
($V_{m(std)}$) Gas Volume Sampled, STPD	16.713
Total Volume, STP	17.052
(B_{ws}) Moisture in stack gas, volume fraction	0.020
(B_{wd}) Dry Stack Gas, volume fraction	0.980
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.84
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.62
(G_s) Specific gravity of Stack Gas Relative to Air	0.987
(v_s) Average Stack Velocity, FPM	499.2
(I) Percent Isokinetic	94

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	HCN Run D3
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/20/16
Run Number	D3
Start Time	10:45
Finish Time	11:45
Weather	Clear
Total Time (minutes) (Θ)	60.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.96
Static Pressure (inches H_2O) (P_g)	-0.20
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.342
Meter Y Factor (Y)	1.013
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	764.997
Initial Meter Reading (ft^3)	743.300
Condensate (grams or ml)	10
Silica Gel Weight (grams)	3.1
Carbon Dioxide (%)	0.2
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.2
Isokinetic Rate Factor	8.85

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Field Data Points - HCN Run D3 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.03	0.27	95	98	97	0.17
5		0.04	0.35	94	98	97	0.20
10		0.04	0.35	91	99	97	0.20
15		0.05	0.44	93	99	98	0.22
20		0.03	0.27	140	101	98	0.17
25		0.04	0.35	178	102	98	0.20
30		0.04	0.35	153	103	99	0.20
35		0.04	0.35	288	103	99	0.20
40		0.04	0.35	191	103	99	0.20
45		0.02	0.18	172	103	99	0.14
50		0.02	0.18	149	103	99	0.14
55		0.02	0.18	133	102	98	0.14

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HCN Summary Run D3

Facility	Naval Station Guantanamo Bay	**Run Number**	D3
Location	Guantanamo Bay, Cuba	**Start Time**	10:45
Stack	Air Curtain Incinerator D-1	**Finish Time**	11:45
Run Date	4/20/2016	**Weather**	Clear

(Θ) Total Time (minutes)	60.0	**Impinger Condensate (g or ml)**	10.0
(P_{bar}) Barometric Pressure (inches Hg)	29.96	**Silica Gel Condensate (g)**	3.1
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	13.1
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0006379	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1829	**Nitrogen (%)**	79.2
(Y) Meter Correction	1.013	**(V_m) Volume Metered (ft^3)**	21.697
Nozzle Diameter (inches)	0.342	**(ΔH_{avg}) Delta H (inches H_2O)**	0.3017
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.20
		(P_s)Stack Pressure (inches Hg)	29.95
		($T_{s(abs)}$) Stack Temp (°R)	608.1
		(T_m) Meter Temp (°R)	559.7

($V_{w(std)}$) Volume Water Vapor, SCF	0.617
($V_{m(std)}$) Gas Volume Sampled, STPD	20.770
Total Volume, STP	21.387
(B_{ws}) Moisture in stack gas, volume fraction	0.029
(B_{wd}) Dry Stack Gas, volume fraction	0.971
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.54
(G_s) Specific gravity of Stack Gas Relative to Air	0.985
(v_s) Average Stack Velocity, FPM	664.5
(I) Percent Isokinetic	97

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	HCN Run D4
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/20/16
Run Number	D4
Start Time	11:07
Finish Time	12:13
Weather	Clear
Total Time (minutes) (Θ)	60.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.96
Static Pressure (inches H_2O) (P_g)	-0.20
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.342
Meter Y Factor (Y)	1.013
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	789.807
Initial Meter Reading (ft^3)	765.348
Condensate (grams or ml)	13
Silica Gel Weight (grams)	2.5
Carbon Dioxide (%)	0.3
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.1
Isokinetic Rate Factor	8.85

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Field Data Points - HCN Run D4 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.03	0.27	107	97	96	0.17
5		0.04	0.35	108	97	96	0.20
10		0.04	0.35	185	98	96	0.20
15		0.03	0.27	365	98	96	0.17
20		0.03	0.27	199	100	97	0.17
25		0.04	0.35	145	101	97	0.20
30		0.04	0.35	132	102	98	0.20
35		0.03	0.27	125	103	99	0.17
40		0.07	0.62	121	104	99	0.26
45		0.08	0.71	118	106	99	0.28
50		0.08	0.71	113	106	99	0.28
55		0.08	0.71	113	105	99	0.28

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HCN Summary Run D4

Facility	Naval Station Guantanamo Bay	**Run Number**	D4
Location	Guantanamo Bay, Cuba	**Start Time**	11:07
Stack	Air Curtain Incinerator D-1	**Finish Time**	12:13
Run Date	4/20/2016	**Weather**	Clear

(Θ) Total Time (minutes)	60.0	**Impinger Condensate (g or ml)**	13.0
(P_{bar}) Barometric Pressure (inches Hg)	29.96	**Silica Gel Condensate (g)**	2.5
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	15.5
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.3
(A_n) Nozzle Area (ft^2)	0.0006379	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.2172	**Nitrogen (%)**	79.1
(Y) Meter Correction	1.013	**(V_m) Volume Metered (ft^3)**	24.459
Nozzle Diameter (inches)	0.342	**(ΔH_{avg}) Delta H (inches H_2O)**	0.4358
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.20
		(P_s)Stack Pressure (inches Hg)	29.95
		($T_{s(abs)}$) Stack Temp (°R)	612.6
		(T_m) Meter Temp (°R)	559.5

($V_{w(std)}$) Volume Water Vapor, SCF	0.730
($V_{m(std)}$) Gas Volume Sampled, STPD	23.429
Total Volume, STP	24.159
(B_{ws}) Moisture in stack gas, volume fraction	0.030
(B_{wd}) Dry Stack Gas, volume fraction	0.970
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.87
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.54
(G_s) Specific gravity of Stack Gas Relative to Air	0.985
(v_s) Average Stack Velocity, FPM	792.1
(I) Percent Isokinetic	92

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	HCN Run D5
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/22/16
Run Number	D5
Start Time	9:05
Finish Time	10:05
Weather	Clear
Total Time (minutes) (Θ)	60.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.91
Static Pressure (inches H_2O) (P_g)	-0.20
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.342
Meter Y Factor (Y)	1.013
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	812.989
Initial Meter Reading (ft^3)	790.201
Condensate (grams or ml)	11
Silica Gel Weight (grams)	2.8
Carbon Dioxide (%)	0.3
Oxygen (%)	20.7
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Isokinetic Rate Factor	8.85

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Field Data Points - HCN Run D5 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.04	0.35	96	83	82	0.20
5		0.04	0.35	105	84	82	0.20
10		0.03	0.27	96	86	83	0.17
15		0.03	0.27	96	87	83	0.17
20		0.03	0.27	95	89	84	0.17
25		0.04	0.4	94	89	84	0.20
30		0.04	0.35	92	92	85	0.20
35		0.04	0.35	92	93	86	0.20
40		0.04	0.35	93	94	87	0.20
45		0.04	0.35	92	94	87	0.20
50		0.04	0.35	90	95	88	0.20
55		0.04	0.35	91	96	89	0.20

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HCN Summary Run D5

Facility	Naval Station Guantanamo Bay	**Run Number**	D5
Location	Guantanamo Bay, Cuba	**Start Time**	9:05
Stack	Air Curtain Incinerator D-1	**Finish Time**	10:05
Run Date	4/22/2016	**Weather**	Clear

(Θ) Total Time (minutes)	60.0	**Impinger Condensate (g or ml)**	11.0
(P_{bar}) Barometric Pressure (inches Hg)	29.91	**Silica Gel Condensate (g)**	2.8
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	13.8
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.3
(A_n) Nozzle Area (ft^2)	0.0006379	**Oxygen (%)**	20.7
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1933	**Nitrogen (%)**	79.0
(Y) Meter Correction	1.013	**(V_m) Volume Metered (ft^3)**	22.788
Nozzle Diameter (inches)	0.342	**(ΔH_{avg}) Delta H (inches H_2O)**	0.3300
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.20
		(P_s)Stack Pressure (inches Hg)	29.90
		($T_{s(abs)}$) Stack Temp (°R)	554.3
		(T_m) Meter Temp (°R)	547.6

($V_{w(std)}$) Volume Water Vapor, SCF	0.650
($V_{m(std)}$) Gas Volume Sampled, STPD	22.260
Total Volume, STP	22.910
(B_{ws}) Moisture in stack gas, volume fraction	0.028
(B_{wd}) Dry Stack Gas, volume fraction	0.972
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.88
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.57
(G_s) Specific gravity of Stack Gas Relative to Air	0.985
(v_s) Average Stack Velocity, FPM	671.0
(I) Percent Isokinetic	94

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Volumetric Flow Calculations Worksheet

Data Request Entry Area	HCN Run N1
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/25/16
Run Number	N1
Start Time	18:37
Finish Time	19:37
Weather	Clear
Total Time (minutes) (Θ)	60.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.82
Static Pressure (inches H_2O) (P_g)	-0.10
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.342
Meter Y Factor (Y)	1.013
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	831.543
Initial Meter Reading (ft^3)	814.032
Condensate (grams or ml)	13
Silica Gel Weight (grams)	3.0
Carbon Dioxide (%)	0.3
Oxygen (%)	20.6
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.1
Isokinetic Rate Factor	8.85

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Field Data Points - HCN Run N1 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.17	172	91	91	0.14
5		0.02	0.17	201	91	90	0.14
10		0.02	0.17	185	92	91	0.14
15		0.02	0.17	188	92	91	0.14
20		0.02	0.17	234	94	91	0.14
25		0.02	0.17	217	94	91	0.14
30		0.02	0.17	212	95	92	0.14
35		0.02	0.17	245	94	91	0.14
40		0.02	0.17	243	95	92	0.14
45		0.02	0.17	219	94	91	0.14
50		0.02	0.17	185	94	91	0.14
55		0.02	0.17	194	93	90	0.14

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HCN Summary Run N1

Facility	Naval Station Guantanamo Bay	**Run Number**	N1
Location	Guantanamo Bay, Cuba	**Start Time**	18:37
Stack	Air Curtain Incinerator D-1	**Finish Time**	19:37
Run Date	4/25/2016	**Weather**	Clear

(Θ) Total Time (minutes)	60.0	**Impinger Condensate (g or ml)**	13.0
(P_{bar}) Barometric Pressure (inches Hg)	29.82	**Silica Gel Condensate (g)**	3.0
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	16.0
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.3
(A_n) Nozzle Area (ft^2)	0.0006379	**Oxygen (%)**	20.6
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1414	**Nitrogen (%)**	79.1
(Y) Meter Correction	1.013	**(V_m) Volume Metered (ft^3)**	17.511
Nozzle Diameter (inches)	0.342	**(ΔH_{avg}) Delta H (inches H_2O)**	0.1700
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.10
		(P_s)Stack Pressure (inches Hg)	29.81
		($T_{s(abs)}$) Stack Temp (°R)	667.9
		(T_m) Meter Temp (°R)	552.1

($V_{w(std)}$) Volume Water Vapor, SCF	0.753
($V_{m(std)}$) Gas Volume Sampled, STPD	16.907
Total Volume, STP	17.660
(B_{ws}) Moisture in stack gas, volume fraction	0.043
(B_{wd}) Dry Stack Gas, volume fraction	0.957
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.87
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.41
(G_s) Specific gravity of Stack Gas Relative to Air	0.980
(v_s) Average Stack Velocity, FPM	541.1
(I) Percent Isokinetic	108

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Volumetric Flow Calculations Worksheet

Data Request Entry Area	HCN Run N2
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/26/16
Run Number	N2
Start Time	17:56
Finish Time	18:56
Weather	Clear
Total Time (minutes) (Θ)	60.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.80
Static Pressure (inches H_2O) (P_g)	-0.10
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.342
Meter Y Factor (Y)	1.013
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	849.301
Initial Meter Reading (ft^3)	832.100
Condensate (grams or ml)	13
Silica Gel Weight (grams)	2.3
Carbon Dioxide (%)	0.2
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Isokinetic Rate Factor	8.85

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Field Data Points - HCN Run N2 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.17	110	91	90	0.14
5		0.02	0.17	106	91	90	0.14
10		0.02	0.17	102	91	90	0.14
15		0.02	0.17	116	91	90	0.14
20		0.02	0.17	122	92	90	0.14
25		0.02	0.17	121	93	91	0.14
30		0.02	0.17	123	93	91	0.14
35		0.02	0.17	119	94	91	0.14
40		0.02	0.17	116	94	91	0.14
45		0.02	0.17	114	95	92	0.14
50		0.02	0.17	118	95	92	0.14
55		0.02	0.17	120	95	92	0.14

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

HCN Summary Run N2

Facility	Naval Station Guantanamo Bay	**Run Number**	N2
Location	Guantanamo Bay, Cuba	**Start Time**	17:56
Stack	Air Curtain Incinerator D-1	**Finish Time**	18:56
Run Date	4/26/2016	**Weather**	Clear

(Θ) Total Time (minutes)	60.0	**Impinger Condensate (g or ml)**	13.0
(P_{bar}) Barometric Pressure (inches Hg)	29.80	**Silica Gel Condensate (g)**	2.3
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	15.3
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0006379	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1414	**Nitrogen (%)**	79.0
(Y) Meter Correction	1.013	**(V_m) Volume Metered (ft^3)**	17.201
Nozzle Diameter (inches)	0.342	**(ΔH_{avg}) Delta H (inches H_2O)**	0.1700
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.10
		(P_s)Stack Pressure (inches Hg)	29.79
		($T_{s(abs)}$) Stack Temp (°R)	575.6
		(T_m) Meter Temp (°R)	551.9

($V_{w(std)}$) Volume Water Vapor, SCF	0.720
($V_{m(std)}$) Gas Volume Sampled, STPD	16.604
Total Volume, STP	17.324
(B_{ws}) Moisture in stack gas, volume fraction	0.042
(B_{wd}) Dry Stack Gas, volume fraction	0.958
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.41
(G_s) Specific gravity of Stack Gas Relative to Air	0.980
(v_s) Average Stack Velocity, FPM	502.5
(I) Percent Isokinetic	99

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Volumetric Flow Calculations Worksheet

Data Request Entry Area	HCN Run N3
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/27/16
Run Number	N3
Start Time	20:15
Finish Time	21:15
Weather	Clear
Total Time (minutes) (Θ)	60.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.81
Static Pressure (inches H_2O) (P_g)	-0.10
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.342
Meter Y Factor (Y)	1.013
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	871.453
Initial Meter Reading (ft^3)	854.638
Condensate (grams or ml)	11
Silica Gel Weight (grams)	5.0
Carbon Dioxide (%)	0.2
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Isokinetic Rate Factor	8.85

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Field Data Points - HCN Run N3 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.17	111	87	86	0.14
5		0.02	0.17	102	87	86	0.14
10		0.02	0.17	104	87	86	0.14
15		0.02	0.17	107	88	86	0.14
20		0.02	0.17	105	88	86	0.14
25		0.02	0.17	111	90	87	0.14
30		0.02	0.17	111	90	87	0.14
35		0.02	0.17	105	91	88	0.14
40		0.02	0.17	105	92	88	0.14
45		0.02	0.17	109	93	89	0.14
50		0.02	0.17	108	93	89	0.14
55		0.02	0.17	107	94	90	0.14

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

HCN Summary Run N3

Facility	Naval Station Guantanamo Bay	**Run Number**	N3
Location	Guantanamo Bay, Cuba	**Start Time**	20:15
Stack	Air Curtain Incinerator D-1	**Finish Time**	21:15
Run Date	4/27/2016	**Weather**	Clear

(Θ) Total Time (minutes)	60.0	**Impinger Condensate (g or ml)**	11.0
(P_{bar}) Barometric Pressure (inches Hg)	29.81	**Silica Gel Condensate (g)**	5.0
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	16.0
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0006379	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1414	**Nitrogen (%)**	79.0
(Y) Meter Correction	1.013	**(V_m) Volume Metered (ft^3)**	16.815
Nozzle Diameter (inches)	0.342	**(ΔH_{avg}) Delta H (inches H_2O)**	0.1700
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.10
		(P_s)Stack Pressure (inches Hg)	29.80
		($T_{s(abs)}$) Stack Temp (°R)	567.1
		(T_m) Meter Temp (°R)	548.7

($V_{w(std)}$) Volume Water Vapor, SCF	0.753
($V_{m(std)}$) Gas Volume Sampled, STPD	16.332
Total Volume, STP	17.085
(B_{ws}) Moisture in stack gas, volume fraction	0.044
(B_{wd}) Dry Stack Gas, volume fraction	0.956
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.39
(G_s) Specific gravity of Stack Gas Relative to Air	0.979
(v_s) Average Stack Velocity, FPM	498.9
(I) Percent Isokinetic	96

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Volumetric Flow Calculations Worksheet

Data Request Entry Area	HCN Run N4
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/28/16
Run Number	N4
Start Time	17:52
Finish Time	18:52
Weather	Clear
Total Time (minutes) (Θ)	60.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.81
Static Pressure (inches H_2O) (P_g)	-0.10
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.342
Meter Y Factor (Y)	1.013
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	888.800
Initial Meter Reading (ft^3)	872.007
Condensate (grams or ml)	8
Silica Gel Weight (grams)	2.2
Carbon Dioxide (%)	0.2
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.0
Isokinetic Rate Factor	8.85

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Field Data Points - HCN Run N4 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.17	143	95	94	0.14
5		0.02	0.17	143	95	94	0.14
10		0.02	0.17	131	95	94	0.14
15		0.02	0.17	147	95	94	0.14
20		0.02	0.17	129	96	94	0.14
25		0.02	0.17	136	95	93	0.14
30		0.02	0.17	143	96	94	0.14
35		0.02	0.17	157	96	93	0.14
40		0.02	0.17	132	96	93	0.14
45		0.02	0.17	139	95	92	0.14
50		0.02	0.17	116	96	93	0.14
55		0.02	0.17	120	95	92	0.14

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

HCN Summary Run N4

Facility	Naval Station Guantanamo Bay	**Run Number**	N4
Location	Guantanamo Bay, Cuba	**Start Time**	17:52
Stack	Air Curtain Incinerator D-1	**Finish Time**	18:52
Run Date	4/28/2016	**Weather**	Clear

(Θ) Total Time (minutes)	60.0	**Impinger Condensate (g or ml)**	8.0
(P_{bar}) Barometric Pressure (inches Hg)	29.81	**Silica Gel Condensate (g)**	2.2
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	10.2
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.2
(A_n) Nozzle Area (ft^2)	0.0006379	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1414	**Nitrogen (%)**	79.0
(Y) Meter Correction	1.013	**(V_m) Volume Metered (ft^3)**	16.793
Nozzle Diameter (inches)	0.342	**(ΔH_{avg}) Delta H (inches H_2O)**	0.1700
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.10
		(P_s)Stack Pressure (inches Hg)	29.80
		($T_{s(abs)}$) Stack Temp (°R)	596.3
		(T_m) Meter Temp (°R)	554.4

($V_{w(std)}$) Volume Water Vapor, SCF	0.480
($V_{m(std)}$) Gas Volume Sampled, STPD	16.143
Total Volume, STP	16.623
(B_{ws}) Moisture in stack gas, volume fraction	0.029
(B_{wd}) Dry Stack Gas, volume fraction	0.971
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.86
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.55
(G_s) Specific gravity of Stack Gas Relative to Air	0.985
(v_s) Average Stack Velocity, FPM	510.1
(I) Percent Isokinetic	97

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AASI USEPA Method 5/12 60 Point Template - Rev 2/12-15-2005

Volumetric Flow Calculations Worksheet

Data Request Entry Area	HCN Run N5
Facility	Naval Station Guantanamo Bay
Location	Guantanamo Bay, Cuba
Source	Air Curtain Incinerator D-1
Date	04/29/16
Run Number	N5
Start Time	19:02
Finish Time	20:02
Weather	Clear
Total Time (minutes) (Θ)	60.0
Number of Points (n)	1
Barometric Pressure (inches Hg) (P_{bar})	29.90
Static Pressure (inches H_2O) (P_g)	-0.10
Stack Diameter (inches) (D)	12.00
Nozzle Diameter (inches) (D_n)	0.342
Meter Y Factor (Y)	1.013
Pitot Factor (C_p)	0.84
Final Meter Reading (ft^3)	905.759
Initial Meter Reading (ft^3)	889.200
Condensate (grams or ml)	10
Silica Gel Weight (grams)	4.3
Carbon Dioxide (%)	0.1
Oxygen (%)	20.8
Carbon Monoxide (%)	0.0
Nitrogen (%)	79.1
Isokinetic Rate Factor	8.85

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Field Data Points - HCN Run N5 **Naval Station Guantanamo Bay Air Curtain Incinerator D-1**

Clock		Velocity Head (inches H_2O)	Meter Orifice (inches H_2O)	Stack Temperature (^oF)	Meter Inlet Temperature (^oF)	Meter Outlet Temperature (^oF)	Square Root of Velocity Head
0		0.02	0.17	87	86	85	0.14
5		0.02	0.17	91	86	85	0.14
10		0.02	0.17	95	86	85	0.14
15		0.02	0.17	93	87	85	0.14
20		0.02	0.17	87	88	85	0.14
25		0.02	0.17	91	89	86	0.14
30		0.02	0.17	90	89	86	0.14
35		0.02	0.17	90	91	87	0.14
40		0.02	0.17	92	91	87	0.14
45		0.02	0.17	93	92	87	0.14
50		0.02	0.17	93	92	88	0.14
55		0.02	0.17	90	92	88	0.14

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HCN Summary Run N5

Facility	Naval Station Guantanamo Bay	**Run Number**	N5
Location	Guantanamo Bay, Cuba	**Start Time**	19:02
Stack	Air Curtain Incinerator D-1	**Finish Time**	20:02
Run Date	4/29/2016	**Weather**	Clear

(Θ) Total Time (minutes)	60.0	**Impinger Condensate (g or ml)**	10.0
(P_{bar}) Barometric Pressure (inches Hg)	29.90	**Silica Gel Condensate (g)**	4.3
(D) Stack Diameter (inches)	12.00	**(V_{lc}) Condensate Volume (ml)**	14.3
(A) Stack Area (ft^2)	0.785	**Carbon Dioxide (%)**	0.1
(A_n) Nozzle Area (ft^2)	0.0006379	**Oxygen (%)**	20.8
(n) Number of Points	1	**Carbon Monoxide (%)**	0.0
(Δp_{avg}) Avg of SQRT of V.H.	0.1414	**Nitrogen (%)**	79.1
(Y) Meter Correction	1.013	**(V_m) Volume Metered (ft^3)**	16.559
Nozzle Diameter (inches)	0.342	**(ΔH_{avg}) Delta H (inches H_2O)**	0.1700
(Cp) Pitot Correction Factor	0.84	**(P_g) Static Pressure (inches H_2O)**	-0.10
		(P_s)Stack Pressure (inches Hg)	29.89
		($T_{s(abs)}$) Stack Temp (°R)	551.0
		(T_m) Meter Temp (°R)	547.6

($V_{w(std)}$) Volume Water Vapor, SCF	0.673
($V_{m(std)}$) Gas Volume Sampled, STPD	16.163
Total Volume, STP	16.836
(B_{ws}) Moisture in stack gas, volume fraction	0.040
(B_{wd}) Dry Stack Gas, volume fraction	0.960
(M_d) Molecular Weight of Stack Gas (Dry Basis)	28.85
(M_s) Molecular Weight of Stack Gas (Stack conditions)	28.41
(G_s) Specific gravity of Stack Gas Relative to Air	0.980
(v_s) Average Stack Velocity, FPM	490.8
(I) Percent Isokinetic	94

SOURCE SAMPLING FIELD DATA SHEET

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Facility	Cuba			Run No.	1		
Source	Incineration Box			Date	4-18-16		
Weather	Cloudy			Filter Number			
Testers	MH	Test(s)	HCN	Barometric Pressure	30.0		

Equipment Identification	Pitot	GG-2	Probe	GG-2	Heater Box	DHBS	Meter Box	M1	Cold box	6	
Thermocouple Identification	Stack	GG-2	Impinger	NA	Heater Box	DHBS	Meter In	M1-1	Meter Out	M1-2	
Sampling	Total min (Θ)	60	Total Points (n)		1			Min/Pt	60		
Profile	Stack Diameter (in) (D)		Downstream Dia.					Upstream Dia.			
Nozzle Diameter (avg) (D_n)	3/2	Nozzle Diameter Calibration Checks		1		2		3			
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})			Meter (ΔHa)	1.437	Meter (Y)	4.013
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation 1.152									8.85		

Start Time	~~11:42~~	Final Meter Reading (ft3)	724.892	Orsat/Fyrite/ Analyzer	O_2 (%)	20.6	Comments:
Finish Time	10:34	Initial Meter Reading (ft3)	695.477		CO_2 (%)	0.2	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	15 (10.5.0)	ml	
.001 cfm@15"Hg	.000 cfm@ 12 "H_g	-.2 "H_2O	/ at 3"	Silica Gel Weight	215.0 - 208.4 = 6.6	gr	

Port and Sample Point	Clock Time (min) 10:34	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) In	Meter Temp (°F) Out	21.6 Hz Probe
	0	695.473	.04	.35	10	222	232	68	90	~~89~~	228
	5	697.46	.08	.70	10	175	235	65	92	90	225
	10	700.09	.07	.70	10	217	231	65	93	90	227
	15	702.79	.08	.70	10	171	~~256~~ 236	66	95	91	231
	20	705.49	.06	.52	10	165	227	67	97	91	226
	25		.05	.44	11	~~423~~ 223	237	67	~~98~~ 99	91	227
	30		.05	.44	11	250	233	67	99	92	228
	35		.04	.35	11	227	229	68	100	~~93~~ 92	227
	40		.05	.44	11	~~390~~ 230	232	67	102	95	~~237~~ 227
11:24	45	716.69	.06 ~~5~~	.44 ~~.52~~	11	306	234	67	102	95	228
~~11:42~~ 11:47	50	718.72	.07	61 .~~70~~	11	171	234	65	99	96	227
	~~55~~	722.22	.06	.52	11	152	232	68	99	95	227
~~12:42~~	61	724.892									

10:24 Finish Stamp

1152

SOURCE SAMPLING FIELD DATA SHEET HC IV

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Facility	GTMO			Run No.	22		
Source	Thermometer Box			Date	11-14-16		
Weather	partly cloudy			Filter Number			
Testers	MCH	Test(s)	OTM-029	Barometric Pressure	29.95		

Equipment Identification	Pitot	66-2	Probe	6-6-2	Heater Box	DHB5	Meter Box	M1	Cold box	60	
Thermocouple Identification	Stack	66-7	Impinger	M	Heater Box	DHB5	Meter In	M1-1	Meter Out	M1-2	
Sampling	Total min (Θ)	60	Total Points (n)					Min/Pt			
Profile	Stack Diameter (in) (D)		Downstream Dia.					Upstream Dia.			
Nozzle Diameter (avg) (D_n)	1342	Nozzle Diameter Calibration Checks		1		2		3			
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})			Meter (ΔHa)	1.437	Meter (Y)	1.013
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation									.885		

Start Time	1104	Final Meter Reading (ft3)	742.754	Orsat/Fyrite/ Analyzer	O_2 (%)	20.6	Comments: Wind Blew away from sample duct
Finish Time	1204	Initial Meter Reading (ft3)	725.306		CO_2 (%)	0.1	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	5 (3,2,0)	ml
.001 cfm@15"Hg	.000 cfm@ 10 "H_g	-2 "H_2O	/ at 3"	Silica Gel Weight	189.6 - 187.4 = 2.2	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) in	Meter Temp (°F) out	7.2 fe/hr probe
1104	0	725.300	.02	.17	8	94	237	68	94	98	224
	5	726.77	.02	.17	8	94	236	67	99	98	224
	10		.02	.17	8	94	243	64	99	98	224
	15	729.58	.02	.17	8	94	236	65	99	98	228
	20	730.99	.02	.17	8	93	240	66	100	98	226
	25	732.40	.02	.17	8	95	238	65	100	98	227
	30	733.81	.02	.17	8	90	237	65	101	98	225
	35		.02	.17	8	91	236	66	101	98	227
	40	736.58	.02	.17	8	90	237	65	102	99	227
	45		.02	.17	8	99	239	65	101	98	228
	50		.02	.17	8	98	237	66	102	99	228
	55	740.42	.03	.26	9	97	237	66	102	99	228
1204	60	742.754									

SOURCE SAMPLING FIELD DATA SHEET

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Facility	QTMO					Run No.					
Source	Incinerator Box					Date	4-20-16				
Weather	Sunny					Filter Number					
Testers	MLH		Test(s)	ITCN		Barometric Pressure	29.96				
Equipment Identification	Pitot	G-6-2	Probe	G-6-2	Heater Box	Steel DHBS	Meter Box	M1	Cold box		
Thermocouple Identification	Stack	G-6-2	Impinger	M	Heater Box	DHBS	Meter In	M1-1	Meter Out	1	M1-2
Sampling	Total min (Θ)	60	Total Points (n)		1			Min/Pt	60		
Profile	Stack Diameter (in) (D)		Downstream Dia.					Upstream Dia.			
Nozzle Diameter (avg) (D_n)	.342	Nozzle Diameter Calibration Checks		1		2		3			
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})			Meter (ΔHa)	1.437	Meter (Y)	1.013
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation									8.55		
Start Time	10:45	Final Meter Reading (ft3)	764.997		Orsat/Fyrite/ Analyzer		O_2 (%)	20.6	Comments:	10:53 added int truck	
Finish Time	11:45	Initial Meter Reading (ft3)	743.300				CO_2 (%)	0.2			
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected	10 (9, 1, 0)		ml
.000 cfm@15"Hg		.000 cfm@ 12 "Hg		-.2 "H_2O		✓ at 3"		Silica Gel Weight	204.9-201.8 = 3.1		gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	13.1
									in	out	probe
	10:45 0	743.30	.03	.26	10	95	238	67	98	97	229
	5	745.14	.04	.34	10	94	236	67	98	97	227
	10	747.04	.04	.34	10	91	237	66	99	97	227
	15	748.95	.05	.43	10	93	230	64	99	98	227
	20	751.09	.03	.26	10	140	237	59	101	98	228
	25	753.15	.04	.35	10	178	236	55	102	98	227
	30	755.03	.04	.35	11	153	236	54	103	99	229
	35	757.0	.04	.35	11	288	235	52	103	99	226
	40	758.87	.04	.35	11	191	237	53	103	99	226
	45	760.72	.02	.17	9	172	237	55	103	99	229
	50	762.15	.02	.17	9	149	236	57	103	99	226
	55	763.55	.02	.17	9	133	237	59	102	98	228
	60	764.997									

(11:45)

HCN

SOURCE SAMPLING FIELD DATA SHEET

~~#MOTM029-D4~~

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMU			Run No.	~~M29-D4~~		
Source	Incinerator Box			Date	~~4-21-16~~		
Weather	Sunny			Filter Number	4-21-16		
Testers	MLL	Test(s)	OTM 029	Barometric Pressure	29.96		

Equipment Identification	Pitot	66-2	Probe	G62	Heater Box	DHBS	Meter Box	M1	Cold box		6
Thermocouple Identification	Stack	C4-K-2	Impinger	M	Heater Box	DH13	Meter In	M1-1	Meter Out		M1-2
Sampling	Total min (Θ)		60	Total Points (n)			i		Min/Pt		
Profile	Stack Diameter (in) (D)			Downstream Dia.					Upstream Dia.		
Nozzle Diameter (avg) (D_n)	.342	Nozzle Diameter Calibration Checks		1		2			3		
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})			Meter (ΔHa)	1.437	Meter (Y)	1.013
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m \times \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation											~~5.85~~

Start Time	1107	Final Meter Reading (ft3)	789.807	Orsat/Fyrite/ Analyzer	O_2 (%)	20.6	Comments:
Finish Time	1243	Initial Meter Reading (ft3)	765.348		CO_2 (%)	0.3	11:10 1st train Low

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	
.002 ~~cfm~~@15"Hg	.001 cfm@ 11 "H_g	-.2 "H_2O	✓ at 3"	Silica Gel Weight	222.1 - 218.6 = 3.5 gr
					13.1 (10,1,2) ml

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F) IN	Meter Temp (°F) OUT	Probe (15:15 tech)
1107	0	765.348	.103	2.~~00~~6	10	1092	240	67	97	96	230
	5		.104	.135	10	108	238	67	97	96	227
	10	769.09	.104	.135	10	185	250	66	98	96	226
	15	770.94	.103	.126	10	365	240	65	98	96	226
	20		.103	.126	10	1909	236	65	100	97	224
	25	774.15	.104	.135	10	145	235	64	101	97	224
	30		.104	.135	10	132	234	63	103	~~98~~	~~225~~
	35	778.45	.103	.126	10	2125	234	65	103	99	225
	40	774.57	.107	.161	10	121	235	65	104	99	226
	45	781.89	.108	.170	10	118	234	65	106	99	226
	50		.108	.170	10	113	234	65	106	99	226
	55	787.13	.108	.172	10	113	233	66	105	99	226
	60	789.807									

Fan dried 11:30
1136 right

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMU			Run No.	P5		
Source	Fuel Gas Boiler			Date	4-22-16		
Weather	Cloudy			Filter Number			
Testers	MLH	Test(s)	OTM 028	Barometric Pressure	29.91		

Equipment Identification	Pitot	G-6-2	Probe	G-6-2	Heater Box	DNBS	Meter Box	M1	Cold box	G
Thermocouple Identification	Stack	G6-2	Impinger	AM	Heater Box	DNBS	Meter In	M1-1	Meter Out	M1-2

Sampling	Total min (Θ)	60	Total Points (n)	1		Min/Pt	60	
Profile	Stack Diameter (in) (D)		Downstream Dia.			Upstream Dia.		
Nozzle Diameter (avg) (D_n)	0.342	Nozzle Diameter Calibration Checks	1		2		3	

Isokinetic Factor Calculation	Pre T_s	Pre T_m	Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.437	Meter (Y) 1.013
	$a = (D_n^2 X B_{wd})^2$	$b = (1.6+B_{wd})T_s$	$c = T_m X \Delta H_a$	$F = 1570(aXc)/b$		Isokinetic Rate Factor	
						98.5	

Start Time	905	Final Meter Reading (ft3)	812.989	Orsat/Fyrite/ Analyzer	O_2 (%)	20.7	Comments:	
Finish Time	1005	Initial Meter Reading (ft3)	740.201		CO_2 (%)	0.3		

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	11.0 (8.2.1)	ml
.001 cfm@15"Hg	.001 cfm@ 11 "H_g	-.2 "H_2O	✓ at 3"	Silica Gel Weight	229.4-332.1 = 2.8	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	138 deg F Probe
	905 0	740.201	.04	.35	10	096	232	63	83	82	225
	5	743.18	.04	.35	10	105	240	62	84	82	224
	10	744.08	.03	.26	10	96	233	61	86	83	225
	15	745.79	.03	.26	10	96	233	60	87	83	225
	20	747.45	.03	.26	10	95	233	58	89	84	226
	25	749.2	.04	.35	10	94	233	56	89	84	2245
	30	801.2	.04	.35	10	92	233	54	92	85	226
	35	803.11	.04	.35	10	92	234	54	93	86	2225
	40		.04	.35	10	93	234	55	94	87	225
	45	806.97	.04	.35	10	93	233	54	94	87	225
	50	808.97	.04	.35	10	90	233	53	95	88	226
	55	810.94	.04	.35	10	91	234	52	96	89	225
	1005 60	812.990									

989

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMO						Run No.	OTM-029-IV1		
Source	Incinerator Box						Date	4-25-16		
Weather	Clear					HCN	Filter Number			
Testers	JM LH		Test(s)	OTM-029			Barometric Pressure	29.82		
Equipment Identification	Pitot	G6-2	Probe	G6-2	Heater Box	DHB-S	Meter Box	M1	Cold box	6
Thermocouple Identification	Stack	G6-2	Impinger	M	Heater Box	DHB-S	Meter In	M1-1	Meter Out	M1-2
Sampling	Total min (Θ)		60	Total Points (n)		1		Min/Pt	60	
Profile	Stack Diameter (in) (D)			Downstream Dia.				Upstream Dia.		
Nozzle Diameter (avg) (D_n)	.342	Nozzle Diameter Calibration Checks		1		2		3		
Isokinetic Factor Calculation	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.435	Meter (Y)	1.013
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		F=1570(aXc)/b		Isokinetic Rate Factor	
										8.85

Start Time	18:37	Final Meter Reading (ft3)	831.543	Orsat/Fyrite/ Analyzer	O_2 (%)	20.6	Comments: pH (14, 14, 14)
Finish Time	19:32	Initial Meter Reading (ft3)	814.032		CO_2 (%)	0.3	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	13ml (11, 2, 0) ml
.000 cfm@15"Hg	.007 cfm@ [illegible] "Hg	-.1 "H_2O	✓ at 3"	Silica Gel Weight	227.6 - 224.6 = 3.0 gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	16.0 std/c pH 4
	0	814.032	.02	.17	10	172	235	67	91	91	238
	5	815.69	.02	.17	10	201	233	67	91	90	230
	10	817.24	.02	.17	10	185	233	66	92	91	230
	15	818.7	.02	.17	10	188	233	65	92	91	228
	20		.02	.17	10	234	232	64	94	91	228
	25	821.72	.02	.17	10	217	233	63	94	91	229
	30		.02	.17	10	212	234	62	95	92	230
	35	824.88	.02	.17	10	245	232	61	94	91	228
	40	826.3	.02	.17	10	243	232	61	95	92	230
	45	827.5	.02	.17	10	219	235	60	94	91	229
	50	829.0	.02	.17	11	185	231	62	94	91	229
	55	830.4	.02	.17	11	194	233	62	93	90	229
	60	831.543									

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	QTMO - Cuba			Run No.		NL HCN	
Source	Incinerator Box			Date		4/26/16	
Weather	Clear			Filter Number			
Testers	MLH	Test(s)	QTM-02a	Barometric Pressure		29.80	

Equipment Identification	Pitot	G6-2	Probe	G62	Heater Box	DHBS	Meter Box	M1	Cold box	6
Thermocouple Identification	Stack	G6-2	Impinger	M	Heater Box	DHBS	Meter In	M1-1	Meter Out	M1-2

Sampling	Total min (Θ)	60	Total Points (n)			Min/Pt	
Profile	Stack Diameter (in) (D)		Downstream Dia.			Upstream Dia.	
Nozzle Diameter (avg) (D_n)	.342	Nozzle Diameter Calibration Checks	1		2		3	

Isokinetic Factor Calculation	Pre T_s	Pre T_m	Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.437	Meter (Y) 1.013
	$a = (D_n^2 X B_{wd})^2$	$b = (1.6+B_{wd})T_s$	$c = T_m \times \Delta H_a$	F=1570(aXc)/b		Isokinetic Rate Factor	
							8.85

Start Time	17:56	Final Meter Reading (ft3)	849.301	Orsat/Fyrite/ Analyzer	O_2 (%)	20.8	Comments: pH (14, 14, 14)
Finish Time	18:56	Initial Meter Reading (ft3)	832.100		CO_2 (%)	0.2	

Pre Test Leak Check	Post Test Leak Check	Static Pressure	Pitot Leak Check	Volume H_2O Collected	13 - (10.3, 0) ml
.000 cfm@15"Hg	.000 cfm@ 12 "Hg	-.1 "H_2O	at 3"	Silica Gel Weight	207.2 - 204.9 = 2.3 gr

Port and Sample Point	Clock Time (min) 17:56	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	15.3 total pm
	0	832.100	.02	.17	10	110	237	68	91	90	228
	5		.02	.17	10	106	237	68	91	90	230
	10	834.76	.02	.17	10	102	237	67	91	90	235
	15		.02	.17	10	106	236	66	91	90	236
	20	837.68	.02	.17	10	122	236	65	92	90	236
	25	839.13	.02	.17	10	1201	233	65	93	91	237
	30	~~839.13~~	.02	.17	10	1203	235	65	93	91	230
	35	847.98	.02	.17	10	119	235	65	94	91	234
	40	843.43	.02	.17	10	116	235	66	94	91	236
	45		.02	.17	10	114	235	66	95	92	236
	50	846.34	.02	.17	10	118	235	66	95	92	235
	55		.02	.17	10	120	235	67	95	92	236
	60	849.301									

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
Phone (904) 964-8440
www.ambientairservices.com

Facility	GTMO						Run No.	N3 HCN			
Source	Incinerator Box						Date	4-27-16			
Weather	clear						Filter Number				
Testers	ML LH		Test(s)	OTM-029			Barometric Pressure	29.81			
Equipment Identification	Pitot	G6-2	Probe	G6-2	Heater Box	DHBS	Meter Box	M1	Cold box		
Thermocouple Identification	Stack	G-6-2	Impinger	M	Heater Box	DHBS	Meter In	M1-1	Meter Out	M1-2	
Sampling	Total min (Θ)		60	Total Points (n)					Min/Pt		
Profile	Stack Diameter (in) (D)		.342	Downstream Dia.					Upstream Dia.		
Nozzle Diameter (avg) (D_n)	0.342	Nozzle Diameter Calibration Checks		1		2		3			
Isokinetic Factor Calculation	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.437	Meter (Y)	1.013	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
										5.85	
Start Time	20:15	Final Meter Reading (ft3)	871.453	Orsat/Fyrite/ Analyzer		O_2 (%)	20.9	Comments:			
Finish Time	21:15	Initial Meter Reading (ft3)	854.638			CO_2 (%)	0.2	pH (14, 14, 14)			
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected		(10, 1, 0) = 11.0 ml	
.004 cfm@15"Hg		.001 cfm@ 15 "Hg		-.1 "H_2O		✓ at 3"		Silica Gel Weight		212.2 - 207.2 = 5.0 gr	

Port and Sample Point	Clock Time (min) 20:15	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F) 238	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	16.0 Heated Line Temp (°F)
	0	854.638	.02	.17	10	111	~~267~~	67	87	86	267
	5		.02	.17	10	102	239	67	87	86	238
	10	857.57	.02	.17	10	104	238	67	87	86	237
	15	858.96	.02	.17	10	107	239	66	88	86	237
	20	860.33	.02	.17	10	105	239	65	88	86	239
	25	861.74	.02	.17	10	111	239	65	90	87	238
	30	863.17	.02	.17	10	111	240	64	90	87	239
	35	864.53	.02	.17	10	105	240	64	91	88	239
	40	865.90	.02	.17	10	105	239	64	92	88	239
	45	867.31	.02	.17	10	109	239	64	93	89	239
	50	868.68	.02	.17	10	108	239	64	93	89	240
	55	870.06	.02	.17	10	107	240	64	94	90	240
	60	871.453									

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
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Phone (904) 964-8440
www.ambientairservices.com

Facility	QTMO -					Run No.		BN4			
Source	Incinerator Box					Date		4-28-16			
Weather	Cloudy					Filter Number					
Testers	MH	Test(s)	QTM-029			Barometric Pressure		29.81			
Equipment Identification	Pitot	66-2	Probe	66-2	Heater Box	D2/B3	Meter Box	M1	Cold box	6	
Thermocouple Identification	Stack	66-2	Impinger	M	Heater Box	D2/B3	Meter In	M1-1	Meter Out	M1-2	
Sampling	Total min (Θ)	60	Total Points (n)				Min/Pt				
Profile	Stack Diameter (in) (D)	12	Downstream Dia.				Upstream Dia.				
Nozzle Diameter (avg) (D_n)	.342	Nozzle Diameter Calibration Checks	1		2		3				
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.437	Meter (Y)	1.013	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation										8.85	
Start Time	1752	Final Meter Reading (ft3)	858.800	Orsat/Fyrite/ Analyzer		O_2 (%)	20.8	Comments:			
Finish Time	1852	Initial Meter Reading (ft3)	872.007			CO_2 (%)	0.2	pH (14,14,14)			
Pre Test Leak Check		Post Test Leak Check		Static Pressure		Pitot Leak Check		Volume H_2O Collected		(6.2,0) = 8 ml	
.002 cfm@15"Hg		.005 cfm@ 12"Hg		-0.10 "H_2O		✓ at 3"		Silica Gel Weight		227.8 - 225.6 = 2.2 gr	

Port and Sample Point	Clock Time (min) 17:52	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	prob
	0	872.007	.02	.17	10	143	238	67	95	94	226
	5		.02	.17	10	143	238	66	95	94	226
	10	874.24	.02	.17	10	131	239	64	95	94	227
	15	876.13	.02	.17	10	147	238	63	95	94	226
	20	877.56	.02	.17	10	129	241	62	96	94	231
	25	878.95	.02	.17	10	136	242	61	95	93	232
	30	880.35	.02	.17	10	143	241	62	96	94	232
	35	881.76	.02	.17	10	157	242	62	96	93	232
	40	883.16	.02	.17	10	132	234	63	96	93	241
	45	884.8	.02	.17	10	139	242	63	95	92	241
	50	886.0	.02	.17	10	116	242	63	96	93	233
	55	887.4	.02	.17	10	120	241	62	95	92	231
	60	888.800									

SOURCE SAMPLING FIELD DATA SHEET

AASI Ambient Air Services, Inc. Environmental Consultants
106 Ambient Airway
Starke, FL 32091
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www.ambientairservices.com

Facility	OTMO						Run No.	JV5			
Source	Incinerator Box						Date	4/29/16			
Weather							Filter Number				
Testers	[illegible]			Test(s)	OTM029		Barometric Pressure	29.90			
Equipment Identification	Pitot	6-6-2	Probe	6-6-2	Heater Box	DUBS	Meter Box	M1-1	Cold box	6	
Thermocouple Identification	Stack	6-6-2	Impinger	M	Heater Box	DUBS	Meter In	M1-1	Meter Out	M1-2	
Sampling	Total min (Θ)		60	Total Points (n)					Min/Pt		
Profile	Stack Diameter (in) (D)			Downstream Dia.					Upstream Dia.		
Nozzle Diameter (avg) (D_n)	.342	Nozzle Diameter Calibration Checks		1		2			3		
	Pre T_s		Pre T_m		Pre Dry Stack Gas (B_{wd})		Meter (ΔHa)	1.437	Meter (Y)	1.013	
	$a = (D_n^2 X B_{wd})^2$		$b = (1.6+B_{wd})T_s$		$c = T_m X \Delta H_a$		$F = 1570(aXc)/b$		Isokinetic Rate Factor		
Isokinetic Factor Calculation										3.85	

Start Time	14:02	Final Meter Reading (ft3)	905.759	Orsat/Fyrite/ Analyzer	O_2 (%)	20.8	Comments:	pH (14,14,14)	
Finish Time	20:02	Initial Meter Reading (ft3)	884.200		CO_2 (%)	0.1			
Pre Test Leak Check		Post Test Leak Check		Static Pressure	Pitot Leak Check		Volume H_2O Collected	(10, 0, 0) = 10	ml
.001	cfm@15"Hg	.001	cfm@ 11 "H_g	-.1 "H_2O	/	at 3"	Silica Gel Weight	229.9 - 225.6 = 4.3	gr

Port and Sample Point	Clock Time (min)	Gas Meter Reading (cfm)	Stack Velocity (in H_2O)	Orifice Pressure Drop (in H_2O)	Vacuum (in H_g)	Stack Gas Temp (°F)	Filter Temp (°F)	Last Impinger Temp (°F)	Meter Temp (°F)	Meter Temp (°F)	14.3
	(14:02)								in	out	probe
	0	889.2	.02	.17	10	87	243	67	86	85	246
	5		.02	.17	10	91	243	67	86	85	246
	10	891.43	.02	.17	10	95	243	66	86	85	246
	15	893.26	.02	.17	10	93	241	65	87	85	244
	20		.02	.17	10	87	243	64	88	85	246
	25	895.94	.02	.17	10	91	243	64	89	86	246
	30	897.29	.02	.17	10	90	243	63	89	86	246
	35		.02	.17	10	90	242	64	91	87	246
	40		.02	.17	10	92	243	63	91	87	247
	45	901.50	.02	.17	10	93	243	63	92	87	246
	50	902.95	.02	.17	10	93	243	63	92	88	245
	55	904.35	.02	.17	10	90	243	63	92	88	246
	60	~~905~~									

905.759

Ambient Air Services, Inc.
Field Balance Calibration Record

Date	1/5/2016		
Technician	MEH		
Balance Make/model	Ohaus Scout Pro SP401		
Serial Number	7122090270		
Standard Weights ID	S-2	Certification Date	8/28/15

Note: All weights are in grams.

Standard Weight	Indicated Weight	Difference
50.0	50.0	0.0
100.0	100.0	0.0
150.0	149.9	-0.1
200.0	199.9	-0.1
250.0	249.9	-0.1

Technician Signature: Mike Hinkel

QA Review Signature: Daniel Ockenhouse

QA Review Date: 1/21/2016

Balance Calibration Record
Template
Rev 4 010516

AMBIENT AIR SERVICES METHOD 5 PRE-TEST CONSOLE CALIBRATION

USING CALIBRATED CRITICAL ORIFICES

5-POINT ENGLISH UNITS

Meter Console Information	
Console Model	AASI
Console Serial Number	1
DGM Model Number	275
DGM Serial Number	6842125

Calibration Conditions			
Date	Time	12/11/2015	11:20
Barometric Pressure		30.19	in Hg
Theoretical Critical Vacuum[1]		14.2	in Hg
Calibration Technician		CTL	

Factors/Conversions		
Std Temp	528	^{o}R
Std Press	29.92	in Hg
K_1	17.647	oR/in Hg

[1]For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above.

[2]The Critical Orifice Coefficient, K', must be entered in English units, $(ft^3*^oR^{1/2})/(in.Hg*min)$.

Calibration Data

Run Time	Metering Console					Critical Orifice				
Elapsed	DGM Orifice ΔH	Volume Initial	Volume Final	Outlet Temp Initial	Outlet Temp Final	Serial Number	Coefficient	Amb Temp Initial	Amb Temp Final	Actual Vacuum
(Θ)	(P_m)	(V_{mi})	(V_{mf})	(t_{mi})	(t_{mf})		K'	(t_{amb})	(t_{amb})	
min	in H_2O	cubic feet	cubic feet	^{o}F	^{o}F		see above2	^{o}F	^{o}F	in Hg
7	3.30	479.414	487.029	65	66	73	0.8486	67	68	19
12	1.80	487.029	496.673	66	69	63	0.6213	68	69	21
12	1.00	496.673	504.085	69	71	55	0.4793	69	71	22
14	0.57	504.085	510.740	74	74	48	0.3740	75	75	24
20	0.25	510.740	517.157	74	75	40	0.2511	75	75	26

Results

Standardized Data				Dry Gas Meter				
				Calibration Factor		Flowrate	ΔH @	
Dry Gas Meter		Critical Orifice		Value	Variation	Std & Corr	0.75 SCFM	Variation
($V_{m(std)}$)	($Q_{m(std)}$)	($Vcr_{(std)}$)	($Q_{cr(std)}$)	(Y)	(ΔY)	($Q_{m(std)(corr)}$)	(ΔH@)	(ΔΔH@)
cubic feet	cfm	cubic feet	cfm		Note	cfm	in H2O	
7.782	1.112	7.808	1.115	1.003	-0.010	1.115	1.538	0.101
9.783	0.815	9.791	0.816	1.001	-0.012	0.816	1.551	0.114
7.469	0.622	7.542	0.629	1.010	-0.003	0.629	1.439	0.003
6.649	0.475	6.834	0.488	1.028	0.015	0.488	1.347	-0.089
6.400	0.320	6.555	0.328	1.024	0.011	0.328	1.308	-0.129
				1.013	Y Average		1.437	ΔH@ Average

Note: For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +-0.02.

I certify that the above Dry Gas Meter was calibrated in accordance with USEPA Methods, CFR 40 Part 60, using the Precision Wet Test Meter # 11AE6, which in turn was calibrated using the American Bell Prover # 3785, certificate # F107, which is traceable to the National Bureau of Standards (N.I.S.T.) and in accordance with AASI Shop SOP 3.3.B.

Technician Sign: Cheng-Tung-Liu Date: 12/11/2015 Q A Signature: Daniel Ockenhouse Date: 1/5/2016

AMBIENT AIR SERVICES METHOD 5 POST-TEST CONSOLE CALIBRATION

USING CALIBRATED CRITICAL ORIFICES

3-POINT ENGLISH UNITS

Meter Console Information	
Console Number	MB1
Pre-test "Y' value	1.013
DGM Model Number	275
DGM Serial Number	6842125

Calibration Conditions			
Date	Time	6/16/2016	14:00
Barometric Pressure		29.82	in Hg
Theoretical Critical Vacuum[1]		14.1	in Hg
Calibration Technician	MLH	Project	NSGB

Factors/Conversions		
Std Temp	528	°R
Std Press	29.92	in Hg
K_1	17.647	oR/in Hg

[1]For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above.

[2]The Critical Orifice Coefficient, K', must be entered in English units, $(ft^3*°R^{1/2})/(in.Hg*min)$.

Calibration Data

Run Time	Metering Console					Critical Orifice				
Elapsed	DGM Orifice ΔH	Volume Initial	Volume Final	Outlet Temp Initial	Outlet Temp Final	Serial Number	Coefficient	Amb Temp Initial	Amb Temp Final	Actual Vacuum
(Θ)	(P_m)	(V_{mi})	(V_{mf})	(t_{mi})	(t_{mf})		K'	(t_{amb})	(t_{amb})	
min	in H_2O	cubic feet	cubic feet	°F	°F		see above2	°F	°F	in Hg
16	1.1	921.005	931.267	89	87	55	0.4793	80	80	22
8	1.1	931.267	936.382	87	86	55	0.4793	80	79	22
8	1.1	936.382	941.478	86	86	55	0.4793	79	78	22

Results

Standardized Data				Dry Gas Meter				
				Calibration Factor		Flowrate	ΔH @	
Dry Gas Meter		Critical Orifice		Value	Variation	Std & Corr	0.75 SCFM	Variation
($V_{m(std)}$)	($Q_{m(std)}$)	($Vcr_{(std)}$)	($Q_{cr(std)}$)	(Y)	(ΔY)	($Q_{m(std)(corr)}$)	(ΔH@)	(ΔΔH@)
cubic feet	cfm	cubic feet	cfm		Note 1	cfm	in H2O	
9.880	0.617	9.841	0.615	0.996	-0.002	0.615	1.508	-0.001
4.938	0.617	4.923	0.615	0.997	-0.001	0.615	1.511	0.001
4.924	0.616	4.927	0.616	1.001	0.003	0.616	1.510	0.000
				0.998	Y Average (Note 2)		1.510	ΔH@ Average

Yc Calibration

Elasped Time (> 10 min)	17	DGM Beginning	943.700	DGM End	956.277	Outlet Meter Temp Beginning	85	Outlet Meter Temp End	85	**Yc**	1.032

Note 1: For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +-0.02.

Note 2: For Calibration Factor Y, the resulting average difference shall not more than + or - 5% of the Pre-test Y value.

I certify that the above Dry Gas Meter was calibrated in accordance with USEPA Methods, CFR 40 Part 60, using the Precision Wet Test Meter # 11AE6, which in turn was calibrated using the American Bell Prover # 3785, certificate # F107, which is traceable to the National Bureau of Standards (N.I.S.T.) and in accordance with AASI Shop SOP 3.3.B.

Technician Sign: Matt hamilton Date: 6/16/2016 Q A Signature: Daniel Ockenhouse Date: 6/27/2016

post -test
console calibration
rev 2, 07/10/15

Ambient Air Services, Inc.

106 Ambient Airway

Starke, Florida 32091

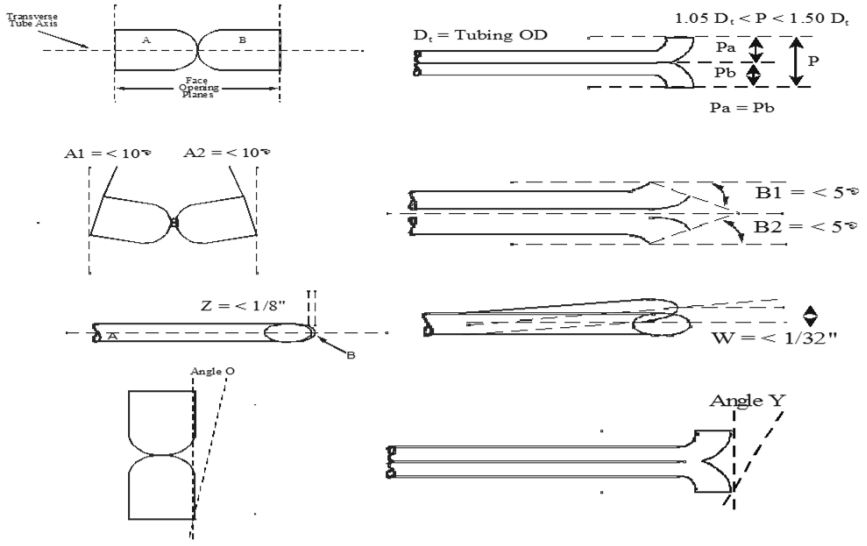
PITOT TUBE POST TEST CALIBRATION FORM

Pitot ID	G6-2			
Technician	MEH			
Project	NSGB			
Date:	6/20/2016			
Pitot Assembly Level	Yes	X	No	
Pitot tube opening damaged or out-of-round	Yes		No	X

If damage is noted, comment below

Pitot Measurements

Pitot tube outside diameter					D_t	0.375			
a1	0				**a2**	1			
b1	0				**b2**	0			
Pa	0.469				**Pb**	0.469			
P	0.938			Max	1.125		Min	0.7875	
Angle Y	0	Degrees	sin	0.000	**Angle O**	0	Degrees	sin	0.000
z = P sin Y	0.000	Inches			w = P sin O	0.000	Inches		
z = < 1/8 Inch					w = < 1/32 inch				



I certify that the measurements contained within this form was conducted correctly and within the guidelines of EPA Method 2.

Technician Signature:	Mike Hinkel	Date:	6/20/2016
Quality Assurance Signature:	Daniel Ockenhouse	Date:	6/27/2016

Pitot Calibration Template
Rev 4, 07/10/15

Ambient Air Services, Inc.

106 Ambient Airway
Starke, Florida 32091

Alternative (EMC ALT-011) Method 2 Thermocouple Calibration

Date	6/20/2016	Reference Thermometer	Type:	m spirits in Glass	Manufacturer:	BCR	
Time	10:15		Serial number	208252			
Project	NSGB	Pyrometer	Manufacturer	Model	Serial number		
Technician	MEH		Omega	HH74K	140122		

Thermocouple ID	Location	Indicated Temperature			Reference Temperature			Difference (must be ± 2°)			Continuity (Pass / Fail)		
TC G6-2	Stack		77.0			77			0			Pass	
TC DHB S	Filter		84.0			83			1			Pass	
TC M	Impinger		77.0			77			0			Pass	
TC MB 1-1	Meter In		91.0			89			2			Pass	
TC MB 1-2	Meter Out		91.0			89			2			Pass	

Comments:

TC DHB S calibrated 6/16/16 at 9:45

TC MB1-1 and TC MB1-2 calibrated 6/15/16 at 14:15

Technician Signature: Michael Hinkel Date: 6/20/2016

Quality Assurance signature: Daniel Ockenhouse QA date: 6/27/2016

Thermocouple (EMC ALT-011) Calibration
Template
rev 1, 07/10/15