



MEMORANDUM

To: Tom Rauth, NAVFAC SE
From: AH Engineering Consultants, Inc.
Subject: NAS Pensacola Corry Station, FL. (Corry Station), Per- and Polyfluoroalkyl Substances [PFAS] Sampling Support Analytical Results (USEPA Methods 533 and 537.1) – 2nd Half Event
Date: 20 September 2024

On 20 August 2024, AH Engineer Faysal Bekdash visited Corry Station, following logistics coordination with Joelle Odaniel-Lopez, PWD Environmental NAS Pensacola, to collect samples from the potable water system that were subsequently analyzed for the presence of PFAS substances (USEPA Method 537.1 and 533).

Finished water samples were collected from the laboratory sink faucet in Building 1039 (Water Treatment Plant Lab). All PFAS sampling protocols were followed during sample collection and there were no anomalies. Samples were prepared for shipping in accordance with the sample collection protocols for PFAS sample collection and shipped overnight via UPS to Pace Analytical Services located in Ormond Beach Florida. Samples were received in the laboratory on 21 August 2024 in satisfactory condition.

Analytical results show that seven of the 29 PFAS parameters analyzed were detected above the respective Practical Quantification Limits (PQLs) (refer to the highlighted items in Table 1 below). Two parameters were detected above the detection limit but below the PQL and thus marked with a J-Flag. The remaining 20 parameters were not detected. Lab QA/QC checks were satisfactory (Field Blank, Method Blank, Matrix Spike/Matrix Spike Duplicates).

Table 1 PFAS Analytical Results

Parameter	CAS Number	Method	Results (ng/L)	Practical Quantification Limit (PQL) AKA Method Report Limit (MRL) (ng/L)	Method Detection Limit (MDL) (ng/L)
11CI-PF3OUdS	763051-92-9	533	0.42U	1.9	0.42
4:2 FTS	757124-72-4	533	0.54U	1.9	0.54
6:2 FTS	27619-97-2	533	3.4U	3.7	3.4
8:2 FTS	39108-34-4	533	0.46U	1.9	0.46
9CI-PF3ONS	756426-58-1	533	0.48U	1.9	0.48
ADONA	919005-14-4	533	0.41U	1.9	0.41
HFPO-DA	13252-13-6	533	0.70U	1.9	0.70
NFDHA	151772-58-6	533	1.5U	1.9	1.5
PFBA	375-22-4	533	1.7 J	1.9	0.59
PFEESA	113507-82-7	533	0.34U	1.9	0.34
PFHpS	375-92-8	533	0.38U	1.9	0.38
PFMBA	863090-89-5	533	0.25U	1.9	0.25
PFMPA	377-73-1	533	0.32U	1.9	0.32
PFPeA	2706-90-3	533	4.2	1.9	0.30
PFPeS	2706-91-4	533	0.87 J	1.9	0.73
NEtFOSAA	2991-50-6	537.1	0.89U	1.9	0.89
NMeFOSAA	2355-31-9	537.1	1.5U	1.9	1.5
Perfluorobutanesulfonic acid (PFBSA)	375-73-5	533	2.2	1.9	0.41
Perfluorodecanoic acid (PFDA)	335-76-2	533	0.30U	1.9	0.30
Perfluorododecanoic acid (PFDOA)	307-55-1	533	0.51U	1.9	0.51
Perfluoroheptanoic acid (PFHPA)	375-85-9	533	1.9	1.9	0.42
Perfluorohexanesulfonic acid (PFHXSA)	355-46-4	533	5.8	1.9	0.88
Perfluorohexanoic acid (PFHXA)	307-24-4	533	3.7	1.9	0.30
Perfluorononanoic acid (PFNA)	375-95-1	533	0.32U	1.9	0.32
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	533	4.2	1.9	0.34
Perfluorooctanoic acid (PFOA)	335-67-1	533	6.1	1.9	0.30
Perfluorotetradecanoic acid (PFTEA)	376-06-7	537.1	1.8U	1.9	1.8
Perfluorotridecanoic acid (PFTRIA)	72629-94-8	537.1	1.7U	1.9	1.7
Perfluoroundecanoic acid (PFUNA)	2058-94-8	533	0.40U	1.9	0.40
Notes:					
J – Estimated concentration above the adjusted method detection limit and below the adjusted method reporting limit					
U – Indicates the compound was analyzed for, but not detected.					

In accordance with the USEPAs April 10, 2024 publishing of the PFAS National Primary Drinking Water Regulations (NPDWR), AH compared the published MCLs with the results in Table 1. Table 2 below provides the results of this comparison, showing that of the 5 PFAS MCLs, only PFOA and PFOS exceeded their respective MCLs. Additionally, the USEPA PFAS NPDWR also includes a final Hazard Index (unitless MCL of 1) for a mixture of PFHxS, PFNA, HFPO-DA, and PFBS. AH calculated the hazard index per the regulatory prescribed method and determined a Hazard Index of 0.58 (refer to Table 3).

Table 2 USEPA PFAS MCL Comparison

Individual USEPA PFAS MCL Comparison	Result (ng/L)	USEPA MCL (ng/L)
PFOA	6.1	4
PFOS	4.2	4
PFHxS	5.8	10
HFPO-DA	0.70U	10
PFNA	0.32U	10

Table 3 PFAS Hazard Index Calculation

USEPA Hazard Index MCL Calculation:		
HFPO-DA	0.70U	0
PFBS	2.2	2.2
PFNA	0.32U	0
PFHxS	5.8	5.8
Hazard Index:		0.58
USEPA Hazard Index MCL = 1 (unitless)		

The final rule (<https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas>) requires:

- Public water systems must monitor for these PFAS and have three years to complete initial monitoring (by 2027), followed by ongoing compliance monitoring. Water systems must also provide the public with information on the levels of these PFAS in their drinking water beginning in 2027.
- Public water systems have five years (by 2029) to implement solutions that reduce these PFAS if monitoring shows that drinking water levels exceed these MCLs.

- Beginning in five years (2029), public water systems that have PFAS in drinking water which violates one or more of these MCLs must take action to reduce levels of these PFAS in their drinking water and must provide notification to the public of the violation.

Attachment 1 provides the subject Pace Analytical Laboratory Report (USEPA Method 533 and 537.1), with the respective chain of custody forms.

Should you have any questions please let us know.

Attachment 1
Analytical Results Report



September 06, 2024

Anthony Gruber
AH Environmental

RE: Project: Corry Station WTP
Pace Project No.: 35900294

Dear Anthony Gruber:

Enclosed are the analytical results for sample(s) received by the laboratory on August 21, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bo Garcia
bo.garcia@pacelabs.com
(386)672-5668
Project Manager

Enclosures

cc: Jay Allen, AH Environmental Consultants
Faysal Bekdash, AH Environmental Consultants, Inc.
Nick DeGuida, AH Environmental Consultants



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Corry Station WTP

Pace Project No.: 35900294

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

California Certification# 3096

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

DoD-ANAB #:ADE-3199

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

Nevada Certification: FL NELAC Reciprocity

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Utah FL NELAC Reciprocity

Utah

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: Corry Station WTP
Pace Project No.: 35900294

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35900294001	1-Corry Storm WTP 2 -5-537.1	Drinking Water	08/20/24 09:00	08/21/24 10:20
35900294002	Field Blank	Drinking Water	08/20/24 09:05	08/21/24 10:20

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SAMPLE ANALYTE COUNT

Project: Corry Station WTP
Pace Project No.: 35900294

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35900294001	1-Corry Storm WTP 2 -5-537.1	EPA 533	HL	41	PASI-O
		EPA 537.1	HL	22	PASI-O
35900294002	Field Blank	EPA 533	HL	41	PASI-O
		EPA 537.1	HL	22	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

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ANALYTICAL RESULTS

Project: Corry Station WTP

Pace Project No.: 35900294

Sample: 1-Corry Storm WTP 2 -5-537.1 Lab ID: 35900294001 Collected: 08/20/24 09:00 Received: 08/21/24 10:20 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
533 PFAS Compounds, Water		Analytical Method: EPA 533 Preparation Method: EPA 533 Pace Analytical Services - Ormond Beach							
11CI-PF3OUdS	0.42U	ng/L	1.9	0.42	1	08/27/24 12:36	08/30/24 10:04	763051-92-9	
4:2 FTS	0.54U	ng/L	1.9	0.54	1	08/27/24 12:36	08/30/24 10:04	757124-72-4	
6:2 FTS	3.4U	ng/L	3.7	3.4	1	08/27/24 12:36	08/30/24 10:04	27619-97-2	
8:2 FTS	0.46U	ng/L	1.9	0.46	1	08/27/24 12:36	08/30/24 10:04	39108-34-4	
9CI-PF3ONS	0.48U	ng/L	1.9	0.48	1	08/27/24 12:36	08/30/24 10:04	756426-58-1	
ADONA	0.41U	ng/L	1.9	0.41	1	08/27/24 12:36	08/30/24 10:04	919005-14-4	
HFPO-DA	0.70U	ng/L	1.9	0.70	1	08/27/24 12:36	08/30/24 10:04	13252-13-6	
NFDHA	1.5U	ng/L	1.9	1.5	1	08/27/24 12:36	08/30/24 10:04	151772-58-6	
PFBS	2.2	ng/L	1.9	0.41	1	08/27/24 12:36	08/30/24 10:04	375-73-5	
PFDA	0.30U	ng/L	1.9	0.30	1	08/27/24 12:36	08/30/24 10:04	335-76-2	
PFHxA	3.7	ng/L	1.9	0.30	1	08/27/24 12:36	08/30/24 10:04	307-24-4	
PFBA	1.7J	ng/L	1.9	0.59	1	08/27/24 12:36	08/30/24 10:04	375-22-4	
PFEESA	0.34U	ng/L	1.9	0.34	1	08/27/24 12:36	08/30/24 10:04	113507-82-7	
PFHpS	0.38U	ng/L	1.9	0.38	1	08/27/24 12:36	08/30/24 10:04	375-92-8	
PFMBA	0.25U	ng/L	1.9	0.25	1	08/27/24 12:36	08/30/24 10:04	863090-89-5	
PFMPA	0.32U	ng/L	1.9	0.32	1	08/27/24 12:36	08/30/24 10:04	377-73-1	
PFPeA	4.2	ng/L	1.9	0.30	1	08/27/24 12:36	08/30/24 10:04	2706-90-3	
PFPeS	0.87J	ng/L	1.9	0.73	1	08/27/24 12:36	08/30/24 10:04	2706-91-4	
PFDoA	0.51U	ng/L	1.9	0.51	1	08/27/24 12:36	08/30/24 10:04	307-55-1	
PFHpA	1.9	ng/L	1.9	0.42	1	08/27/24 12:36	08/30/24 10:04	375-85-9	
PFHxS	5.8	ng/L	1.9	0.88	1	08/27/24 12:36	08/30/24 10:04	355-46-4	
PFNA	0.32U	ng/L	1.9	0.32	1	08/27/24 12:36	08/30/24 10:04	375-95-1	
PFOS	4.2	ng/L	1.9	0.34	1	08/27/24 12:36	08/30/24 10:04	1763-23-1	
PFOA	6.1	ng/L	1.9	0.30	1	08/27/24 12:36	08/30/24 10:04	335-67-1	
PFUnA	0.40U	ng/L	1.9	0.40	1	08/27/24 12:36	08/30/24 10:04	2058-94-8	
Surrogates									
13C24:2FTS (S)	115	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C26:2FTS (S)	103	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C28:2FTS (S)	101	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C2-PFDoA (S)	95	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C3HFPO-DA(S)	101	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C3-PFBS (S)	117	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C3-PFHxS (S)	123	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C4-PFBA (S)	99	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C4-PFHpA (S)	113	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C5-PFHxA (S)	110	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C5-PFPeA (S)	96	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C6-PFDA (S)	104	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C7-PFUdA (S)	96	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C8-PFOA (S)	109	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C8-PFOS (S)	117	%	50-200		1	08/27/24 12:36	08/30/24 10:04		
13C9-PFNA (S)	116	%	50-200		1	08/27/24 12:36	08/30/24 10:04		

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ANALYTICAL RESULTS

Project: Corry Station WTP

Pace Project No.: 35900294

Sample: 1-Corry Storm WTP 2 -5-537.1 Lab ID: 35900294001 Collected: 08/20/24 09:00 Received: 08/21/24 10:20 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
537.1 PFAS Compounds, Water									
Analytical Method: EPA 537.1 Preparation Method: EPA 537.1									
Pace Analytical Services - Ormond Beach									
11CI-PF3OUdS	1.5U	ng/L	1.9	1.5	1	08/22/24 05:36	08/27/24 16:02	763051-92-9	
9CI-PF3ONS	1.1U	ng/L	1.9	1.1	1	08/22/24 05:36	08/27/24 16:02	756426-58-1	
ADONA	0.69U	ng/L	1.9	0.69	1	08/22/24 05:36	08/27/24 16:02	919005-14-4	
HFPO-DA	1.6U	ng/L	1.9	1.6	1	08/22/24 05:36	08/27/24 16:02	13252-13-6	
NEtFOSAA	0.89U	ng/L	1.9	0.89	1	08/22/24 05:36	08/27/24 16:02	2991-50-6	
NMeFOSAA	1.5U	ng/L	1.9	1.5	1	08/22/24 05:36	08/27/24 16:02	2355-31-9	
PFBS	2.8	ng/L	1.9	0.64	1	08/22/24 05:36	08/27/24 16:02	375-73-5	
PFDA	0.93U	ng/L	1.9	0.93	1	08/22/24 05:36	08/27/24 16:02	335-76-2	
PFHxA	4.3	ng/L	1.9	1.2	1	08/22/24 05:36	08/27/24 16:02	307-24-4	
PFDoA	1.4U	ng/L	1.9	1.4	1	08/22/24 05:36	08/27/24 16:02	307-55-1	
PFHpA	2.1	ng/L	1.9	0.96	1	08/22/24 05:36	08/27/24 16:02	375-85-9	
PFHxS	6.2	ng/L	1.9	0.70	1	08/22/24 05:36	08/27/24 16:02	355-46-4	
PFNA	1.9U	ng/L	1.9	1.9	1	08/22/24 05:36	08/27/24 16:02	375-95-1	
PFOS	4.7	ng/L	1.9	1.1	1	08/22/24 05:36	08/27/24 16:02	1763-23-1	
PFOA	6.3	ng/L	1.9	0.84	1	08/22/24 05:36	08/27/24 16:02	335-67-1	
PFTeDA	1.8U	ng/L	1.9	1.8	1	08/22/24 05:36	08/27/24 16:02	376-06-7	
PFTrDA	1.7U	ng/L	1.9	1.7	1	08/22/24 05:36	08/27/24 16:02	72629-94-8	
PFUnA	1.9U	ng/L	1.9	1.9	1	08/22/24 05:36	08/27/24 16:02	2058-94-8	
Surrogates									
13C2-PFDA (S)	105	%	70-130		1	08/22/24 05:36	08/27/24 16:02		
13C2-PFHxA (S)	107	%	70-130		1	08/22/24 05:36	08/27/24 16:02		
NEtFOSAA-d5 (S)	107	%	70-130		1	08/22/24 05:36	08/27/24 16:02		
HFPO-DAS (S)	100	%	70-130		1	08/22/24 05:36	08/27/24 16:02		

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ANALYTICAL RESULTS

Project: Corry Station WTP

Pace Project No.: 35900294

Sample: Field Blank Lab ID: 35900294002 Collected: 08/20/24 09:05 Received: 08/21/24 10:20 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
533 PFAS Compounds, Water									
Analytical Method: EPA 533 Preparation Method: EPA 533									
Pace Analytical Services - Ormond Beach									
11CI-PF3OUdS	0.39U	ng/L	1.8	0.39	1	08/28/24 06:27	08/28/24 17:30	763051-92-9	
4:2 FTS	0.51U	ng/L	1.8	0.51	1	08/28/24 06:27	08/28/24 17:30	757124-72-4	
6:2 FTS	3.2U	ng/L	3.5	3.2	1	08/28/24 06:27	08/28/24 17:30	27619-97-2	
8:2 FTS	0.43U	ng/L	1.8	0.43	1	08/28/24 06:27	08/28/24 17:30	39108-34-4	
9CI-PF3ONS	0.45U	ng/L	1.8	0.45	1	08/28/24 06:27	08/28/24 17:30	756426-58-1	
ADONA	0.39U	ng/L	1.8	0.39	1	08/28/24 06:27	08/28/24 17:30	919005-14-4	
HFPO-DA	0.66U	ng/L	1.8	0.66	1	08/28/24 06:27	08/28/24 17:30	13252-13-6	
NFDHA	1.4U	ng/L	1.8	1.4	1	08/28/24 06:27	08/28/24 17:30	151772-58-6	
PFBS	0.39U	ng/L	1.8	0.39	1	08/28/24 06:27	08/28/24 17:30	375-73-5	
PFDA	0.28U	ng/L	1.8	0.28	1	08/28/24 06:27	08/28/24 17:30	335-76-2	
PFHxA	0.28U	ng/L	1.8	0.28	1	08/28/24 06:27	08/28/24 17:30	307-24-4	
PFBA	0.55U	ng/L	1.8	0.55	1	08/28/24 06:27	08/28/24 17:30	375-22-4	
PFEESA	0.32U	ng/L	1.8	0.32	1	08/28/24 06:27	08/28/24 17:30	113507-82-7	
PFHpS	0.36U	ng/L	1.8	0.36	1	08/28/24 06:27	08/28/24 17:30	375-92-8	
PFMBA	0.24U	ng/L	1.8	0.24	1	08/28/24 06:27	08/28/24 17:30	863090-89-5	
PFMPA	0.30U	ng/L	1.8	0.30	1	08/28/24 06:27	08/28/24 17:30	377-73-1	
PFPeA	0.28U	ng/L	1.8	0.28	1	08/28/24 06:27	08/28/24 17:30	2706-90-3	
PFPeS	0.68U	ng/L	1.8	0.68	1	08/28/24 06:27	08/28/24 17:30	2706-91-4	
PFDoA	0.48U	ng/L	1.8	0.48	1	08/28/24 06:27	08/28/24 17:30	307-55-1	
PFHpA	0.39U	ng/L	1.8	0.39	1	08/28/24 06:27	08/28/24 17:30	375-85-9	
PFHxS	0.82U	ng/L	1.8	0.82	1	08/28/24 06:27	08/28/24 17:30	355-46-4	
PFNA	0.30U	ng/L	1.8	0.30	1	08/28/24 06:27	08/28/24 17:30	375-95-1	
PFOS	0.32U	ng/L	1.8	0.32	1	08/28/24 06:27	08/28/24 17:30	1763-23-1	
PFOA	0.28U	ng/L	1.8	0.28	1	08/28/24 06:27	08/28/24 17:30	335-67-1	
PFUnA	0.38U	ng/L	1.8	0.38	1	08/28/24 06:27	08/28/24 17:30	2058-94-8	
Surrogates									
13C24:2FTS (S)	147	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C26:2FTS (S)	121	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C28:2FTS (S)	107	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C2-PFDoA (S)	90	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C3HFPO-DA(S)	102	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C3-PFBS (S)	115	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C3-PFHxS (S)	108	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C4-PFBA (S)	95	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C4-PFHpA (S)	101	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C5-PFHxA (S)	102	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C5-PFPeA (S)	93	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C6-PFDA (S)	88	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C7-PFUdA (S)	87	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C8-PFOA (S)	95	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C8-PFOS (S)	102	%	50-200		1	08/28/24 06:27	08/28/24 17:30		
13C9-PFNA (S)	97	%	50-200		1	08/28/24 06:27	08/28/24 17:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Corry Station WTP

Pace Project No.: 35900294

Sample: Field Blank Lab ID: 35900294002 Collected: 08/20/24 09:05 Received: 08/21/24 10:20 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
537.1 PFAS Compounds, Water									
Analytical Method: EPA 537.1 Preparation Method: EPA 537.1									
Pace Analytical Services - Ormond Beach									
11CI-PF3OUdS	1.4U	ng/L	1.7	1.4	1	08/22/24 05:36	08/27/24 16:49	763051-92-9	
9CI-PF3ONS	0.99U	ng/L	1.7	0.99	1	08/22/24 05:36	08/27/24 16:49	756426-58-1	
ADONA	0.63U	ng/L	1.7	0.63	1	08/22/24 05:36	08/27/24 16:49	919005-14-4	
HFPO-DA	1.4U	ng/L	1.7	1.4	1	08/22/24 05:36	08/27/24 16:49	13252-13-6	
NEtFOSAA	0.81U	ng/L	1.7	0.81	1	08/22/24 05:36	08/27/24 16:49	2991-50-6	
NMeFOSAA	1.4U	ng/L	1.7	1.4	1	08/22/24 05:36	08/27/24 16:49	2355-31-9	
PFBS	0.58U	ng/L	1.7	0.58	1	08/22/24 05:36	08/27/24 16:49	375-73-5	
PFDA	0.85U	ng/L	1.7	0.85	1	08/22/24 05:36	08/27/24 16:49	335-76-2	
PFHxA	1.1U	ng/L	1.7	1.1	1	08/22/24 05:36	08/27/24 16:49	307-24-4	
PFDoA	1.3U	ng/L	1.7	1.3	1	08/22/24 05:36	08/27/24 16:49	307-55-1	
PFHpA	0.88U	ng/L	1.7	0.88	1	08/22/24 05:36	08/27/24 16:49	375-85-9	
PFHxS	0.64U	ng/L	1.7	0.64	1	08/22/24 05:36	08/27/24 16:49	355-46-4	
PFNA	1.7U	ng/L	1.7	1.7	1	08/22/24 05:36	08/27/24 16:49	375-95-1	
PFOS	1.1U	ng/L	1.7	1.1	1	08/22/24 05:36	08/27/24 16:49	1763-23-1	
PFOA	0.76U	ng/L	1.7	0.76	1	08/22/24 05:36	08/27/24 16:49	335-67-1	
PFTeDA	1.6U	ng/L	1.7	1.6	1	08/22/24 05:36	08/27/24 16:49	376-06-7	
PFTrDA	1.5U	ng/L	1.7	1.5	1	08/22/24 05:36	08/27/24 16:49	72629-94-8	
PFUnA	1.7U	ng/L	1.7	1.7	1	08/22/24 05:36	08/27/24 16:49	2058-94-8	
Surrogates									
13C2-PFDA (S)	106	%	70-130		1	08/22/24 05:36	08/27/24 16:49		
13C2-PFHxA (S)	108	%	70-130		1	08/22/24 05:36	08/27/24 16:49		
NEtFOSAA-d5 (S)	108	%	70-130		1	08/22/24 05:36	08/27/24 16:49		
HFPO-DAS (S)	105	%	70-130		1	08/22/24 05:36	08/27/24 16:49		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Corry Station WTP

Pace Project No.: 35900294

QC Batch: 1036850

Analysis Method: EPA 533

QC Batch Method: EPA 533

Analysis Description: 533 PFAS Compounds, Water

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35900294001

METHOD BLANK: 5698308

Matrix: Drinking Water

Associated Lab Samples: 35900294001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
11CI-PF3OUdS	ng/L	0.45U	2.0	0.45	08/30/24 03:16	
4:2 FTS	ng/L	0.58U	2.0	0.58	08/30/24 03:16	
6:2 FTS	ng/L	3.6U	4.0	3.6	08/30/24 03:16	
8:2 FTS	ng/L	0.49U	2.0	0.49	08/30/24 03:16	
9CI-PF3ONS	ng/L	0.51U	2.0	0.51	08/30/24 03:16	
ADONA	ng/L	0.44U	2.0	0.44	08/30/24 03:16	
HFPO-DA	ng/L	0.75U	2.0	0.75	08/30/24 03:16	
NFDHA	ng/L	1.6U	2.0	1.6	08/30/24 03:16	
PFBA	ng/L	0.63U	2.0	0.63	08/30/24 03:16	
PFBS	ng/L	0.44U	2.0	0.44	08/30/24 03:16	
PFDA	ng/L	0.32U	2.0	0.32	08/30/24 03:16	
PFDaA	ng/L	0.55U	2.0	0.55	08/30/24 03:16	
PFEESA	ng/L	0.36U	2.0	0.36	08/30/24 03:16	
PFHpA	ng/L	0.45U	2.0	0.45	08/30/24 03:16	
PFHpS	ng/L	0.41U	2.0	0.41	08/30/24 03:16	
PFHxA	ng/L	0.32U	2.0	0.32	08/30/24 03:16	
PFHxS	ng/L	0.94U	2.0	0.94	08/30/24 03:16	
PFMBA	ng/L	0.27U	2.0	0.27	08/30/24 03:16	
PFMPA	ng/L	0.34U	2.0	0.34	08/30/24 03:16	
PFNA	ng/L	0.34U	2.0	0.34	08/30/24 03:16	
PFOA	ng/L	0.32U	2.0	0.32	08/30/24 03:16	
PFOS	ng/L	0.36U	2.0	0.36	08/30/24 03:16	
PFPeA	ng/L	0.32U	2.0	0.32	08/30/24 03:16	
PFPeS	ng/L	0.78U	2.0	0.78	08/30/24 03:16	
PFUnA	ng/L	0.43U	2.0	0.43	08/30/24 03:16	
13C2-PFDaA (S)	%	93	50-200		08/30/24 03:16	
13C24:2FTS (S)	%	102	50-200		08/30/24 03:16	
13C26:2FTS (S)	%	107	50-200		08/30/24 03:16	
13C28:2FTS (S)	%	96	50-200		08/30/24 03:16	
13C3-PFBS (S)	%	104	50-200		08/30/24 03:16	
13C3-PFHxS (S)	%	113	50-200		08/30/24 03:16	
13C3HFPO-DA(S)	%	93	50-200		08/30/24 03:16	
13C4-PFBA (S)	%	96	50-200		08/30/24 03:16	
13C4-PFHpA (S)	%	102	50-200		08/30/24 03:16	
13C5-PFHxA (S)	%	95	50-200		08/30/24 03:16	
13C5-PFPeA (S)	%	90	50-200		08/30/24 03:16	
13C6-PFDA (S)	%	99	50-200		08/30/24 03:16	
13C7-PFUdA (S)	%	95	50-200		08/30/24 03:16	
13C8-PFOA (S)	%	100	50-200		08/30/24 03:16	
13C8-PFOS (S)	%	109	50-200		08/30/24 03:16	

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QUALITY CONTROL DATA

Project: Corry Station WTP

Pace Project No.: 35900294

METHOD BLANK: 5698308

Matrix: Drinking Water

Associated Lab Samples: 35900294001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
13C9-PFNA (S)	%	104	50-200		08/30/24 03:16	

LABORATORY CONTROL SAMPLE: 5698309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11Cl-PF3OUdS	ng/L	7.6	7.7	102	70-130	
4:2 FTS	ng/L	7.6	7.9	103	70-130	
6:2 FTS	ng/L	7.6	7.9	105	70-130	
8:2 FTS	ng/L	7.6	8.5	112	70-130	
9Cl-PF3ONS	ng/L	7.6	8.0	105	70-130	
ADONA	ng/L	7.6	7.4	98	70-130	
HFPO-DA	ng/L	8	8.9	111	70-130	
NFDHA	ng/L	8	8.5	106	70-130	
PFBA	ng/L	8	8.3	104	70-130	
PFBS	ng/L	7.2	7.3	102	70-130	
PFDA	ng/L	8	8.4	104	70-130	
PFD _o A	ng/L	8	8.3	104	70-130	
PFEESA	ng/L	7.2	7.7	107	70-130	
PFHpA	ng/L	8	8.2	103	70-130	
PFHpS	ng/L	7.6	7.9	104	70-130	
PFHxA	ng/L	8	8.4	105	70-130	
PFHxS	ng/L	7.2	6.3	87	70-130	
PFMBA	ng/L	8	8.6	107	70-130	
PFMPA	ng/L	8	7.7	96	70-130	
PFNA	ng/L	8	7.8	97	70-130	
PFOA	ng/L	8	8.1	101	70-130	
PFOS	ng/L	7.6	7.7	102	70-130	
PFPeA	ng/L	8	8.3	104	70-130	
PFPeS	ng/L	7.6	8.8	116	70-130	
PFUnA	ng/L	8	8.3	104	70-130	
13C2-PFD _o A (S)	%			99	50-200	
13C24:2FTS (S)	%			102	50-200	
13C26:2FTS (S)	%			105	50-200	
13C28:2FTS (S)	%			97	50-200	
13C3-PFBS (S)	%			105	50-200	
13C3-PFHxS (S)	%			117	50-200	
13C3HFPO-DA(S)	%			94	50-200	
13C4-PFBA (S)	%			99	50-200	
13C4-PFHpA (S)	%			108	50-200	
13C5-PFHxA (S)	%			99	50-200	
13C5-PFPeA (S)	%			94	50-200	
13C6-PFDA (S)	%			103	50-200	
13C7-PFUDa (S)	%			101	50-200	
13C8-PFOA (S)	%			106	50-200	

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QUALITY CONTROL DATA

Project: Corry Station WTP

Pace Project No.: 35900294

LABORATORY CONTROL SAMPLE: 5698309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
13C8-PFOS (S)	%			113	50-200	
13C9-PFNA (S)	%			110	50-200	

LABORATORY CONTROL SAMPLE: 5698310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11CI-PF3OUdS	ng/L	1.9	2.0J	104	50-150	
4:2 FTS	ng/L	1.9	2.0	106	50-150	
6:2 FTS	ng/L	1.9	3.6U	117	50-150	
8:2 FTS	ng/L	1.9	2.1	113	50-150	
9CI-PF3ONS	ng/L	1.9	2.0	106	50-150	
ADONA	ng/L	1.9	2.0J	103	50-150	
HFPO-DA	ng/L	2	2.2	111	50-150	
NFDHA	ng/L	2	2.3	114	50-150	
PFBA	ng/L	2	2.1	105	50-150	
PFBS	ng/L	1.8	1.8J	98	50-150	
PFDA	ng/L	2	2.1	105	50-150	
PFDaA	ng/L	2	2.1	104	50-150	
PFEESA	ng/L	1.8	2.0J	111	50-150	
PFHpA	ng/L	2	2.1	106	50-150	
PFHpS	ng/L	1.9	2.1	109	50-150	
PFHxA	ng/L	2	2.3	114	50-150	
PFHxS	ng/L	1.8	2.0	112	50-150	
PFMBA	ng/L	2	2.3	113	50-150	
PFMPA	ng/L	2	2.0	101	50-150	
PFNA	ng/L	2	2.0	100	50-150	
PFOA	ng/L	2	2.0	102	50-150	
PFOS	ng/L	1.9	2.2	115	50-150	
PFPeA	ng/L	2	2.2	109	50-150	
PFPeS	ng/L	1.9	2.3	120	50-150	
PFUnA	ng/L	2	2.1	105	50-150	
13C2-PFDoA (S)	%			98	50-200	
13C24:2FTS (S)	%			103	50-200	
13C26:2FTS (S)	%			99	50-200	
13C28:2FTS (S)	%			96	50-200	
13C3-PFBS (S)	%			104	50-200	
13C3-PFHxS (S)	%			116	50-200	
13C3HFPO-DA(S)	%			100	50-200	
13C4-PFBA (S)	%			102	50-200	
13C4-PFHpA (S)	%			108	50-200	
13C5-PFHxA (S)	%			102	50-200	
13C5-PFPeA (S)	%			96	50-200	
13C6-PFDA (S)	%			100	50-200	
13C7-PFUdA (S)	%			97	50-200	
13C8-PFOA (S)	%			106	50-200	

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QUALITY CONTROL DATA

Project: Corry Station WTP
Pace Project No.: 35900294

LABORATORY CONTROL SAMPLE: 5698310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
13C8-PFOS (S)	%			111	50-200	
13C9-PFNA (S)	%			111	50-200	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5698311 5698312

Parameter	Units	35899262013		MS	MSD	5698311		5698312		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
11CI-PF3OUdS	ng/L	0.00045U ug/L	1.9	1.8	1.9J	1.9	103	106	70-130		30		
4:2 FTS	ng/L	0.00058U ug/L	1.9	1.8	2.0	2.0	107	105	70-130	3	30		
6:2 FTS	ng/L	0.0036U ug/L	1.9	1.8	3.5U	3.5U	114	111	70-130		30		
8:2 FTS	ng/L	0.00049U ug/L	1.9	1.8	2.1	2.2	113	118	70-130	3	30		
9CI-PF3ONS	ng/L	0.00051U ug/L	1.9	1.8	2.0J	2.0	105	106	70-130		30		
ADONA	ng/L	0.00044U ug/L	1.9	1.8	1.9J	1.8J	103	99	70-130		30		
HFPO-DA	ng/L	0.00076U ug/L	2	1.9	2.2	2.1	108	104	70-130	5	30		
NFDHA	ng/L	0.0017U ug/L	2	1.9	2.1	2.1	104	105	70-130	0	30		
PFBA	ng/L	0.011 ug/L	2	1.9	13.1	12.9	113	103	70-130	2	30		
PFBS	ng/L	0.00044U ug/L	1.8	1.7	1.8J	1.8J	104	101	70-130		30		
PFDA	ng/L	0.00032U ug/L	2	1.9	2.1	2.0	105	101	70-130	4	30		
PFDoA	ng/L	0.00055U ug/L	2	1.9	2.0	2.1	104	107	70-130	2	30		
PFEESA	ng/L	0.00036U ug/L	1.8	1.7	1.9J	2.0	106	118	70-130		30		
PFHpA	ng/L	0.00045U ug/L	2	1.9	2.1	2.1	106	106	70-130	1	30		
PFHpS	ng/L	0.00041U ug/L	1.9	1.8	2.0	2.0	108	109	70-130	0	30		
PFHxA	ng/L	0.0015J ug/L	2	1.9	3.8	3.7	115	114	70-130	1	30		
PFHxS	ng/L	0.00095U ug/L	1.8	1.7	2.1	1.8J	117	105	70-130		30		
PFMBA	ng/L	0.00027U ug/L	2	1.9	2.3	2.2	119	114	70-130	5	30		
PFMPA	ng/L	0.00034U ug/L	2	1.9	2.0	1.9	101	100	70-130	2	30		
PFNA	ng/L	0.00034U ug/L	2	1.9	1.9J	2.0	96	99	70-130		30		
PFOA	ng/L	0.00032U ug/L	2	1.9	2.1	2.0	103	101	70-130	2	30		
PFOS	ng/L	0.00036U ug/L	1.9	1.8	2.1	2.1	111	111	70-130	2	30		
PFPeA	ng/L	0.030 ug/L	2	1.9	33.4	32.6	159	116	70-130	3	30	M1	

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QUALITY CONTROL DATA

Project: Corry Station WTP

Pace Project No.: 35900294

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5698311 5698312											
Parameter	Units	35899262013 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
PFPeS	ng/L	0.00079U ug/L	1.9	1.8	2.2	2.2	120	121	70-130	0	30
PFUa	ng/L	0.00043U ug/L	2	1.9	2.1	2.1	107	106	70-130	2	30
13C2-PFDoA (S)	%						95	95	50-200		
13C24:2FTS (S)	%						109	114	50-200		
13C26:2FTS (S)	%						110	108	50-200		
13C28:2FTS (S)	%						96	98	50-200		
13C3-PFBS (S)	%						105	108	50-200		
13C3-PFHxS (S)	%						113	114	50-200		
13C3HFPO-DA(S)	%						95	97	50-200		
13C4-PFBA (S)	%						99	100	50-200		
13C4-PFHpA (S)	%						106	105	50-200		
13C5-PFHxA (S)	%						98	100	50-200		
13C5-PFPeA (S)	%						94	95	50-200		
13C6-PFDA (S)	%						99	97	50-200		
13C7-PFUdA (S)	%						96	96	50-200		
13C8-PFOA (S)	%						102	101	50-200		
13C8-PFOS (S)	%						108	111	50-200		
13C9-PFNA (S)	%						107	104	50-200		

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QUALITY CONTROL DATA

Project: Corry Station WTP

Pace Project No.: 35900294

QC Batch: 1037143

Analysis Method: EPA 533

QC Batch Method: EPA 533

Analysis Description: 533 PFAS Compounds, Water

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35900294002

METHOD BLANK: 5699991

Matrix: Drinking Water

Associated Lab Samples: 35900294002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
11CI-PF3OUdS	ng/L	0.45U	2.0	0.45	08/28/24 15:45	
4:2 FTS	ng/L	0.58U	2.0	0.58	08/28/24 15:45	
6:2 FTS	ng/L	3.6U	4.0	3.6	08/28/24 15:45	
8:2 FTS	ng/L	0.49U	2.0	0.49	08/28/24 15:45	
9CI-PF3ONS	ng/L	0.51U	2.0	0.51	08/28/24 15:45	
ADONA	ng/L	0.44U	2.0	0.44	08/28/24 15:45	
HFPO-DA	ng/L	1.3J	2.0	0.75	08/28/24 15:45	
NFDHA	ng/L	1.6U	2.0	1.6	08/28/24 15:45	
PFBA	ng/L	0.63U	2.0	0.63	08/28/24 15:45	
PFBS	ng/L	0.44U	2.0	0.44	08/28/24 15:45	
PFDA	ng/L	0.32U	2.0	0.32	08/28/24 15:45	
PFDaA	ng/L	0.55U	2.0	0.55	08/28/24 15:45	
PFEESA	ng/L	0.36U	2.0	0.36	08/28/24 15:45	
PFHpA	ng/L	0.45U	2.0	0.45	08/28/24 15:45	
PFHpS	ng/L	0.41U	2.0	0.41	08/28/24 15:45	
PFHxA	ng/L	0.32U	2.0	0.32	08/28/24 15:45	
PFHxS	ng/L	0.94U	2.0	0.94	08/28/24 15:45	
PFMBA	ng/L	0.27U	2.0	0.27	08/28/24 15:45	
PFMPA	ng/L	0.34U	2.0	0.34	08/28/24 15:45	
PFNA	ng/L	0.34U	2.0	0.34	08/28/24 15:45	
PFOA	ng/L	0.32U	2.0	0.32	08/28/24 15:45	
PFOS	ng/L	0.36U	2.0	0.36	08/28/24 15:45	
PFPeA	ng/L	0.32U	2.0	0.32	08/28/24 15:45	
PFPeS	ng/L	0.78U	2.0	0.78	08/28/24 15:45	
PFUnA	ng/L	0.43U	2.0	0.43	08/28/24 15:45	
13C2-PFDaA (S)	%	76	50-200		08/28/24 15:45	
13C24:2FTS (S)	%	154	50-200		08/28/24 15:45	
13C26:2FTS (S)	%	139	50-200		08/28/24 15:45	
13C28:2FTS (S)	%	125	50-200		08/28/24 15:45	
13C3-PFBS (S)	%	118	50-200		08/28/24 15:45	
13C3-PFHxS (S)	%	120	50-200		08/28/24 15:45	
13C3HFPO-DA(S)	%	75	50-200		08/28/24 15:45	
13C4-PFBA (S)	%	89	50-200		08/28/24 15:45	
13C4-PFHpA (S)	%	99	50-200		08/28/24 15:45	
13C5-PFHxA (S)	%	93	50-200		08/28/24 15:45	
13C5-PFPeA (S)	%	105	50-200		08/28/24 15:45	
13C6-PFDA (S)	%	80	50-200		08/28/24 15:45	
13C7-PFUdA (S)	%	74	50-200		08/28/24 15:45	
13C8-PFOA (S)	%	90	50-200		08/28/24 15:45	
13C8-PFOS (S)	%	107	50-200		08/28/24 15:45	

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QUALITY CONTROL DATA

Project: Corry Station WTP

Pace Project No.: 35900294

METHOD BLANK: 5699991

Matrix: Drinking Water

Associated Lab Samples: 35900294002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
13C9-PFNA (S)	%	85	50-200		08/28/24 15:45	

LABORATORY CONTROL SAMPLE: 5699992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11Cl-PF3OUdS	ng/L	37.8	42.7	113	70-130	
4:2 FTS	ng/L	37.5	44.8	119	70-130	
6:2 FTS	ng/L	38.1	42.7	112	70-130	
8:2 FTS	ng/L	38.4	46.2	120	70-130	
9Cl-PF3ONS	ng/L	37.4	41.4	111	70-130	
ADONA	ng/L	37.8	42.0	111	70-130	
HFPO-DA	ng/L	40	48.0	120	70-130	
NFDHA	ng/L	40	47.5	119	70-130	
PFBA	ng/L	40	47.5	119	70-130	
PFBS	ng/L	35.5	41.8	118	70-130	
PFDA	ng/L	40	47.1	118	70-130	
PFDoA	ng/L	40	47.1	118	70-130	
PFEESA	ng/L	35.7	41.6	117	70-130	
PFHpA	ng/L	40	48.0	120	70-130	
PFHpS	ng/L	38.2	43.6	114	70-130	
PFHxA	ng/L	40	48.3	121	70-130	
PFHxS	ng/L	36.5	42.6	117	70-130	
PFMBA	ng/L	40	48.8	122	70-130	
PFMPA	ng/L	40	47.3	118	70-130	
PFNA	ng/L	40	46.6	117	70-130	
PFOA	ng/L	40	47.8	120	70-130	
PFOS	ng/L	37.2	42.7	115	70-130	
PFPeA	ng/L	40	50.0	125	70-130	
PFPeS	ng/L	37.6	43.3	115	70-130	
PFUnA	ng/L	40	47.9	120	70-130	
13C2-PFDoA (S)	%			89	50-200	
13C24:2FTS (S)	%			106	50-200	
13C26:2FTS (S)	%			107	50-200	
13C28:2FTS (S)	%			101	50-200	
13C3-PFBS (S)	%			109	50-200	
13C3-PFHxS (S)	%			107	50-200	
13C3HFPO-DA(S)	%			85	50-200	
13C4-PFBA (S)	%			87	50-200	
13C4-PFHpA (S)	%			84	50-200	
13C5-PFHxA (S)	%			84	50-200	
13C5-PFPeA (S)	%			84	50-200	
13C6-PFDA (S)	%			82	50-200	
13C7-PFUdA (S)	%			84	50-200	
13C8-PFOA (S)	%			79	50-200	

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QUALITY CONTROL DATA

Project: Corry Station WTP

Pace Project No.: 35900294

LABORATORY CONTROL SAMPLE: 5699992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
13C8-PFOS (S)	%			105	50-200	
13C9-PFNA (S)	%			84	50-200	

LABORATORY CONTROL SAMPLE: 5699993

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11CI-PF3OUdS	ng/L	1.9	1.6J	82	50-150	
4:2 FTS	ng/L	1.9	1.7J	91	50-150	
6:2 FTS	ng/L	1.9	3.6U	94	50-150	
8:2 FTS	ng/L	1.9	1.7J	91	50-150	
9CI-PF3ONS	ng/L	1.9	1.6J	83	50-150	
ADONA	ng/L	1.9	1.7J	88	50-150	
HFPO-DA	ng/L	2	1.6J	79	50-150	
NFDHA	ng/L	2	1.7J	85	50-150	
PFBA	ng/L	2	1.8J	89	50-150	
PFBS	ng/L	1.8	1.5J	85	50-150	
PFDA	ng/L	2	1.8J	92	50-150	
PFDaA	ng/L	2	1.8J	89	50-150	
PFEESA	ng/L	1.8	1.7J	92	50-150	
PFHpA	ng/L	2	1.9J	94	50-150	
PFHpS	ng/L	1.9	1.7J	91	50-150	
PFHxA	ng/L	2	1.9J	93	50-150	
PFHxS	ng/L	1.8	1.7J	94	50-150	
PFMBA	ng/L	2	2.0J	98	50-150	
PFMPA	ng/L	2	1.8J	88	50-150	
PFNA	ng/L	2	1.7J	84	50-150	
PFOA	ng/L	2	1.9J	96	50-150	
PFOS	ng/L	1.9	1.8J	94	50-150	
PFPeA	ng/L	2	1.9J	95	50-150	
PFPeS	ng/L	1.9	2.3	120	50-150	
PFUnA	ng/L	2	1.8J	91	50-150	
13C2-PFDaA (S)	%			84	50-200	
13C24:2FTS (S)	%			149	50-200	
13C26:2FTS (S)	%			116	50-200	
13C28:2FTS (S)	%			109	50-200	
13C3-PFBS (S)	%			118	50-200	
13C3-PFHxS (S)	%			110	50-200	
13C3HFPO-DA(S)	%			94	50-200	
13C4-PFBA (S)	%			92	50-200	
13C4-PFHpA (S)	%			94	50-200	
13C5-PFHxA (S)	%			99	50-200	
13C5-PFPeA (S)	%			89	50-200	
13C6-PFDA (S)	%			83	50-200	
13C7-PFUdA (S)	%			81	50-200	
13C8-PFOA (S)	%			86	50-200	

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QUALITY CONTROL DATA

Project: Corry Station WTP
Pace Project No.: 35900294

LABORATORY CONTROL SAMPLE: 5699993

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
13C8-PFOS (S)	%			104	50-200	
13C9-PFNA (S)	%			86	50-200	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5699994 5699995

Parameter	Units	35899976009	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result										
11CI-PF3OUdS	ng/L	0.00045U ug/L	7.4	7.3	5.8	5.9	79	80	70-130	1	30	
4:2 FTS	ng/L	0.00058U ug/L	7.4	7.3	6.5	6.3	87	85	70-130	3	30	
6:2 FTS	ng/L	0.0036U ug/L	7.4	7.3	6.8	6.8	91	90	70-130	1	30	
8:2 FTS	ng/L	0.00049U ug/L	7.4	7.3	6.9	6.6	94	90	70-130	4	30	
9CI-PF3ONS	ng/L	0.00051U ug/L	7.4	7.3	6.4	6.3	87	85	70-130	3	30	
ADONA	ng/L	0.00044U ug/L	7.4	7.3	6.4	6.6	86	90	70-130	3	30	
HFPO-DA	ng/L	0.00074U ug/L	7.8	7.7	6.8	6.6	87	86	70-130	3	30	
NFDHA	ng/L	0.0016U ug/L	7.8	7.7	6.7	7.0	85	89	70-130	4	30	
PFBA	ng/L	0.011 ug/L	7.8	7.7	18.0	18.1	95	97	70-130	1	30	
PFBS	ng/L	0.0053 ug/L	7	7	11.6	11.6	90	90	70-130	1	30	
PFDA	ng/L	0.00032U ug/L	7.8	7.7	7.0	7.0	89	90	70-130	0	30	
PFDoA	ng/L	0.00055U ug/L	7.8	7.7	6.9	6.9	88	89	70-130	0	30	
PFEESA	ng/L	0.00036U ug/L	7	7	6.4	6.4	92	92	70-130	1	30	
PFHpA	ng/L	0.00079J ug/L	7.8	7.7	8.0	8.0	93	94	70-130	1	30	
PFHpS	ng/L	0.00041U ug/L	7.4	7.3	6.8	6.7	92	92	70-130	1	30	
PFHxA	ng/L	0.011 ug/L	7.8	7.7	18.6	18.5	97	96	70-130	1	30	
PFHxS	ng/L	0.00093U ug/L	7	7	6.3	6.3	88	88	70-130	0	30	
PFMBA	ng/L	0.00027U ug/L	7.8	7.7	7.7	7.8	100	101	70-130	1	30	
PFMPA	ng/L	0.00034U ug/L	7.8	7.7	6.8	7.0	88	90	70-130	2	30	
PFNA	ng/L	0.00034U ug/L	7.8	7.7	6.7	6.8	84	86	70-130	2	30	
PFOA	ng/L	0.0019J ug/L	7.8	7.7	8.9	9.0	90	92	70-130	1	30	
PFOS	ng/L	0.00093J ug/L	7.4	7.3	7.6	7.8	90	94	70-130	3	30	
PFPeA	ng/L	0.042 ug/L	7.8	7.7	50.0	49.8	97	95	70-130	0	30	

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QUALITY CONTROL DATA

Project: Corry Station WTP

Pace Project No.: 35900294

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5699994 5699995											
Parameter	Units	35899976009 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
PFPeS	ng/L	0.00077U ug/L	7.4	7.3	8.3	8.1	111	109	70-130	3	30
PFUa	ng/L	0.00043U ug/L	7.8	7.7	6.9	7.0	89	91	70-130	2	30
13C2-PFDoA (S)	%						72	68	50-200		
13C24:2FTS (S)	%						154	153	50-200		
13C26:2FTS (S)	%						117	120	50-200		
13C28:2FTS (S)	%						108	110	50-200		
13C3-PFBS (S)	%						120	120	50-200		
13C3-PFHxS (S)	%						113	114	50-200		
13C3HFPO-DA(S)	%						98	103	50-200		
13C4-PFBA (S)	%						96	100	50-200		
13C4-PFHpA (S)	%						98	100	50-200		
13C5-PFHxA (S)	%						103	105	50-200		
13C5-PFPeA (S)	%						93	97	50-200		
13C6-PFDA (S)	%						71	69	50-200		
13C7-PFUdA (S)	%						68	63	50-200		
13C8-PFOA (S)	%						86	89	50-200		
13C8-PFOS (S)	%						103	102	50-200		
13C9-PFNA (S)	%						82	83	50-200		

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QUALITY CONTROL DATA

Project: Corry Station WTP
Pace Project No.: 35900294

QC Batch: 1035754 Analysis Method: EPA 537.1
QC Batch Method: EPA 537.1 Analysis Description: 537.1 PFOA Compounds, Water
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35900294001, 35900294002

METHOD BLANK: 5692614 Matrix: Water

Associated Lab Samples: 35900294001, 35900294002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
11CI-PF3OUdS	ng/L	1.6U	2.0	1.6	08/27/24 14:26	
9CI-PF3ONS	ng/L	1.2U	2.0	1.2	08/27/24 14:26	
ADONA	ng/L	0.74U	2.0	0.74	08/27/24 14:26	
HFPO-DA	ng/L	1.7U	2.0	1.7	08/27/24 14:26	
NEtFOSAA	ng/L	0.95U	2.0	0.95	08/27/24 14:26	
NMeFOSAA	ng/L	1.6U	2.0	1.6	08/27/24 14:26	
PFBS	ng/L	0.68U	2.0	0.68	08/27/24 14:26	
PFDA	ng/L	0.99U	2.0	0.99	08/27/24 14:26	
PFDaA	ng/L	1.5U	2.0	1.5	08/27/24 14:26	
PFHpA	ng/L	1.0U	2.0	1.0	08/27/24 14:26	
PFHxA	ng/L	1.3U	2.0	1.3	08/27/24 14:26	
PFHxS	ng/L	0.75U	2.0	0.75	08/27/24 14:26	
PFNA	ng/L	2.0U	2.0	2.0	08/27/24 14:26	
PFOA	ng/L	0.89U	2.0	0.89	08/27/24 14:26	
PFOS	ng/L	1.2U	2.0	1.2	08/27/24 14:26	
PFTeDA	ng/L	1.9U	2.0	1.9	08/27/24 14:26	
PFTrDA	ng/L	1.8U	2.0	1.8	08/27/24 14:26	
PFUnA	ng/L	2.0U	2.0	2.0	08/27/24 14:26	
13C2-PFDA (S)	%	106	70-130		08/27/24 14:26	
13C2-PFHxA (S)	%	108	70-130		08/27/24 14:26	
HFPO-DAS (S)	%	100	70-130		08/27/24 14:26	
NEtFOSAA-d5 (S)	%	104	70-130		08/27/24 14:26	

LABORATORY CONTROL SAMPLE: 5692615

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11CI-PF3OUdS	ng/L	151	159	105	70-130	
9CI-PF3ONS	ng/L	150	161	108	70-130	
ADONA	ng/L	151	165	109	70-130	
HFPO-DA	ng/L	160	177	111	70-130	
NEtFOSAA	ng/L	160	170	107	70-130	
NMeFOSAA	ng/L	160	171	107	70-130	
PFBS	ng/L	142	151	107	70-130	
PFDA	ng/L	160	173	108	70-130	
PFDaA	ng/L	160	164	102	70-130	
PFHpA	ng/L	160	174	109	70-130	
PFHxA	ng/L	160	172	108	70-130	
PFHxS	ng/L	146	163	111	70-130	
PFNA	ng/L	160	174	109	70-130	

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QUALITY CONTROL DATA

Project: Corry Station WTP

Pace Project No.: 35900294

LABORATORY CONTROL SAMPLE: 5692615

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PFOA	ng/L	160	171	107	70-130	
PFOS	ng/L	148	164	111	70-130	
PFTeDA	ng/L	160	164	102	70-130	
PFTTrDA	ng/L	160	172	108	70-130	
PFUnA	ng/L	160	169	106	70-130	
13C2-PFDA (S)	%			107	70-130	
13C2-PFHxA (S)	%			108	70-130	
HFPO-DAS (S)	%			106	70-130	
NEtFOSAA-d5 (S)	%			112	70-130	

LABORATORY CONTROL SAMPLE: 5692616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11Cl-PF3OUdS	ng/L	1.9	1.9J	98	50-150	
9Cl-PF3ONS	ng/L	1.9	2.0	107	50-150	
ADONA	ng/L	1.9	2.1	112	50-150	
HFPO-DA	ng/L	2	2.1	104	50-150	
NEtFOSAA	ng/L	2	2.0	102	50-150	
NMeFOSAA	ng/L	2	2.2	109	50-150	
PFBS	ng/L	1.8	2.2	123	50-150	
PFDA	ng/L	2	2.1	107	50-150	
PFDaA	ng/L	2	2.3	113	50-150	
PFHpA	ng/L	2	2.2	108	50-150	
PFHxA	ng/L	2	2.2	109	50-150	
PFHxS	ng/L	1.8	2.0	111	50-150	
PFNA	ng/L	2	2.2	109	50-150	
PFOA	ng/L	2	2.0	101	50-150	
PFOS	ng/L	1.9	2.1	115	50-150	
PFTeDA	ng/L	2	2.1	103	50-150	
PFTTrDA	ng/L	2	2.2	109	50-150	
PFUnA	ng/L	2	2.2	110	50-150	
13C2-PFDA (S)	%			107	70-130	
13C2-PFHxA (S)	%			106	70-130	
HFPO-DAS (S)	%			102	70-130	
NEtFOSAA-d5 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5692617 5692618

Parameter	Units	MS 35900294001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
11Cl-PF3OUdS	ng/L	1.5U	141	140	141	125	100	89	70-130	12	30		
9Cl-PF3ONS	ng/L	1.1U	140	138	149	138	107	100	70-130	8	30		
ADONA	ng/L	0.69U	141	140	151	149	107	106	70-130	2	30		
HFPO-DA	ng/L	1.6U	149	148	164	155	110	105	70-130	6	30		

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QUALITY CONTROL DATA

Project: Corry Station WTP

Pace Project No.: 35900294

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5692617 5692618											
Parameter	Units	35900294001		MS	MSD	5692618		% Rec	% Rec	% Rec	Max
		Result	Conc.	Spike	Spike	MS	MSD				
NEtFOSAA	ng/L	0.89U	149	148	158	132	106	89	70-130	18	30
NMeFOSAA	ng/L	1.5U	149	148	155	145	104	98	70-130	7	30
PFBS	ng/L	2.8	132	131	147	143	110	107	70-130	3	30
PFDA	ng/L	0.93U	149	148	162	148	109	100	70-130	9	30
PFDoA	ng/L	1.4U	149	148	152	140	102	95	70-130	8	30
PFHpA	ng/L	2.1	149	148	162	161	107	108	70-130	1	30
PFHxA	ng/L	4.3	149	148	165	160	108	106	70-130	3	30
PFHxS	ng/L	6.2	136	135	159	150	112	107	70-130	6	30
PFNA	ng/L	1.9U	149	148	163	155	109	105	70-130	5	30
PFOA	ng/L	6.3	149	148	165	161	106	105	70-130	2	30
PFOS	ng/L	4.7	138	137	156	149	110	105	70-130	5	30
PFTeDA	ng/L	1.8U	149	148	148	141	99	95	70-130	5	30
PFTrDA	ng/L	1.7U	149	148	151	139	101	94	70-130	9	30
PFUnA	ng/L	1.9U	149	148	159	141	107	95	70-130	12	30
13C2-PFDA (S)	%						105	102	70-130		
13C2-PFHxA (S)	%						107	105	70-130		
HFPO-DAS (S)	%						103	107	70-130		
NEtFOSAA-d5 (S)	%						108	99	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Corry Station WTP

Pace Project No.: 35900294

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Corry Station WTP
Pace Project No.: 35900294

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35900294001	1-Corry Storm WTP 2 -5-537.1	EPA 533	1036850	EPA 533	1037189
35900294002	Field Blank	EPA 533	1037143	EPA 533	1037376
35900294001	1-Corry Storm WTP 2 -5-537.1	EPA 537.1	1035754	EPA 537.1	1036519
35900294002	Field Blank	EPA 537.1	1035754	EPA 537.1	1036519

REPORT OF LABORATORY ANALYSIS

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Pace Container Order #3141262

bo.garcia@pacelabs.com

Addresses		
Order By : Company AH Environmental Consultants, Contact Anthony Gruber Email agruber@ahenv.com Address _____ Address 2 _____ City _____ State _____ Zip _____ Phone _____	Ship To : Company AH Environmental Consultants, Inc. Contact Faysal Bekdash Email fbekdash@ahenv.com Address 6508 76th Place Address 2 _____ City CABIN JOHN State MD Zip 20818 Phone 9044230949	Return To: Company Ormond Beach, FL (Pace Analytical) Contact Bo Garcia Email bo.garcia@pacelabs.com Address 8 East Tower Circle Address 2 _____ City Ormond Beach State FL Zip 32174 Phone (386)672-5668

Info				
Project Name Corry Station WTP	Due Date 07/31/2024	Profile 7971	Quote _____	
Project Manager Garcia, Bo	Return Date _____	Carrier FedEx Ground	Location FL	

Return Shipping Labels

Return Label Type

No Shipper

With Shipper

Bottle Labels

Blank

Pre-Printed No Sample IDs

Pre-Printed With Sample IDs

Bottles

Boxed Cases

Individually Wrapped

Grouped By Sample ID/Matrix

Trip Blanks

Include Trip Blanks

Misc

Sampling Instructions

Custody Seal

Temp. Blanks

Coolers

Syringes

Extra Bubble Wrap

Short Hold/Rush Stickers

DI Water

USDA Regulated Soils

Dry Weight

COC Options

Number of Blanks

Pre-Printed

# of Samp Matrix	Analysis	Qty / Samp	Container	Total	# of QC	Lot #	Notes
1	DW 537.1 FIELD BLANK	4	2-250 mL plastic with Trizma + 2-250 mL with DI	4		M417603BB	
1	DW 533 FIELD BLANK	4	2-250 mL plastic with ammonium acetate + 2-250 mL with DI	4		M412106BB	
1	DW 533 PFAS (extra containers)	5	250 mL plastic with ammonium acetate	5		M412106BB	
1	DW 537.1 PFAS (extra containers)	5	250mL plastic Trizma	5		M417603BB	

Hazard Shipping Placard In Place : N/A

*Sample receiving hours are typically 8am-5pm, but may differ by location. Please check with your Pace Project Manager.

*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.

*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.

*Payment term are net 30 days.

*Please include the proposal number on the chain of custody to ensure proper billing.

LAB USE:

Ship Date :

Prepared By:

Verified By:

CLIENT USE (Optional):

Date Rec'd:

Received By:

Sample Notes :

Sample Condition Upon Receipt Form (SCUR)

Pace

Project #
Project Manager:
Client:



Date and Initials of person:
Examining contents: AES

Thermometer Used: T-427

Date: 8/21/24

Time: 1022

Verifying pH: _____

Initials: BCP

State of Origin: _____
 For WV projects, all containers verified to $\pm 0.5^{\circ}\text{C}$
Cooler #1 Temp. $^{\circ}\text{C}$ 1.2 (Visual) 20 (Correction Factor) 1.2 (Actual)
Cooler #2 Temp. $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #3 Temp. $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #4 Temp. $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #5 Temp. $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #6 Temp. $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)
Recheck for OOT $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun.
 Samples on ice, cooling process has begun.
 Samples on ice, cooling process has begun.
 Samples on ice, cooling process has begun.
 Samples on ice, cooling process has begun.
 Samples on ice, cooling process has begun.

Courier: Fed Ex UPS USPS Client Commercial Pace Other
Shipping Method: Standard Overnight First Overnight Priority Overnight Ground International Priority Other
Billing: Recipient Sender Third Party Credit Card Unknown

Next Day Air

Tracking # 1Z2EY66F0193606430

Custody Seal Present: Yes No Seal properly placed and intact: Yes No

Packing Material: Bubble Wrap Bubble Bags None Other
Ice: Wet Blue Dry None Melted

Samples shorted to lab: Yes No (If yes, complete the following)
Shorted Date: _____

Bottle Quantity / Type: _____ Shorted Time: _____

Chain of Custody: Present: Yes No | Filled Out: Yes No N/A | Sampler Name: Yes No N/A
Relinquished To Pace: Yes No N/A | Sampling Date(s): Yes No N/A | Sampling Time(s): Yes No N/A

Samples Arrived within Hold Time: Yes No N/A
Rush Turnaround Requested on COC: Yes No N/A
Sufficient Volume: Yes No N/A
Correct Containers Used: Yes No N/A
Containers Intact: Yes No N/A
Sample Labels Match COC (Sample ID, Date/Time of Collection): Yes No N/A

All containers needing acid / base preservation have been checked: Yes No N/A
All containers needing preservation are found to be in compliance with EPA recommendation: Yes No N/A
Exceptions: Vials, Microbiology, O&G, PFAS
Headspace in Volatile Vials? (>6mm): _____
Trip Blank Present: Yes No N/A
Comments / Resolutions (use back for additional comments):
DPST for 002 missing times
001 containers missing "-5-537.1/533"

Preservation Information
Preservative: _____ Date: _____
Lot / Trace: _____ Time: _____
Amount added (mL): _____ Initials: _____

Labeled by: AES

Reviewed by: AES

Delivered by: AES

PFC Sample Collection Form

Facility:	Corry Station Florida		
Sample Collection Date/Time:	8/20/2024 at 09:00am		
Sampled By:	Faysal Bekdash		
Sample Location Description - (Well House, WTP, etc.):	WTP		
Water Supply Source (Check one)	<input checked="" type="radio"/> Well	<input type="radio"/> Surface Water	<input type="radio"/> Consecutive System
Sample Port Type (tap, hose bib, etc.)	WTP Sink Sampling Tap		
Weather Conditions:	Sunny and 82° F		
Samples Collected:	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Field Blank Collected:	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Extra Samples Collected:	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Shipping Container type:	<input checked="" type="radio"/> Cooler	<input type="radio"/> Box	
Ice Added?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Shipper Used?	Yes/USP overnight		
Notes & Photos:			
<p>The sampling procedure for screen removal and flushing was not applicable the sampling faucet is a continuously running water tap..</p>			
			