333 West Washington Street
Suite 300
Syracuse, New York 13202
Telephone: 315-431-4610
www.eaest.com

MEMORANDUM

TO: David Chiusano, NYSDEC

FROM: Megan Miller, EA Project Engineer

DATE: 9 January 2026

SUBJECT: Operation and Maintenance Report (October through December 2025)
Kroll Well House Production Well (PW-1)
Contract/Work Assignment No.: D009806-02
Site/Spill No/Pin: Stewart ANG Base, Town of New Windsor, New York
(Site No. 336089)

PERFORMANCE PERIOD: 1 October 2025 through 31 December 2025

1. INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering and Geology, P.C. (EA) to perform site management activities at the Stewart Air National Guard (ANG) Base Site – Kroll Well House Production Well location (NYSDEC Site Number [No.] 336089), which includes operation and maintenance (O&M) of a granular activated carbon (GAC) groundwater treatment system and collection of system samples for laboratory analysis.

The site is located at 351 Mount Airy Road in the town of New Windsor, Orange County, New York, approximately 1.3 miles south of the Stewart ANG Base (**Figure 1**).

The Work Assignment is currently being conducted under NYSDEC State Superfund Contract No. D009806-02. The elements of site O&M were completed in accordance with the applicable guidelines and requirements of the NYSDEC. This report documents O&M activities performed from 1 October 2025 through 31 December 2025.

1.1 OBJECTIVES

Initial start-up of the GAC treatment system was performed on 16 August 2019 by EA/Precision Environmental Services (PES), along with Town of New Windsor Water Department and NYSDEC personnel. Routine O&M of the GAC system is being performed to ensure the system is operating properly and to verify that the town's treated water supply is in conformance with New York State maximum contaminant levels. System sampling was being performed monthly through May 2020, at which point the frequency was reduced to quarterly as directed by NYSDEC (and approved by the New York State Department of Health). PES performed system O&M until 31 December 2023. Starting 1 January 2024, Environmental Assessments and Remediation (EAR) is performing O&M in place of PES. EAR performed system O&M during this reporting period.

1.2 REPORT ORGANIZATION

A summary of treatment system O&M during the 1 October 2025 – 31 December 2025 period is described in Section 2. Conclusions and recommendations are discussed in Section 3.

The following are provided as Attachments:

- **Attachment A—** Field Notes
- **Attachment B**— Laboratory Analytical Data

2. TREATMENT SYSTEM OPERATION AND MAINTENANCE ACTIVITIES

A routine (i.e., quarterly) site visit was performed on 16 October 2025, and system water samples were collected by EAR personnel and submitted for laboratory analysis. Due to anomalous analytical results (discussed further in Section 2.2), EAR returned to the site on 15 December 2025 to collect an additional round of system water samples. An inspection form was completed at the time of each site visit (**Attachment A**). Operational conditions at the site were recorded on the inspection forms.

A summary of the site visits conducted during the period is provided in this section.

2.1 SYSTEM OPERATION AND MAINTENANCE

During the fourth quarter routine site visit performed on 16 October 2025, the system was running on arrival and no tank leaks were observed. System samples (per- and polyfluoroalkyl substances [PFAS]) were collected on 16 October 2025 and delivered to the laboratory. During the fourth quarter visit, flow and pressure measurements were lower than the typical operating range. The flow rate measured and displayed inside the adjacent Kroll Well House Building was 144 gallons per minute (gpm) (typical range is between 200 and 250 gpm, rated for 300 gpm), and pressure at the discharge line measured at 80 pounds per square inch (psi) (typical range is between 82 and 110 psi), depending on usage within the town distribution system; the pump speed measured at 31.8 percent. Operating pressures inside the GAC treatment system building (at the valve manifold and filter housings) was between 79 and 80 psi during the visit (typical range is between 80 and 110 psi, rated for 125 psi).

During the additional site visit performed on 15 December 2025, the system was also running on arrival and no tank leaks were observed. System samples were collected on 15 December 2025 and delivered to the laboratory for PFAS analysis. As in the October 2025 site visit, flow and pressure measurements were lower than the typical operating range. The flow rate measured and displayed inside the adjacent Kroll Well House Building was 154 gpm (typical range is between 200 and 250 gpm, rated for 300 gpm) and pressure at the discharge line measured at 75 psi (typical range is between 82 and 110 psi), depending on usage within the town distribution system; the pump speed measured at 33.9 percent. Operating pressures inside the GAC treatment system building (at the valve manifold and filter housings) was between 71 and 78 psi during the visit (typical range is between 80 and 110 psi, rated for 125 psi).

Treatment system monitoring logs are included in **Attachment A.**

2.2 SYSTEM MONITORING ACTIVITIES

On 16 October and 15 December 2025, EAR collected aqueous samples for PFAS. The GAC treatment system has two GAC vessels, labeled "Tank A" and "Tank B." The sampling locations within the system are as follows:

- Lead vessel influent (which has a "Influent" identifier in the Client Sample identification [ID])
- Midpoint between the lead and lag vessels (which has a "Mid" identifier in the Client Sample ID)
- Lag vessel effluent (which has a "Effluent" identifier in the Client Sample ID)

Additional sampling ports along the exterior of each GAC vessel ("Tank A" and "Tank B") Include the following:

- Upper sampling location – 25 percent port
- Mid-upper sampling location – 50 percent port
- Lower sampling location – 75 percent port

System sampling locations are depicted on **Figure 2**. A total of nine samples were collected by EAR during each event and analyzed by Con-Test, a Pace Analytical Laboratory for PFAS. Pace Analytical Laboratory is an Environmental Laboratory Approval Program-certified laboratory. Analytical results for the sampling events are provided in **Attachment B** and summarized in **Tables 1A, 1B, and 2**.

While no perfluorooctanoic acid (PFOA) or perfluorooctanesulfonic acid (PFOS) was detected in the GAC-treated water during the reporting period (including both the October and December 2025 sampling events), the influent sample collected in October 2025 also did not contain detected concentrations of PFOA or PFOS. These analytes typically are detected in the untreated influent at concentrations near their individual New York State Department of Health drinking water maximum contaminant level (NYSDOH MCL) of 10 ppt. Due to this anomaly, the Town of New Windsor and NYSDEC requested that EAR return to the site in December 2025 to collect an additional round of system samples. The samples collected on 15 December 2025 contained PFAS at typical concentrations. The December 2025 influent sample contained PFOS at the NYSDOH MCL of 10 ppt.

A summary of PFOA and PFOS results associated with each sampling event (beginning with the January 2020 event) is provided in **Table 2**.

3. MEDIA REPLACEMENT SUMMARY

GAC media replacement activities are summarized as follows:

- Media was replaced in both contactors in November 2020.
- Media was replaced in both contactors in November 2022 in conjunction with repairs to the port on Tank A; media regenerated for future use.
- Media was replaced with 80% regenerated material and 20% virgin GAC in Tank B in October 2024; system remained off for production well maintenance activities conducted by Town of New Windsor.
- Media was replaced with 80% regenerated material and 20% virgin GAC in Tank A in November 2024; system was returned to operation on both tanks.

4. CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the site visit performed during the reporting period, the GAC system is operating as designed. In addition, the results of system sampling (**Tables 1 and 2**) indicate that the town's treated water supply is in conformance with maximum contaminant concentrations for PFOA and PFOS as established by New York State for drinking water. It is recommended that treatment system O&M activities continue at the current frequency (i.e., quarterly) to ensure the system continues to be operated at maximum efficiency. EA is not aware of any other O&M issues with the GAC system that occurred since the system was returned to operation following GAC changeout in November 2024. Based on analytical data for both contactors, EA will work with EAR and NYSDEC to schedule GAC replacement in 2026.

Tables

Table 1A. Summary of 25 Per- and Polyfluoroalkyl Substances Analysis in Treatment System Samples (October 2025)

Table 1B. Summary of 25 Per- and Polyfluoroalkyl Substances Analysis in Treatment System Samples (December 2025)

Table 2. Kroll Well GAC Operation and Maintenance PFOA and PFOS Sampling Results

Figures

Figure 1. Site Location Map

Figure 2. Kroll Well GAC Treatment System Sampling Locations

Attachments

Attachment A. Field Notes

Attachment B. Laboratory Analytical Data

Tables

This page intentionally left blank

Table 1A. Summary of 25 Per- and Polyfluoroalkyl Substances Analysis in Treatment System Samples (October 2025)

Parameters List	Sample ID	Influent	Mid Point	Effluent	Effluent (DUP)	Tank A - 25	Tank A - 50	Tank A - 75	Tank B - 25	Tank B - 50	Tank B - 75	
EPA Method 533 Modified	Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	NYSDOH
Standard List (25 Analytes) (Expanded List)	Date	10/16/2025	10/16/2025	10/16/2025	10/16/2025	10/16/2025	10/16/2025	10/16/2025	10/16/2025	10/16/2025	10/16/2025	MCL (ppt)
4:2 Fluorotelomersulfonic acid (4:2FTSA)	(ng/L)	<0.33	<0.33	<0.33	<0.33	<0.32	<0.33	<0.33	<0.35	<0.34	<0.33	---
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	(ng/L)	<0.44	<0.45	<0.44	<0.45	<0.44	<0.44	<0.44	<0.47	<0.46	<0.45	---
6:2 Fluorotelomersulfonic acid (6:2FTSA)	(ng/L)	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.8	<1.7	---
8:2 Fluorotelomersulfonic acid (8:2FTSA)	(ng/L)	<0.35	<0.36	<0.35	<0.36	<0.35	<0.35	<0.35	<0.37	<0.37	<0.36	---
9Cl-PF3ONS (F53B Minor)	(ng/L)	<0.47	<0.48	<0.47	<0.48	<0.46	<0.47	<0.47	<0.50	<0.49	<0.48	---
11Cl-PF3OUdS (F53B Major)	(ng/L)	<0.68	<0.69	<0.68	<0.69	<0.67	<0.68	<0.67	<0.72	<0.71	<0.69	---
Hexafluoropropylene oxide dimer acid (HFPO-DA)	(ng/L)	<0.87	<0.88	<0.87	<0.88	<0.85	<0.86	<0.86	<0.92	<0.91	<0.88	---
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	(ng/L)	<0.55	<0.55	<0.55	<0.56	<0.54	<0.54	<0.54	<0.58	<0.57	<0.55	---
Perfluoro-4-oxapentanoic acid (PFMPA)	(ng/L)	<0.50	<0.50	<0.50	<0.50	<0.49	<0.49	<0.49	<0.52	<0.52	<0.50	---
Perfluoro-5-oxahexanoic acid (PFMBA)	(ng/L)	<0.51	<0.51	<0.51	<0.51	<0.50	<0.50	<0.50	<0.53	<0.53	<0.51	---
Perfluorobutanesulfonic acid (PFBS)	(ng/L)	<0.46	<0.46	<0.46	<0.47	4.6	2.7	<0.46	<0.49	<0.48	<0.46	---
Perfluorobutanoic Acid (PFBA)	(ng/L)	7.5	3.6	0.72	8.6	3.7	4.2	6	2.8	0.63	<0.48	---
Perfluorodecanoic acid (PFDA)	(ng/L)	<0.59	<0.59	<0.59	<0.59	<0.58	<0.58	<0.58	<0.62	<0.61	<0.59	---
Perfluorododecanoic acid (PFDoA)	(ng/L)	<0.70	<0.71	<0.71	<0.72	<0.69	<0.70	<0.70	<0.75	<0.74	<0.71	---
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	(ng/L)	<0.54	<0.55	<0.54	<0.55	<0.53	<0.54	<0.54	<0.57	<0.56	<0.54	---
Perfluoroheptane Sulfonate (PFHpS)	(ng/L)	<0.59	<0.59	<0.59	<0.59	<0.58	<0.58	<0.58	<0.62	<0.61	<0.59	---
Perfluoroheptanoic acid (PFHpA)	(ng/L)	<0.56	0.79	<0.56	<0.56	1.8	0.86	<0.55	<0.59	<0.58	<0.56	---
Perfluorohexanesulfonic acid (PFHxS)	(ng/L)	<0.42	<0.42	<0.42	<0.43	0.83	<0.42	<0.42	<0.44	<0.44	<0.42	---
Perfluorohexanoic acid (PFHxA)	(ng/L)	<0.46	3.1	<0.47	<0.47	3	3.2	0.74	<0.49	0.49	<0.47	---
Perfluorononanoic acid (PFNA)	(ng/L)	<0.67	<0.68	<0.67	<0.68	<0.66	<0.66	<0.66	<0.71	<0.70	<0.68	---
Perfluorooctanesulfonic acid (PFOS)	(ng/L)	<0.47	<0.48	<0.47	<0.48	2.5	<0.47	<0.47	<0.50	<0.49	<0.48	10
Perfluorooctanoic acid (PFOA)	(ng/L)	<0.69	6.2	<0.69	<0.70	5.2	0.77	<0.68	<0.73	<0.72	<0.70	10
Perfluoropetanesulfonic acid (PFPeS)	(ng/L)	<0.49	<0.49	<0.49	<0.50	<0.48	<0.49	<0.48	<0.52	<0.51	<0.49	---
Perfluoropentanoic Acid (PFPeA)	(ng/L)	0.72	0.85	<0.40	0.7	3.1	4	4.5	<0.43	<0.42	<0.41	---
Perfluoroundecanoic Acid (PFUnA)	(ng/L)	<0.65	<0.66	<0.65	<0.66	<0.64	<0.65	<0.65	<0.69	<0.68	<0.66	---

Notes:
DUP = field duplicate sample
EPA = U.S. Environmental Protection Agency
ID = identification
MCL = maximum contaminant level
NA = not analyzed
ng/L = nanogram(s) per liter (parts per trillion)
NYSDOH = New York State Department of Health
U = analyte not detected at the listed laboratory reporting limit
Bold values indicate that the analyte was detected at a concentration greater than the NYSDOH MCL.

Table 1B. Summary of 25 Per- and Polyfluoroalkyl Substances Analysis in Treatment System Samples (December 2025)

Parameters List	Sample ID	Influent	Mid Point	Effluent	Effluent (DUP)	Tank A - 25	Tank A - 50	Tank A - 75	Tank B - 25	Tank B - 50	Tank B - 75	
EPA Method 533 Modified	Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	NYSDOH
Standard List (25 Analytes) (Expanded List)	Date	12/15/2025	12/15/2025	12/15/2025	12/15/2025	12/15/2025	12/15/2025	12/15/2025	12/15/2025	12/15/2025	12/15/2025	MCL (ppt)
4:2 Fluorotelomersulfonic acid (4:2FTSA)	(ng/L)	<0.34	<0.35	<0.33	<0.34	<0.35	<0.36	<0.35	<0.33	<0.35	<0.33	---
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	(ng/L)	<0.46	<0.46	<0.44	<0.45	<0.47	<0.48	<0.46	<0.45	<0.47	<0.45	---
6:2 Fluorotelomersulfonic acid (6:2FTSA)	(ng/L)	<1.7	<1.8	<1.7	<1.7	<1.8	<1.8	<1.8	2.6	<1.8	<1.7	---
8:2 Fluorotelomersulfonic acid (8:2FTSA)	(ng/L)	<0.37	<0.37	<0.35	<0.36	<0.38	<0.38	<0.37	<0.36	<0.37	<0.36	---
9Cl-PF3ONS (F53B Minor)	(ng/L)	<0.49	<0.49	<0.47	<0.48	<0.50	<0.51	<0.50	<0.48	<0.50	<0.48	---
11Cl-PF3OUdS (F53B Major)	(ng/L)	<0.70	<0.71	<0.68	<0.70	<0.72	<0.73	<0.71	<0.69	<0.72	<0.69	---
Hexafluoropropylene oxide dimer acid (HFPO-DA)	(ng/L)	<0.90	<0.91	<0.87	<0.89	<0.92	<0.94	<0.91	<0.88	<0.92	<0.88	---
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	(ng/L)	<0.57	<0.57	<0.55	<0.56	<0.58	<0.59	<0.58	<0.56	<0.58	<0.56	---
Perfluoro-4-oxapentanoic acid (PFMPA)	(ng/L)	<0.51	<0.52	<0.50	<0.51	<0.53	<0.53	<0.52	<0.50	<0.53	<0.50	---
Perfluoro-5-oxahexanoic acid (PFMBA)	(ng/L)	<0.52	<0.53	<0.51	<0.52	<0.54	<0.55	<0.53	<0.51	<0.54	<0.51	---
Perfluorobutanesulfonic acid (PFBS)	(ng/L)	6.8	<0.48	<0.46	<0.47	6.2	4.2	0.68	<0.47	<0.49	<0.47	---
Perfluorobutanoic Acid (PFBA)	(ng/L)	4.2	8.3	<0.47	<0.49	4.1	4.6	5.6	6.4	0.68	0.48	---
Perfluorodecanoic acid (PFDA)	(ng/L)	<0.61	<0.61	<0.59	<0.60	<0.62	<0.63	<0.62	<0.59	<0.62	<0.60	---
Perfluorododecanoic acid (PFDoA)	(ng/L)	<0.73	<0.74	<0.71	<0.73	<0.75	<0.76	<0.74	<0.71	<0.75	<0.72	---
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	(ng/L)	<0.56	<0.57	<0.54	<0.56	<0.57	<0.58	<0.57	<0.55	<0.57	<0.55	---
Perfluoroheptane Sulfonate (PFHpS)	(ng/L)	<0.61	<0.61	<0.59	<0.60	<0.62	<0.63	<0.62	<0.59	<0.62	<0.59	---
Perfluoroheptanoic acid (PFHpA)	(ng/L)	2.1	<0.58	<0.56	<0.57	2	1.2	<0.58	<0.56	<0.59	<0.56	---
Perfluorohexanesulfonic acid (PFHxS)	(ng/L)	2	<0.44	<0.42	<0.43	1	<0.45	<0.44	<0.43	<0.44	<0.43	---
Perfluorohexanoic acid (PFHxA)	(ng/L)	3.2	<0.49	<0.47	<0.48	3.9	3.8	2	<0.47	<0.49	<0.47	---
Perfluorononanoic acid (PFNA)	(ng/L)	0.8	<0.70	<0.67	<0.69	<0.71	<0.72	<0.70	<0.68	<0.71	<0.68	---
Perfluorooctanesulfonic acid (PFOS)	(ng/L)	**10**	<0.50	<0.47	<0.49	2.9	<0.51	<0.50	<0.48	<0.50	<0.48	10
Perfluorooctanoic acid (PFOA)	(ng/L)	7.9	<0.72	<0.69	<0.71	6.3	1.5	<0.72	<0.70	<0.73	<0.70	10
Perfluoropetanesulfonic acid (PFPeS)	(ng/L)	<0.51	<0.51	<0.49	<0.50	<0.52	<0.53	<0.51	<0.49	<0.52	<0.50	---
Perfluoropentanoic Acid (PFPeA)	(ng/L)	3.6	2.1	<0.40	<0.41	3.6	4.5	5.5	<0.41	<0.43	<0.41	---
Perfluoroundecanoic Acid (PFUnA)	(ng/L)	<0.68	<0.68	<0.65	<0.67	<0.69	<0.70	<0.69	<0.66	<0.69	<0.66	---

Notes:
DUP = Field duplicate sample
EPA = U.S. Environmental Protection Agency
ID = Identification
MCL = Maximum contaminant level
NA = Not Analyzed
ng/L = Nanogram(s) per liter (parts per trillion)
NYSDOH = New York State Department of Health
U = Analyte not detected at the listed laboratory reporting limit.
Bold values indicate that the analyte was detected at a concentration meeting or greater than the NYSDOH value.

Table 2. Kroll Well GAC Operation and Maintenance PFOA and PFOS Sampling Results

Date	Analyte	Result Raw Water (ppt)	Result Mid Point (ppt)	Result Effluent (ppt)	Result Tank A - 25 (ppt)	Result Tank A - 50 (ppt)	Result Tank A - 75 (ppt)	Result Tank B - 25 (ppt)	Result Tank B - 50 (ppt)	Result Tank B - 75 (ppt)	Comparison Values
January 2020	PFOA	**11**	ND	ND	**10**	2.2	ND	ND	ND	ND	NYSDOH Maximum Contaminant Level = 10 ppt
	PFOS	**10**	ND	ND	8.7	ND	ND	ND	ND	ND	
February 2020	PFOA	**11**	ND	ND	9.9	3.3	ND	ND	ND	ND	
	PFOS	9.7	ND	ND	8.4	ND	ND	ND	ND	ND	
March 2020	PFOA	9.3	ND	ND	9.2	4.2	ND	ND	ND	ND	
	PFOS	9.6	ND	ND	**11**	ND	ND	ND	ND	ND	
April 2020	PFOA	8.7	ND	ND	8.4	4.3	ND	ND	ND	ND	
	PFOS	8.9	ND	ND	7.7	1.9	ND	ND	ND	ND	
May 2020	PFOA	9.6 J	ND	ND	7.9	4.8	ND	ND	ND	ND	
	PFOS	**11**	ND	ND	7.7	2.0	ND	ND	ND	ND	
August 2020	PFOA	9.4	ND	ND	9.2	6.8	ND	ND	ND	ND	
	PFOS	**11**	ND	ND	**11**	4.5	ND	ND	ND	ND	
November 2020[1]	PFOA	5.6	ND	ND	NC	NC	NC	NC	NC	NC	
	PFOS	7.6	ND	ND	NC	NC	NC	NC	NC	NC	
February 2021	PFOA	7.5	ND	ND	ND	ND	ND	ND	ND	ND	
	PFOS	7.7	ND	ND	ND	ND	ND	ND	ND	ND	
May 2021	PFOA	8.7	ND	ND	5.3	ND	ND	ND	ND	ND	
	PFOS	7.7	ND	ND	3	ND	ND	ND	ND	ND	
August 2021	PFOA	7.0	ND	ND	4.9	ND	ND	ND	ND	ND	
	PFOS	8.0	ND	ND	4.3	ND	ND	ND	ND	ND	
November 2021*	PFOA	7.6	ND	ND	6.4	3.6	0.72 J	ND	ND	ND	
	PFOS	9.4	ND	ND	6.1	1.8 J	ND	ND	ND	ND	
March 2022	PFOA	7.6	ND	ND	6.1	4.1	0.92 J	ND	ND	ND	
	PFOS	9.5	ND	ND	4.5	1.6 J	ND	ND	ND	ND	

Notes:

1. GAC change completed by NYSDEC in November 2020.
2. GAC change completed by NYSDEC in November 2022.
3. May 2023 analytical results not reported due to lab error. Resampled in July 2023.
4. GAC change completed by NYSDEC in October and November 2024.

*Based on 21 Per- and polyfluoroalkyl substances (PFAS) Analysis Data only up until November 2021; then based on 25 PFAS Analysis Data (EPA Method 533)

EPA = U.S. Environmental Protection Agency

GAC = granular activated carbon

J = result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

NC = not collected

ND = non-detect

NYSDEC = New York State Department of Environmental Conservation

NYSDOH = New York State Department of Health

PFOA = perfluorooctanoic acid

PFOS = perfluorooctanesulfonic acid

ppt = parts per trillion

Bold values indicate that the analyte was detected at a concentration meeting or greater than the NYSDOH value.

Table 2. Kroll Well GAC Operation and Maintenance PFOA and PFOS Sampling Results

Date	Analyte	Result Raw Water (ppt)	Result Mid Point (ppt)	Result Effluent (ppt)	Result Tank A - 25 (ppt)	Result Tank A - 50 (ppt)	Result Tank A - 75 (ppt)	Result Tank B - 25 (ppt)	Result Tank B - 50 (ppt)	Result Tank B - 75 (ppt)	Comparison Values
May 2022	PFOA	7.4	0.41 J	ND	7.9	4.6	1.5 J	ND	ND	ND	NYSDOH Maximum Contaminant Level = 10 ppt
	PFOS	7.3	ND	ND	3.9	1.0 J	ND	ND	ND	ND	
August 2022	PFOA	6.1	ND	ND	ND	4.8	2.1	ND	ND	6.6	
	PFOS	7.9	ND	ND	ND	ND	ND	ND	ND	3.1	
November 2022[2]	PFOA	3.4	ND	ND	NC	NC	NC	NC	NC	NC	
	PFOS	6.3	ND	ND	NC	NC	NC	NC	NC	NC	
February 2023	PFOA	**17**	ND	ND	ND	ND	ND	ND	ND	ND	
	PFOS	**12**	ND	ND	ND	ND	ND	ND	ND	ND	
July 2023[3]	PFOA	8.4	ND	ND	2.7	1.2	ND	ND	ND	ND	
	PFOS	7	ND	ND	ND	ND	ND	ND	ND	ND	
August 2023	PFOA	**11**	ND	ND	5.8	ND	ND	ND	ND	ND	
	PFOS	**11**	ND	ND	1.3	ND	ND	ND	ND	ND	
November 2023	PFOA	6.4	ND	ND	5.3	1.6 J	ND	ND	ND	ND	
	PFOS	8.7	ND	ND	2.1	ND	ND	ND	ND	ND	
February 2024	PFOA	8.5	ND	ND	6.5	3.9	ND	ND	ND	ND	
	PFOS	**11**	ND	ND	3.5	0.57	ND	ND	ND	ND	
May 2024	PFOA	8.1	0.63 J	ND	7.9	4.6	1.0 J	ND	ND	ND	
	PFOS	9.5	ND	ND	4.6	1.1 J	ND	ND	ND	ND	
October - November 2024[4]	PFOA	4.2	ND	ND	NC	NC	NC	NC	NC	NC	
	PFOS	7.2	ND	ND	NC	NC	NC	NC	NC	NC	
January 2025	PFOA	7.7	ND	ND	ND	ND	ND	ND	ND	ND	
	PFOS	8.1	ND	ND	ND	ND	ND	ND	ND	ND	
April 2025	PFOA	**11**	ND	ND	ND	ND	ND	ND	ND	ND	
	PFOS	**15**	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

1. GAC change completed by NYSDEC in November 2020.
2. GAC change completed by NYSDEC in November 2022.
3. May 2023 analytical results not reported due to lab error. Resampled in July 2023.
4. GAC change completed by NYSDEC in October and November 2024.

*Based on 21 Per- and polyfluoroalkyl substances (PFAS) Analysis Data only up until November 2021; then based on 25 PFAS Analysis Data (EPA Method 533)

EPA = U.S. Environmental Protection Agency

GAC = granular activated carbon

J = result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

NC = not collected

ND = non-detect

NYSDEC = New York State Department of Environmental Conservation

NYSDOH = New York State Department of Health

PFOA = perfluorooctanoic acid

PFOS = perfluorooctanesulfonic acid

ppt = parts per trillion

Bold values indicate that the analyte was detected at a concentration meeting or greater than the NYSDOH value.

Table 2. Kroll Well GAC Operation and Maintenance PFOA and PFOS Sampling Results

Date	Analyte	Result Raw Water (ppt)	Result Mid Point (ppt)	Result Effluent (ppt)	Result Tank A - 25 (ppt)	Result Tank A - 50 (ppt)	Result Tank A - 75 (ppt)	Result Tank B - 25 (ppt)	Result Tank B - 50 (ppt)	Result Tank B - 75 (ppt)	Comparison Values
July 2025	PFOA	9.9	ND	ND	4.6	ND	ND	ND	ND	ND	
	PFOS	**10**	ND	ND	1.4	ND	ND	ND	ND	ND	
October 2025	PFOA	ND	6.2	ND	5.2	0.77	ND	ND	ND	ND	
	PFOS	ND	ND	ND	2.5	2.5	ND	ND	ND	ND	
December 2025	PFOA	7.9	ND	ND	6.3	1.5	ND	ND	ND	ND	
	PFOS	**10**	ND	ND	2.9	ND	ND	ND	ND	ND	

NYSDOH Maximum Contaminant Level = 10 ppt

Notes:

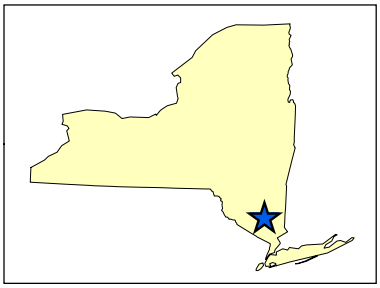
1. GAC change completed by NYSDEC in November 2020.
2. GAC change completed by NYSDEC in November 2022.
3. May 2023 analytical results not reported due to lab error. Resampled in July 2023.
4. GAC change completed by NYSDEC in October and November 2024.

*Based on 21 Per- and polyfluoroalkyl substances (PFAS) Analysis Data only up until November 2021; then based on 25 PFAS Analysis Data (EPA Method 533)
EPA = U.S. Environmental Protection Agency
GAC = granular activated carbon
J = result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value
NC = not collected
ND = non-detect
NYSDEC = New York State Department of Environmental Conservation
NYSDOH = New York State Department of Health
PFOA = perfluorooctanoic acid
PFOS = perfluorooctanesulfonic acid
ppt = parts per trillion
Bold values indicate that the analyte was detected at a concentration meeting or greater than the NYSDOH value.

Figures

This page intentionally left blank

G:\Projects\State&Local\NYSDEC - D007624\D007624 - Work Assignments\14907.41 - Site Management Kroll Well\GIS\MXD\Fig1_Kroll_SiteLocation.mxd



0 0.125 0.25 0.5
Miles

1 inch = 0.395 miles

N

Legend

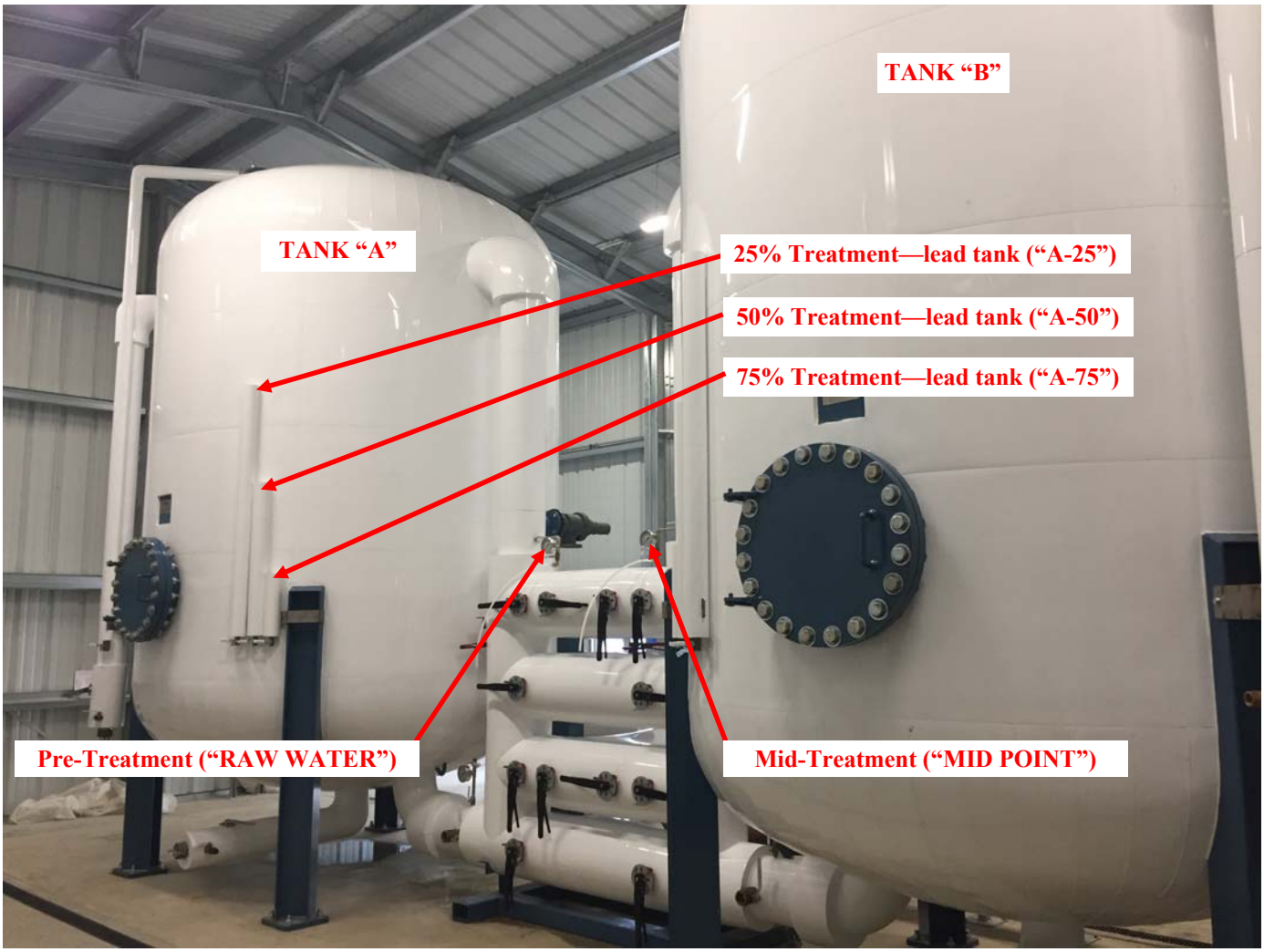
- Stewart Air National Guard Base
- Kroll Well House Production Well/Granulated Activated Carbon Treatment System Building
- Site Location

Figure 1
Site Location Map
Stewart Air National Guard Base
Kroll Well Site (336089)
New Windsor, New York

Map Date: 9/12/2019
Projection: State Plane NAD83 New York East (feet)

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

EA



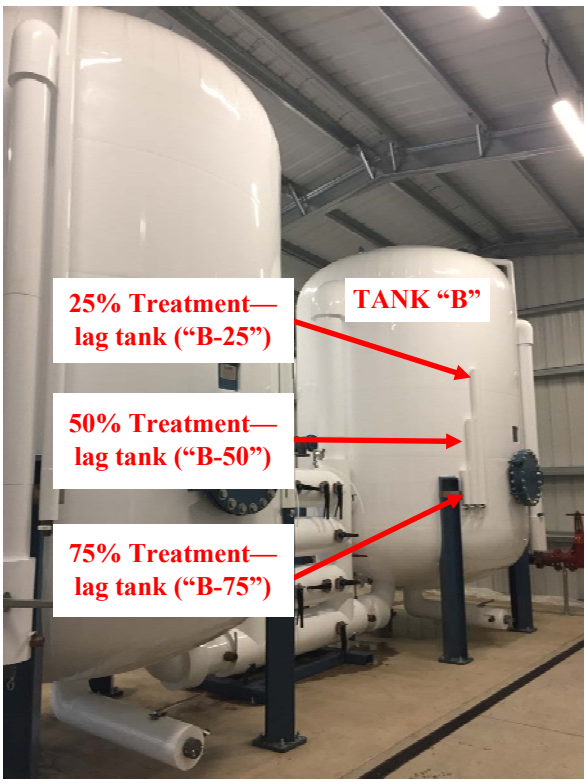


Figure 2. Kroll Well GAC Treatment System Sampling Locations

Attachment A

Field Notes

This page intentionally left blank

Stewart ANG Base - Kroll Well House

351 Mount Airy Blvd., New Windsor, NY

Department of Environmental Conservation

Personnel (Company): (EA/Lasalle) MM Time: 9:21 Date: 10/16/25

Weather: Sunny Temperature: 59 °F Wind Speed/Dir.: WSW Description: —

GAC Building

System Status:

Arrival: ✓ Running ____ Not Running

Departure: ✓ Running ____ Not Running

Pressure Readings:

Cartridge Filters

Tank A Inner Chamber:	80 PSI	Tank B Inner Chamber:	79 PSI	GAC Tank A Influent:	80 PSI	GAC Tank B Influent:	79 PSI
Tank A Outer Chamber:	79 PSI	Tank B Outer Chamber:	80 PSI	GAC Tank A Effluent:	79 PSI	GAC Tank B Effluent:	80 PSI

Manifold

Building Inspection

Building electric: ✓ Running ____ Not Running Site secure: Yes

Heater: ✓ Running ____ Not Running Any leaks observed? (describe below): No

Ventilation Fan: ✓ Running ____ Not Running

Comments (general, maintenance performed, items of concern, etc.): N/A

Kroll Building

Well Pump: ✓ Running ____ Not Running

Well Flow:	144 GPM	Pump Speed:	31.8 %	Test Well LGB-3:	0.0 Ft.
Flow Total:	2248 Gal. x 100	Well Level:	8.9 Ft.	Test Well LGB-4:	70.0 Ft.
Chlorine Residual:	1.12 PPM	Pump Enable:	9.1 Ft.	Test Well MW-3:	24.6 Ft.
System Pressure:	74 PSI	Pump Disable:	4.0 Ft.	Test Well MW-4:	43.7 Ft.

Well Pump VFD Keypad Readings: 36.9 Hz 40.0 A 45.3 %

Well Pump Run Time: 205.2 Hours

Flow Totalizer: 94243683.6 Total Gal.

Pressure Gauge Reading: 80 PSI

Hach CL17 Chlorine Reading: 1.12

Comments (general, maintenance performed, items of concern, etc.): N/A

Stewart ANG Base - Kroll Well House

351 Mount Airy Blvd., New Windsor, NY

NEW YORK STATE Department of Environmental Conservation

Personnel (Company): MF (LABELLA) Time: 0830 Date: 15 DEC 25

Weather: Temperature: 19 °F Wind Speed/Dir.: NW @ 8-10 Description: CAVU

GAC Building

System Status:

Arrival: ✓ Running ____ Not Running

Departure: ✓ Running ____ Not Running

Pressure Readings:

Cartridge Filters

				Manifold			
Tank A Inner Chamber:	71. PSI	Tank B Inner Chamber:	76. PSI	GAC Tank A Influent:	77. PSI	GAC Tank B Influent:	78. PSI
Tank A Outer Chamber:	72. PSI	Tank B Outer Chamber:	75. PSI	GAC Tank A Effluent:	77. PSI	GAC Tank B Effluent:	77. PSI

Building Inspection

Building electric: ✓ Running ____ Not Running Site secure YES

Heater: ✓ Running ____ Not Running Any leaks observed? (describe below): NO

Ventilation Fan: ✓ Running ____ Not Running

Comments (general, maintenance performed, items of concern, etc.):

Kroll Building

Well Pump: ✓ Running ____ Not Running

Well Flow:	154 GPM	Pump Speed:	33.9 %	Test Well LGB-3:	Ø Ft.
Flow Total:	219300 Gal. x 100	Well Level:	8. Ft.	Test Well LGB-4:	70. Ft.
Chlorine Residual:	1.27 PPM	Pump Enable:	9.1 Ft.	Test Well MW-3:	~~Ø~~ 24.3 Ft.
System Pressure:	74. PSI	Pump Disable:	4.0 Ft.	Test Well MW-4:	43.6 Ft.

Well Pump VFD Keypad Readings: 37.3 Hz 40.7 A 46.2 %

Well Pump Run Time: 58175.1 Hours

Flow Totalizer 6812385.7 Total Gal.

Pressure Gauge Reading: 75./74. PSI

Hach CL17 Chlorine Reading: 1.27

Comments (general, maintenance performed, items of concern, etc.):

Attachment B

Laboratory Analytical Data

This page intentionally left blank

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

December 5, 2025

David Chiusano
NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

Project Location: 351 Mt. Airy Rd, New Windsor, NY
Client Job Number:
Project Number: 336089
Laboratory Work Order Number: 25J1239

Enclosed are results of analyses for samples as received by the laboratory on October 18, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kyle A. Murray
Project Manager

Table of Contents

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

NYDEC_Environmental Assessment & Remediatior
225 Atlantic Avenue
Patchogue, NY 11772
ATTN: David Chiusano

REPORT DATE: 12/5/2025

PURCHASE ORDER NUMBER: 151958

PROJECT NUMBER: 336089

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25J1239

The results of analyses performed on the following samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, are found in this report.

PROJECT LOCATION: 351 Mt. Airy Rd, New Windsor, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
A-25	25J1239-01	Drinking Water		EPA 533	
A-50	25J1239-02	Drinking Water		EPA 533	
A-75	25J1239-03	Drinking Water		EPA 533	
B-25	25J1239-04	Drinking Water		EPA 533	
B-50	25J1239-05	Drinking Water		EPA 533	
B-75	25J1239-06	Drinking Water		EPA 533	
Effluent	25J1239-07	Drinking Water		EPA 533	
Influent	25J1239-08	Drinking Water		EPA 533	
Mid	25J1239-09	Drinking Water		EPA 533	
Duplicate	25J1239-10	Drinking Water		EPA 533	

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

Revised Report: 12/5/2025 - Client requested sample 25J1239-08 - re-analysis results to be reported for Method 533 analysis.

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

EPA 533

Qualifications:

PF-04

Internal standard area <50% of associated calibration standard internal standard area. Re-analysis reported since it yielded similar internal standard non-conformace.

Analyte & Samples(s) Qualified:

M3PFBA

25J1239-01[A-25], 25J1239-05[B-50], 25J1239-06RE1[B-75]

PF-17

Extracted Internal Standard recovery is outside of control limits. Data is not significantly affected since associated analyte is not detected and bias is on the high side.

Analyte & Samples(s) Qualified:

M2-4:2FTS

25J1239-09[Mid]

M2-6:2FTS

25J1239-09[Mid]

PF-18

Re-analysis confirmed Extracted Internal Standard failure due to matrix effects.

Analyte & Samples(s) Qualified:

M3HFPO-DA

25J1239-07[Effluent], 25J1239-08[Influent], 25J1239-08RE1[Influent], 25J1239-10[Duplicate], B415719-MSD1

M3PFBA

25J1239-07[Effluent]

M4PFHpA

25J1239-07[Effluent], 25J1239-08[Influent], 25J1239-08RE1[Influent], 25J1239-10[Duplicate], B415719-MSD1

M5PFHxA

25J1239-07[Effluent], 25J1239-10[Duplicate], B415719-MSD1

M5PFPeA

25J1239-07[Effluent], 25J1239-10[Duplicate], B415719-MSD1

M6PFDA

25J1239-07[Effluent], 25J1239-08[Influent], 25J1239-08RE1[Influent], 25J1239-10[Duplicate], B415719-MSD1

M7PFUnA

25J1239-07[Effluent], 25J1239-08[Influent], 25J1239-08RE1[Influent], 25J1239-10[Duplicate], B415719-MSD1

M8PFOA

25J1239-07[Effluent], 25J1239-08[Influent], 25J1239-08RE1[Influent], 25J1239-10[Duplicate], B415719-MSD1

M9PFNA

25J1239-07[Effluent], 25J1239-08[Influent], 25J1239-08RE1[Influent], 25J1239-10[Duplicate], B415719-MSD1

MPFBA

25J1239-07[Effluent], 25J1239-10[Duplicate], B415719-MSD1

MPFDoA

25J1239-07[Effluent], 25J1239-10[Duplicate], B415719-MSD1

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:

M2-4:2FTS
S128434-CCV5

M3HFPO-DA
B417156-BS1

M4PFHpA
B417156-BS1

M5PFHxA
25J1239-08[Influent], B417156-BS1

M5PFPeA
25J1239-06RE1[B-75], B417156-BS1

M7PFUnA
25J1239-01[A-25]

MPFBA
25J1239-08[Influent], B417156-BS1

MPFDoA
25J1239-01[A-25]

The results of analyses reported only relate to samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Technical Representative

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 351 Mt. Airy Rd, New Windsor, N Sample Description: Work Order: 25J1239

Date Received: 10/18/2025

Field Sample #: A-25 Sampled: 10/16/2025 09:40

Sample ID: 25J1239-01

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	3.7	1.8	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluorobutanesulfonic acid (PFBS)	4.6	1.8	0.45		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluoropentanoic acid (PFPeA)	3.1	1.8	0.40		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluorohexanoic acid (PFHxA)	3.0	1.8	0.46		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.67		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.46		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.44		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.85		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.35		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	0.58		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.69		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.53		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.58		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.32		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluorohexanesulfonic acid (PFHxS)	0.83	1.8	0.41		ng/L	1	J	EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.49		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.50		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.7		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.48		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.64		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.54		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluoroheptanoic acid (PFHpA)	1.8	1.8	0.55		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluorooctanoic acid (PFOA)	5.2	1.8	0.68		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluorooctanesulfonic acid (PFOS)	2.5	1.8	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	0.66		ng/L	1		EPA 533	11/6/25	11/11/25 3:41	QNW

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	138		50-200		11/11/25 3:41
M2-8:2FTS	93.0		50-200		11/11/25 3:41
MPFBA	80.8		50-200		11/11/25 3:41
M3HFPO-DA	81.3		50-200		11/11/25 3:41
M6PFDA	57.7		50-200		11/11/25 3:41
M3PFBS	98.0		50-200		11/11/25 3:41
M7PFUnA	**48.0**	*	50-200	S-29	11/11/25 3:41
M2-6:2FTS	131		50-200		11/11/25 3:41
M5PFPeA	102		50-200		11/11/25 3:41
M5PFHxA	78.6		50-200		11/11/25 3:41
M3PFHxS	103		50-200		11/11/25 3:41
M4PFHpA	79.5		50-200		11/11/25 3:41
M8PFOA	80.8		50-200		11/11/25 3:41
M8PFOS	98.8		50-200		11/11/25 3:41
M9PFNA	73.1		50-200		11/11/25 3:41
MPFDoA	**48.8**	*	50-200	S-29	11/11/25 3:41

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 351 Mt. Airy Rd, New Windsor, N Sample Description: Work Order: 25J1239

Date Received: 10/18/2025

Field Sample #: A-50 Sampled: 10/16/2025 09:45

Sample ID: 25J1239-02

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	4.2	1.8	0.47		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluorobutanesulfonic acid (PFBS)	2.7	1.8	0.46		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluoropentanoic acid (PFPeA)	4.0	1.8	0.40		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluorohexanoic acid (PFHxA)	3.2	1.8	0.46		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.68		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.47		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.44		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.86		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.35		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	0.58		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.70		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.54		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.58		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.33		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	0.42		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.49		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.50		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.7		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.49		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.65		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.54		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluoroheptanoic acid (PFHpA)	0.86	1.8	0.55		ng/L	1	J	EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluorooctanoic acid (PFOA)	0.77	1.8	0.68		ng/L	1	J	EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	0.47		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	0.66		ng/L	1		EPA 533	11/10/25	11/13/25 12:55	QNW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	149	50-200		11/13/25 12:55
M2-8:2FTS	83.0	50-200		11/13/25 12:55
MPFBA	102	50-200		11/13/25 12:55
M3HFPO-DA	87.1	50-200		11/13/25 12:55
M6PFDA	95.1	50-200		11/13/25 12:55
M3PFBS	101	50-200		11/13/25 12:55
M7PFUnA	97.2	50-200		11/13/25 12:55
M2-6:2FTS	141	50-200		11/13/25 12:55
M5PFPeA	111	50-200		11/13/25 12:55
M5PFHxA	95.2	50-200		11/13/25 12:55
M3PFHxS	116	50-200		11/13/25 12:55
M4PFHpA	102	50-200		11/13/25 12:55
M8PFOA	106	50-200		11/13/25 12:55
M8PFOS	106	50-200		11/13/25 12:55
M9PFNA	107	50-200		11/13/25 12:55
MPFDoA	95.5	50-200		11/13/25 12:55

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 351 Mt. Airy Rd, New Windsor, N Sample Description: Work Order: 25J1239

Date Received: 10/18/2025

Field Sample #: A-75 Sampled: 10/16/2025 09:50

Sample ID: 25J1239-03

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.0	1.8	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	0.46		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluoropentanoic acid (PFPeA)	4.5	1.8	0.40		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluorohexanoic acid (PFHxA)	0.74	1.8	0.46		ng/L	1	J	EPA 533	11/6/25	11/11/25 3:55	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.67		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.44		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.86		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.35		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	0.58		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.70		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.54		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.58		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.33		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	0.42		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.49		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.50		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.7		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.48		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.65		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.54		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluoroheptanoic acid (PFHpA)	ND	1.8	0.55		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluorooctanoic acid (PFOA)	ND	1.8	0.68		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	0.66		ng/L	1		EPA 533	11/6/25	11/11/25 3:55	QNW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	139	50-200		11/11/25 3:55
M2-8:2FTS	94.9	50-200		11/11/25 3:55
MPFBA	73.1	50-200		11/11/25 3:55
M3HFPO-DA	68.5	50-200		11/11/25 3:55
M6PFDA	62.0	50-200		11/11/25 3:55
M3PFBS	98.0	50-200		11/11/25 3:55
M7PFUnA	62.9	50-200		11/11/25 3:55
M2-6:2FTS	129	50-200		11/11/25 3:55
M5PFPeA	84.2	50-200		11/11/25 3:55
M5PFHxA	69.2	50-200		11/11/25 3:55
M3PFHxS	103	50-200		11/11/25 3:55
M4PFHpA	71.6	50-200		11/11/25 3:55
M8PFOA	71.6	50-200		11/11/25 3:55
M8PFOS	103	50-200		11/11/25 3:55
M9PFNA	70.9	50-200		11/11/25 3:55
MPFDoA	63.3	50-200		11/11/25 3:55

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 351 Mt. Airy Rd, New Windsor, N Sample Description: Work Order: 25J1239

Date Received: 10/18/2025

Field Sample #: B-25 Sampled: 10/16/2025 09:55

Sample ID: 25J1239-04

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	2.8	1.9	0.50		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.49		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluoropentanoic acid (PFPeA)	ND	1.9	0.43		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.49		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.72		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.50		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.47		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.92		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.37		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluorodecanoic acid (PFDA)	ND	1.9	0.62		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.75		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.57		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.62		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.35		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.44		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.52		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.53		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.8		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.52		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.58		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.59		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluorooctanoic acid (PFOA)	ND	1.9	0.73		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.50		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW
Perfluorononanoic acid (PFNA)	ND	1.9	0.71		ng/L	1		EPA 533	11/10/25	11/13/25 13:09	QNW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	143	50-200		11/13/25 13:09
M2-8:2FTS	81.0	50-200		11/13/25 13:09
MPFBA	80.5	50-200		11/13/25 13:09
M3HFPO-DA	77.0	50-200		11/13/25 13:09
M6PFDA	89.4	50-200		11/13/25 13:09
M3PFBS	101	50-200		11/13/25 13:09
M7PFUnA	94.2	50-200		11/13/25 13:09
M2-6:2FTS	129	50-200		11/13/25 13:09
M5PFPeA	93.7	50-200		11/13/25 13:09
M5PFHxA	86.7	50-200		11/13/25 13:09
M3PFHxS	114	50-200		11/13/25 13:09
M4PFHpA	90.0	50-200		11/13/25 13:09
M8PFOA	94.1	50-200		11/13/25 13:09
M8PFOS	103	50-200		11/13/25 13:09
M9PFNA	96.4	50-200		11/13/25 13:09
MPFDoA	93.8	50-200		11/13/25 13:09

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 351 Mt. Airy Rd, New Windsor, N Sample Description: Work Order: 25J1239

Date Received: 10/18/2025

Field Sample #: B-50 Sampled: 10/16/2025 10:00

Sample ID: 25J1239-05

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	0.63	1.9	0.49		ng/L	1	J	EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.48		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluoropentanoic acid (PFPeA)	ND	1.9	0.42		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluorohexanoic acid (PFHxA)	0.49	1.9	0.49		ng/L	1	J	EPA 533	11/6/25	11/11/25 4:09	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.71		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.49		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.46		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.91		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.37		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluorodecanoic acid (PFDA)	ND	1.9	0.61		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.74		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.56		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.61		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.34		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.44		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.52		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.53		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.8		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.51		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.68		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.57		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.58		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluorooctanoic acid (PFOA)	ND	1.9	0.72		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.49		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW
Perfluorononanoic acid (PFNA)	ND	1.9	0.70		ng/L	1		EPA 533	11/6/25	11/11/25 4:09	QNW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	50.7	50-200		11/11/25 4:09
M2-8:2FTS	105	50-200		11/11/25 4:09
MPFBA	72.4	50-200		11/11/25 4:09
M3HFPO-DA	61.4	50-200		11/11/25 4:09
M6PFDA	117	50-200		11/11/25 4:09
M3PFBS	74.9	50-200		11/11/25 4:09
M7PFUnA	120	50-200		11/11/25 4:09
M2-6:2FTS	130	50-200		11/11/25 4:09
M5PFPeA	147	50-200		11/11/25 4:09
M5PFHxA	52.2	50-200		11/11/25 4:09
M3PFHxS	94.1	50-200		11/11/25 4:09
M4PFHpA	70.0	50-200		11/11/25 4:09
M8PFOA	88.0	50-200		11/11/25 4:09
M8PFOS	94.6	50-200		11/11/25 4:09
M9PFNA	99.3	50-200		11/11/25 4:09
MPFDoA	122	50-200		11/11/25 4:09

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 351 Mt. Airy Rd, New Windsor, N Sample Description: Work Order: 25J1239

Date Received: 10/18/2025

Field Sample #: B-75 Sampled: 10/16/2025 10:05

Sample ID: 25J1239-06

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	1.9	0.48		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.46		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluoropentanoic acid (PFPeA)	ND	1.9	0.41		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.47		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.69		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.88		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.36		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluorodecanoic acid (PFDA)	ND	1.9	0.59		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.71		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.54		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.59		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.33		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.42		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.50		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.7		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.49		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.66		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.55		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.56		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluorooctanoic acid (PFOA)	ND	1.9	0.70		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.48		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW
Perfluorononanoic acid (PFNA)	ND	1.9	0.68		ng/L	1		EPA 533	11/10/25	11/13/25 14:06	QNW

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	174		50-200		11/13/25 14:06
M2-8:2FTS	96.2		50-200		11/13/25 14:06
MPFBA	99.7		50-200		11/13/25 14:06
M3HFPO-DA	84.8		50-200		11/13/25 14:06
M6PFDA	97.6		50-200		11/13/25 14:06
M3PFBS	99.2		50-200		11/13/25 14:06
M7PFUnA	95.0		50-200		11/13/25 14:06
M2-6:2FTS	196		50-200		11/13/25 14:06
M5PFPeA	**251**	*	50-200	S-29	11/13/25 14:06
M5PFHxA	82.3		50-200		11/13/25 14:06
M3PFHxS	107		50-200		11/13/25 14:06
M4PFHpA	94.9		50-200		11/13/25 14:06
M8PFOA	102		50-200		11/13/25 14:06
M8PFOS	105		50-200		11/13/25 14:06
M9PFNA	102		50-200		11/13/25 14:06
MPFDoA	95.9		50-200		11/13/25 14:06

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 351 Mt. Airy Rd, New Windsor, N Sample Description: Work Order: 25J1239

Date Received: 10/18/2025

Field Sample #: Effluent Sampled: 10/16/2025 10:10

Sample ID: 25J1239-07

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	0.72	1.8	0.47		ng/L	1	J	EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	0.46		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluoropentanoic acid (PFPeA)	ND	1.8	0.40		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluorohexanoic acid (PFHxA)	ND	1.8	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.68		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.44		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.87		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.35		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	0.59		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.71		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.54		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.59		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.33		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	0.42		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.50		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.51		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.7		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.49		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.65		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.55		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluoroheptanoic acid (PFHpA)	ND	1.8	0.56		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluorooctanoic acid (PFOA)	ND	1.8	0.69		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	0.67		ng/L	1		EPA 533	11/6/25	11/11/25 4:24	QNW

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	142		50-200		11/11/25 4:24
M2-8:2FTS	119		50-200		11/11/25 4:24
MPFBA	**9.93**	*	50-200	PF-18	11/11/25 4:24
M3HFPO-DA	**7.79**	*	50-200	PF-18	11/11/25 4:24
M6PFDA	**19.8**	*	50-200	PF-18	11/11/25 4:24
M3PFBS	101		50-200		11/11/25 4:24
M7PFUnA	**25.5**	*	50-200	PF-18	11/11/25 4:24
M2-6:2FTS	177		50-200		11/11/25 4:24
M5PFPeA	**15.0**	*	50-200	PF-18	11/11/25 4:24
M5PFHxA	**7.85**	*	50-200	PF-18	11/11/25 4:24
M3PFHxS	115		50-200		11/11/25 4:24
M4PFHpA	**9.58**	*	50-200	PF-18	11/11/25 4:24
M8PFOA	**10.6**	*	50-200	PF-18	11/11/25 4:24
M8PFOS	113		50-200		11/11/25 4:24
M9PFNA	**14.5**	*	50-200	PF-18	11/11/25 4:24
MPFDoA	**33.6**	*	50-200	PF-18	11/11/25 4:24

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 351 Mt. Airy Rd, New Windsor, N Sample Description: Work Order: 25J1239

Date Received: 10/18/2025

Field Sample #: Influent Sampled: 10/16/2025 10:15

Sample ID: 25J1239-08

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	7.5	1.8	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluorobutanoic acid (PFBA)	7.4	1.8	0.47		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	0.46		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	0.46		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluoropentanoic acid (PFPeA)	0.68	1.8	0.40		ng/L	1	J	EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluoropentanoic acid (PFPeA)	0.72	1.8	0.40		ng/L	1	J	EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluorohexanoic acid (PFHxA)	ND	1.8	0.46		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluorohexanoic acid (PFHxA)	0.60	1.8	0.46		ng/L	1	J	EPA 533	11/10/25	11/13/25 14:21	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.68		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.67		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.47		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.44		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.44		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.87		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.86		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.35		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.35		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	0.59		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	0.58		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.70		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.70		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.54		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.54		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.59		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.58		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.33		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.33		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	0.42		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	0.42		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.50		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.49		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.51		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.50		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.7		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.7		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.49		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.48		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.65		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 351 Mt. Airy Rd, New Windsor, N Sample Description: Work Order: 25J1239

Date Received: 10/18/2025

Field Sample #: Influent Sampled: 10/16/2025 10:15

Sample ID: 25J1239-08

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.65		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.55		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.54		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluoroheptanoic acid (PFHpA)	ND	1.8	0.56		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluoroheptanoic acid (PFHpA)	ND	1.8	0.55		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluorooctanoic acid (PFOA)	ND	1.8	0.69		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluorooctanoic acid (PFOA)	0.78	1.8	0.68		ng/L	1	J	EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	0.47		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	0.67		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	0.66		ng/L	1		EPA 533	11/10/25	11/13/25 14:21	QNW
Summation of PFAS 6	ND	1.8	1.8		ng/L	1		EPA 533	11/6/25	11/11/25 4:31	QNW

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	126		50-200		11/11/25 4:31
M2-4:2FTS	141		50-200		11/13/25 14:21
M2-8:2FTS	92.2		50-200		11/11/25 4:31
M2-8:2FTS	76.7		50-200		11/13/25 14:21
MPFBA	**49.6**	*	50-200	S-29	11/11/25 4:31
MPFBA	67.3		50-200		11/13/25 14:21
M3HFPO-DA	**44.2**	*	50-200	PF-18	11/11/25 4:31
M3HFPO-DA	**47.0**	*	50-200	PF-18	11/13/25 14:21
M6PFDA	**37.9**	*	50-200	PF-18	11/11/25 4:31
M6PFDA	**42.0**	*	50-200	PF-18	11/13/25 14:21
M3PFBS	97.1		50-200		11/11/25 4:31
M3PFBS	106		50-200		11/13/25 14:21
M7PFUnA	**38.6**	*	50-200	PF-18	11/11/25 4:31
M7PFUnA	**49.9**	*	50-200	PF-18	11/13/25 14:21
M2-6:2FTS	144		50-200		11/11/25 4:31
M2-6:2FTS	137		50-200		11/13/25 14:21
M5PFPeA	74.3		50-200		11/11/25 4:31
M5PFPeA	74.3		50-200		11/13/25 14:21
M5PFHxA	**45.5**	*	50-200	S-29	11/11/25 4:31
M5PFHxA	53.9		50-200		11/13/25 14:21
M3PFHxS	105		50-200		11/11/25 4:31
M3PFHxS	108		50-200		11/13/25 14:21
M4PFHpA	**49.6**	*	50-200	PF-18	11/11/25 4:31
M4PFHpA	**46.8**	*	50-200	PF-18	11/13/25 14:21
M8PFOA	**49.1**	*	50-200	PF-18	11/11/25 4:31
M8PFOA	**42.5**	*	50-200	PF-18	11/13/25 14:21
M8PFOS	95.6		50-200		11/11/25 4:31
M8PFOS	102		50-200		11/13/25 14:21
M9PFNA	**45.4**	*	50-200	PF-18	11/11/25 4:31
M9PFNA	**39.7**	*	50-200	PF-18	11/13/25 14:21
MPFDoA	51.7		50-200		11/11/25 4:31
MPFDoA	59.8		50-200		11/13/25 14:21

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 351 Mt. Airy Rd, New Windsor, N Sample Description: Work Order: 25J1239

Date Received: 10/18/2025

Field Sample #: Mid Sampled: 10/16/2025 10:20

Sample ID: 25J1239-09

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	3.6	1.9	0.48		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.46		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluoropentanoic acid (PFPeA)	0.85	1.9	0.41		ng/L	1	J	EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluorohexanoic acid (PFHxA)	3.1	1.9	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.69		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.88		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.36		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluorodecanoic acid (PFDA)	ND	1.9	0.59		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.71		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.55		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.59		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.33		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.42		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.50		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.7		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.49		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.66		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.55		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluoroheptanoic acid (PFHpA)	0.79	1.9	0.56		ng/L	1	J	EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluorooctanoic acid (PFOA)	6.2	1.9	0.70		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.48		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW
Perfluorononanoic acid (PFNA)	ND	1.9	0.68		ng/L	1		EPA 533	11/6/25	11/11/25 4:38	QNW

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	**336**	*	50-200	PF-17	11/11/25 4:38
M2-8:2FTS	123		50-200		11/11/25 4:38
MPFBA	97.9		50-200		11/11/25 4:38
M3HFPO-DA	92.9		50-200		11/11/25 4:38
M6PFDA	81.8		50-200		11/11/25 4:38
M3PFBS	107		50-200		11/11/25 4:38
M7PFUnA	93.0		50-200		11/11/25 4:38
M2-6:2FTS	**273**	*	50-200	PF-17	11/11/25 4:38
M5PFPeA	144		50-200		11/11/25 4:38
M5PFHxA	106		50-200		11/11/25 4:38
M3PFHxS	100		50-200		11/11/25 4:38
M4PFHpA	96.7		50-200		11/11/25 4:38
M8PFOA	96.4		50-200		11/11/25 4:38
M8PFOS	99.2		50-200		11/11/25 4:38
M9PFNA	104		50-200		11/11/25 4:38
MPFDoA	98.1		50-200		11/11/25 4:38

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 351 Mt. Airy Rd, New Windsor, N Sample Description: Work Order: 25J1239

Date Received: 10/18/2025

Field Sample #: Duplicate Sampled: 10/16/2025 00:00

Sample ID: 25J1239-10

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	8.6	1.9	0.48		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluoropentanoic acid (PFPeA)	0.70	1.9	0.41		ng/L	1	J	EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.47		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.69		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.88		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.36		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluorodecanoic acid (PFDA)	ND	1.9	0.59		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.72		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.55		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.59		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.33		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.43		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.50		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.7		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.66		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.56		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluorooctanoic acid (PFOA)	ND	1.9	0.70		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.48		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW
Perfluorononanoic acid (PFNA)	ND	1.9	0.68		ng/L	1		EPA 533	11/6/25	11/11/25 4:45	QNW

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	127		50-200		11/11/25 4:45
M2-8:2FTS	107		50-200		11/11/25 4:45
MPFBA	**17.7**	*	50-200	PF-18	11/11/25 4:45
M3HFPO-DA	**12.9**	*	50-200	PF-18	11/11/25 4:45
M6PFDA	**36.3**	*	50-200	PF-18	11/11/25 4:45
M3PFBS	92.0		50-200		11/11/25 4:45
M7PFUnA	**40.6**	*	50-200	PF-18	11/11/25 4:45
M2-6:2FTS	155		50-200		11/11/25 4:45
M5PFPeA	**18.9**	*	50-200	PF-18	11/11/25 4:45
M5PFHxA	**14.3**	*	50-200	PF-18	11/11/25 4:45
M3PFHxS	101		50-200		11/11/25 4:45
M4PFHpA	**17.1**	*	50-200	PF-18	11/11/25 4:45
M8PFOA	**21.9**	*	50-200	PF-18	11/11/25 4:45
M8PFOS	93.3		50-200		11/11/25 4:45
M9PFNA	**30.5**	*	50-200	PF-18	11/11/25 4:45
MPFDoA	**48.7**	*	50-200	PF-18	11/11/25 4:45

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: EPA 533-EPA 533

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25J1239-01 [A-25]	B415719	277	1.00	11/06/25
25J1239-03 [A-75]	B415719	274	1.00	11/06/25
25J1239-05 [B-50]	B415719	261	1.00	11/06/25
25J1239-07 [Effluent]	B415719	272	1.00	11/06/25
25J1239-08 [Influent]	B415719	273	1.00	11/06/25
25J1239-09 [Mid]	B415719	270	1.00	11/06/25
25J1239-10 [Duplicate]	B415719	269	1.00	11/06/25

Prep Method: EPA 533-EPA 533

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25J1239-02RE1 [A-50]	B417156	274	1.00	11/10/25
25J1239-04RE1 [B-25]	B417156	258	1.00	11/10/25
25J1239-06RE1 [B-75]	B417156	270	1.00	11/10/25
25J1239-08RE1 [Influent]	B417156	274	1.00	11/10/25

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415719 - EPA 533											
Blank (B415719-BLK1)					Prepared: 11/06/25 Analyzed: 11/10/25						
Perfluorobutanoic acid (PFBA)	ND	2.0	0.52	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	0.50	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	2.0	0.44	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	2.0	0.51	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.74	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.51	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.48	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.95	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	0.39	ng/L							
Perfluorodecanoic acid (PFDA)	ND	2.0	0.64	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.77	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.59	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.64	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	0.36	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	0.46	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.54	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.55	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	1.8	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.53	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.71	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.60	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	2.0	0.61	ng/L							
Perfluorooctanoic acid (PFOA)	ND	2.0	0.75	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.52	ng/L							
Perfluorononanoic acid (PFNA)	ND	2.0	0.73	ng/L							
Surrogate: M2-4:2FTS	*42.0*			ng/L	37.52		112	50-200			
Surrogate: M2-8:2FTS	*45.4*			ng/L	38.40		118	50-200			
Surrogate: MPFBA	*38.7*			ng/L	40.00		96.8	50-200			
Surrogate: M3HFPO-DA	*37.4*			ng/L	40.00		93.4	50-200			
Surrogate: M6PFDA	*32.4*			ng/L	40.00		81.0	50-200			
Surrogate: M3PFBS	*38.0*			ng/L	37.28		102	50-200			
Surrogate: M7PFUnA	*32.4*			ng/L	40.00		81.1	50-200			
Surrogate: M2-6:2FTS	*48.9*			ng/L	38.04		128	50-200			
Surrogate: M5PFPeA	*38.4*			ng/L	40.00		96.0	50-200			
Surrogate: M5PFHxA	*36.9*			ng/L	40.00		92.3	50-200			
Surrogate: M3PFHxS	*39.5*			ng/L	37.92		104	50-200			
Surrogate: M4PFHpA	*35.8*			ng/L	40.00		89.5	50-200			
Surrogate: M8PFOA	*35.8*			ng/L	40.00		89.4	50-200			
Surrogate: M8PFOS	*40.1*			ng/L	38.36		105	50-200			
Surrogate: M9PFNA	*34.4*			ng/L	40.00		86.1	50-200			
Surrogate: MPFDoA	*36.5*			ng/L	40.00		91.3	50-200			
LCS (B415719-BS1)					Prepared: 11/06/25 Analyzed: 11/10/25						
Perfluorobutanoic acid (PFBA)	22.1	2.0	0.52	ng/L	20.00		111	70-130			
Perfluorobutanesulfonic acid (PFBS)	20.2	2.0	0.50	ng/L	20.00		101	70-130			
Perfluoropentanoic acid (PFPeA)	19.8	2.0	0.44	ng/L	20.00		98.9	70-130			
Perfluorohexanoic acid (PFHxA)	20.2	2.0	0.51	ng/L	20.00		101	70-130			
11Cl-PF3OUdS (F53B Major)	19.5	2.0	0.74	ng/L	20.00		97.6	70-130			

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415719 - EPA 533											
LCS (B415719-BS1)					Prepared: 11/06/25 Analyzed: 11/10/25						
9Cl-PF3ONS (F53B Minor)	20.1	2.0	0.51	ng/L	20.00		100	70-130			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	19.2	2.0	0.48	ng/L	20.00		96.2	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	17.8	2.0	0.95	ng/L	20.00		88.8	70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	20.9	2.0	0.39	ng/L	20.00		105	70-130			
Perfluorodecanoic acid (PFDA)	20.2	2.0	0.64	ng/L	20.00		101	70-130			
Perfluorododecanoic acid (PFDoA)	20.2	2.0	0.77	ng/L	20.00		101	70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	21.7	2.0	0.59	ng/L	20.00		109	70-130			
Perfluoroheptanesulfonic acid (PFHpS)	19.1	2.0	0.64	ng/L	20.00		95.5	70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	22.0	2.0	0.36	ng/L	20.00		110	70-130			
Perfluorohexanesulfonic acid (PFHxS)	20.4	2.0	0.46	ng/L	20.00		102	70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	20.3	2.0	0.54	ng/L	20.00		102	70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	20.8	2.0	0.55	ng/L	20.00		104	70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	20.0	2.0	1.8	ng/L	20.00		100	70-130			
Perfluoropentanesulfonic acid (PFPeS)	20.0	2.0	0.53	ng/L	20.00		99.8	70-130			
Perfluoroundecanoic acid (PFUnA)	21.1	2.0	0.71	ng/L	20.00		105	70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	20.6	2.0	0.60	ng/L	20.00		103	70-130			
Perfluoroheptanoic acid (PFHpA)	20.3	2.0	0.61	ng/L	20.00		102	70-130			
Perfluorooctanoic acid (PFOA)	19.7	2.0	0.75	ng/L	20.00		98.7	70-130			
Perfluorooctanesulfonic acid (PFOS)	18.6	2.0	0.52	ng/L	20.00		92.9	70-130			
Perfluorononanoic acid (PFNA)	21.0	2.0	0.73	ng/L	20.00		105	70-130			
Surrogate: M2-4:2FTS	*38.7*			ng/L	37.52		103	50-200			
Surrogate: M2-8:2FTS	*42.5*			ng/L	38.40		111	50-200			
Surrogate: MPFBA	*35.1*			ng/L	40.00		87.7	50-200			
Surrogate: M3HFPO-DA	*35.0*			ng/L	40.00		87.5	50-200			
Surrogate: M6PFDA	*35.1*			ng/L	40.00		87.7	50-200			
Surrogate: M3PFBS	*37.2*			ng/L	37.28		99.7	50-200			
Surrogate: M7PFUnA	*34.9*			ng/L	40.00		87.3	50-200			
Surrogate: M2-6:2FTS	*44.0*			ng/L	38.04		116	50-200			
Surrogate: M5PFPeA	*34.4*			ng/L	40.00		86.0	50-200			
Surrogate: M5PFHxA	*33.8*			ng/L	40.00		84.5	50-200			
Surrogate: M3PFHxS	*38.6*			ng/L	37.92		102	50-200			
Surrogate: M4PFHpA	*34.7*			ng/L	40.00		86.7	50-200			
Surrogate: M8PFOA	*35.0*			ng/L	40.00		87.5	50-200			
Surrogate: M8PFOS	*38.8*			ng/L	38.36		101	50-200			
Surrogate: M9PFNA	*35.4*			ng/L	40.00		88.6	50-200			
Surrogate: MPFDoA	*36.7*			ng/L	40.00		91.7	50-200			
Matrix Spike (B415719-MS1)		**Source: 25J1239-07**			Prepared: 11/06/25 Analyzed: 11/11/25						
Perfluorobutanoic acid (PFBA)	19.9	1.8	0.46	ng/L	17.86	0.721	107	70-130			
Perfluorobutanesulfonic acid (PFBS)	17.9	1.8	0.45	ng/L	17.86	ND	100	70-130			
Perfluoropentanoic acid (PFPeA)	18.0	1.8	0.39	ng/L	17.86	ND	101	70-130			
Perfluorohexanoic acid (PFHxA)	19.1	1.8	0.45	ng/L	17.86	ND	107	70-130			
11Cl-PF3OUdS (F53B Major)	17.1	1.8	0.66	ng/L	17.86	ND	96.0	70-130			
9Cl-PF3ONS (F53B Minor)	18.2	1.8	0.46	ng/L	17.86	ND	102	70-130			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	18.3	1.8	0.43	ng/L	17.86	ND	103	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	16.9	1.8	0.84	ng/L	17.86	ND	94.8	70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	19.4	1.8	0.34	ng/L	17.86	ND	109	70-130			

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415719 - EPA 533											
Matrix Spike (B415719-MS1)	**Source: 25J1239-07**				Prepared: 11/06/25 Analyzed: 11/11/25						
Perfluorodecanoic acid (PFDA)	17.9	1.8	0.57	ng/L	17.86	ND	100	70-130			
Perfluorododecanoic acid (PFDoA)	18.6	1.8	0.69	ng/L	17.86	ND	104	70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	19.1	1.8	0.53	ng/L	17.86	ND	107	70-130			
Perfluoroheptanesulfonic acid (PFHpS)	17.3	1.8	0.57	ng/L	17.86	ND	96.8	70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	19.5	1.8	0.32	ng/L	17.86	ND	109	70-130			
Perfluorohexanesulfonic acid (PFHxS)	18.2	1.8	0.41	ng/L	17.86	ND	102	70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	19.7	1.8	0.48	ng/L	17.86	ND	110	70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	19.3	1.8	0.49	ng/L	17.86	ND	108	70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	18.0	1.8	1.6	ng/L	17.86	ND	101	70-130			
Perfluoropentanesulfonic acid (PFPeS)	17.5	1.8	0.48	ng/L	17.86	ND	97.8	70-130			
Perfluoroundecanoic acid (PFUnA)	18.9	1.8	0.63	ng/L	17.86	ND	106	70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	18.5	1.8	0.53	ng/L	17.86	ND	104	70-130			
Perfluoroheptanoic acid (PFHpA)	18.8	1.8	0.54	ng/L	17.86	ND	105	70-130			
Perfluorooctanoic acid (PFOA)	18.3	1.8	0.67	ng/L	17.86	ND	103	70-130			
Perfluorooctanesulfonic acid (PFOS)	16.8	1.8	0.46	ng/L	17.86	ND	94.2	70-130			
Perfluorononanoic acid (PFNA)	18.9	1.8	0.65	ng/L	17.86	ND	106	70-130			
Surrogate: M2-4:2FTS	*46.0*			ng/L	33.50		137	50-200			
Surrogate: M2-8:2FTS	*35.0*			ng/L	34.29		102	50-200			
Surrogate: MPFBA	*31.6*			ng/L	35.71		88.5	50-200			
Surrogate: M3HFPO-DA	*31.4*			ng/L	35.71		87.9	50-200			
Surrogate: M6PFDA	*33.2*			ng/L	35.71		92.9	50-200			
Surrogate: M3PFBS	*33.9*			ng/L	33.29		102	50-200			
Surrogate: M7PFUnA	*32.4*			ng/L	35.71		90.6	50-200			
Surrogate: M2-6:2FTS	*42.1*			ng/L	33.96		124	50-200			
Surrogate: M5PFPeA	*34.6*			ng/L	35.71		97.0	50-200			
Surrogate: M5PFHxA	*31.7*			ng/L	35.71		88.8	50-200			
Surrogate: M3PFHxS	*35.5*			ng/L	33.86		105	50-200			
Surrogate: M4PFHpA	*32.8*			ng/L	35.71		91.8	50-200			
Surrogate: M8PFOA	*33.4*			ng/L	35.71		93.4	50-200			
Surrogate: M8PFOS	*35.0*			ng/L	34.25		102	50-200			
Surrogate: M9PFNA	*34.3*			ng/L	35.71		96.0	50-200			
Surrogate: MPFDoA	*32.6*			ng/L	35.71		91.2	50-200			
Matrix Spike Dup (B415719-MSD1)	**Source: 25J1239-07**				Prepared: 11/06/25 Analyzed: 11/11/25						
Perfluorobutanoic acid (PFBA)	18.4	1.8	0.46	ng/L	17.97	0.721	98.6	70-130	7.63	30	
Perfluorobutanesulfonic acid (PFBS)	17.7	1.8	0.45	ng/L	17.97	ND	98.5	70-130	0.867	30	
Perfluoropentanoic acid (PFPeA)	17.7	1.8	0.39	ng/L	17.97	ND	98.5	70-130	1.55	30	
Perfluorohexanoic acid (PFHxA)	17.8	1.8	0.46	ng/L	17.97	ND	98.8	70-130	7.36	30	
11Cl-PF3OUdS (F53B Major)	16.1	1.8	0.67	ng/L	17.97	ND	89.6	70-130	6.27	30	
9Cl-PF3ONS (F53B Minor)	17.0	1.8	0.46	ng/L	17.97	ND	94.6	70-130	6.93	30	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	16.1	1.8	0.43	ng/L	17.97	ND	89.9	70-130	12.8	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	16.9	1.8	0.85	ng/L	17.97	ND	93.8	70-130	0.445	30	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	19.1	1.8	0.35	ng/L	17.97	ND	106	70-130	2.01	30	
Perfluorodecanoic acid (PFDA)	17.1	1.8	0.57	ng/L	17.97	ND	95.0	70-130	4.82	30	
Perfluorododecanoic acid (PFDoA)	17.9	1.8	0.69	ng/L	17.97	ND	99.3	70-130	4.04	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	19.1	1.8	0.53	ng/L	17.97	ND	106	70-130	0.177	30	
Perfluoroheptanesulfonic acid (PFHpS)	16.1	1.8	0.57	ng/L	17.97	ND	89.4	70-130	7.35	30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	18.6	1.8	0.32	ng/L	17.97	ND	104	70-130	4.57	30	

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B415719 - EPA 533												
Matrix Spike Dup (B415719-MSD1)	**Source: 25J1239-07**				Prepared: 11/06/25 Analyzed: 11/11/25							
Perfluorohexanesulfonic acid (PFHxS)	18.2	1.8	0.41	ng/L	17.97	ND	101		70-130	0.129	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	16.3	1.8	0.49	ng/L	17.97	ND	90.8		70-130	18.9	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	19.3	1.8	0.49	ng/L	17.97	ND	107		70-130	0.0419	30	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	17.5	1.8	1.6	ng/L	17.97	ND	97.2		70-130	3.04	30	
Perfluoropentanesulfonic acid (PFPeS)	17.7	1.8	0.48	ng/L	17.97	ND	98.4		70-130	1.17	30	
Perfluoroundecanoic acid (PFUnA)	18.5	1.8	0.64	ng/L	17.97	ND	103		70-130	2.18	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	13.8	1.8	0.54	ng/L	17.97	ND	77.1		70-130	28.7	30	
Perfluoroheptanoic acid (PFHpA)	18.0	1.8	0.54	ng/L	17.97	ND	100		70-130	4.33	30	
Perfluorooctanoic acid (PFOA)	17.6	1.8	0.68	ng/L	17.97	ND	97.9		70-130	4.14	30	
Perfluorooctanesulfonic acid (PFOS)	16.0	1.8	0.46	ng/L	17.97	ND	89.3		70-130	4.75	30	
Perfluorononanoic acid (PFNA)	18.3	1.8	0.66	ng/L	17.97	ND	102		70-130	2.90	30	
Surrogate: M2-4:2FTS	*33.6*			ng/L	33.71		99.5		50-200			
Surrogate: M2-8:2FTS	*32.0*			ng/L	34.50		92.8		50-200			
Surrogate: MPFBA	*4.70*			ng/L	35.94		**13.1**	*	50-200			PF-18
Surrogate: M3HFPO-DA	*9.13*			ng/L	35.94		**25.4**	*	50-200			PF-18
Surrogate: M6PFDA	*12.6*			ng/L	35.94		**35.0**	*	50-200			PF-18
Surrogate: M3PFBS	*32.3*			ng/L	33.50		96.3		50-200			
Surrogate: M7PFUnA	*13.0*			ng/L	35.94		**36.3**	*	50-200			PF-18
Surrogate: M2-6:2FTS	*37.0*			ng/L	34.18		108		50-200			
Surrogate: M5PFPeA	*6.61*			ng/L	35.94		**18.4**	*	50-200			PF-18
Surrogate: M5PFHxA	*9.67*			ng/L	35.94		**26.9**	*	50-200			PF-18
Surrogate: M3PFHxS	*34.2*			ng/L	34.07		100		50-200			
Surrogate: M4PFHpA	*12.8*			ng/L	35.94		**35.7**	*	50-200			PF-18
Surrogate: M8PFOA	*14.9*			ng/L	35.94		**41.4**	*	50-200			PF-18
Surrogate: M8PFOS	*35.3*			ng/L	34.47		102		50-200			
Surrogate: M9PFNA	*15.1*			ng/L	35.94		**41.9**	*	50-200			PF-18
Surrogate: MPFDoA	*17.3*			ng/L	35.94		**48.3**	*	50-200			PF-18
Batch B417156 - EPA 533												
Blank (B417156-BLK1)					Prepared: 11/10/25 Analyzed: 11/13/25							
Perfluorobutanoic acid (PFBA)	ND	2.0	0.52	ng/L								
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	0.50	ng/L								
Perfluoropentanoic acid (PFPeA)	ND	2.0	0.44	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.0	0.51	ng/L								
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.74	ng/L								
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.51	ng/L								
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.48	ng/L								
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.95	ng/L								
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	0.39	ng/L								
Perfluorodecanoic acid (PFDA)	ND	2.0	0.64	ng/L								
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.77	ng/L								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.59	ng/L								
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.64	ng/L								
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	0.36	ng/L								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	0.46	ng/L								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.54	ng/L								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.55	ng/L								
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	1.8	ng/L								

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B417156 - EPA 533											
Blank (B417156-BLK1)					Prepared: 11/10/25 Analyzed: 11/13/25						
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.53	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.71	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.60	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	2.0	0.61	ng/L							
Perfluorooctanoic acid (PFOA)	ND	2.0	0.75	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.52	ng/L							
Perfluorononanoic acid (PFNA)	ND	2.0	0.73	ng/L							
Surrogate: M2-4:2FTS	*39.1*			ng/L	37.52		104	50-200			
Surrogate: M2-8:2FTS	*28.4*			ng/L	38.40		74.0	50-200			
Surrogate: MPFBA	*29.5*			ng/L	40.00		73.8	50-200			
Surrogate: M3HFPO-DA	*25.8*			ng/L	40.00		64.5	50-200			
Surrogate: M6PFDA	*21.1*			ng/L	40.00		52.8	50-200			
Surrogate: M3PFBS	*38.8*			ng/L	37.28		104	50-200			
Surrogate: M7PFUnA	*26.8*			ng/L	40.00		67.1	50-200			
Surrogate: M2-6:2FTS	*40.5*			ng/L	38.04		106	50-200			
Surrogate: M5PFPeA	*29.7*			ng/L	40.00		74.2	50-200			
Surrogate: M5PFHxA	*28.3*			ng/L	40.00		70.8	50-200			
Surrogate: M3PFHxS	*40.7*			ng/L	37.92		107	50-200			
Surrogate: M4PFHpA	*27.5*			ng/L	40.00		68.8	50-200			
Surrogate: M8PFOA	*24.6*			ng/L	40.00		61.5	50-200			
Surrogate: M8PFOS	*40.3*			ng/L	38.36		105	50-200			
Surrogate: M9PFNA	*22.0*			ng/L	40.00		55.0	50-200			
Surrogate: MPFDoA	*29.4*			ng/L	40.00		73.4	50-200			
LCS (B417156-BS1)					Prepared: 11/10/25 Analyzed: 11/13/25						
Perfluorobutanoic acid (PFBA)	16.9	2.0	0.52	ng/L	20.00		84.4	70-130			
Perfluorobutanesulfonic acid (PFBS)	15.9	2.0	0.50	ng/L	20.00		79.6	70-130			
Perfluoropentanoic acid (PFPeA)	15.8	2.0	0.44	ng/L	20.00		78.9	70-130			
Perfluorohexanoic acid (PFHxA)	16.2	2.0	0.51	ng/L	20.00		81.1	70-130			
11Cl-PF3OUdS (F53B Major)	15.1	2.0	0.74	ng/L	20.00		75.4	70-130			
9Cl-PF3ONS (F53B Minor)	15.4	2.0	0.51	ng/L	20.00		76.8	70-130			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	15.4	2.0	0.48	ng/L	20.00		77.2	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	15.9	2.0	0.95	ng/L	20.00		79.5	70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	16.8	2.0	0.39	ng/L	20.00		84.2	70-130			
Perfluorodecanoic acid (PFDA)	15.4	2.0	0.64	ng/L	20.00		76.9	70-130			
Perfluorododecanoic acid (PFDoA)	16.2	2.0	0.77	ng/L	20.00		80.8	70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	17.4	2.0	0.59	ng/L	20.00		86.9	70-130			
Perfluoroheptanesulfonic acid (PFHpS)	14.8	2.0	0.64	ng/L	20.00		74.2	70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	17.4	2.0	0.36	ng/L	20.00		86.9	70-130			
Perfluorohexanesulfonic acid (PFHxS)	16.4	2.0	0.46	ng/L	20.00		81.9	70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	15.7	2.0	0.54	ng/L	20.00		78.4	70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	15.8	2.0	0.55	ng/L	20.00		79.0	70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	15.7	2.0	1.8	ng/L	20.00		78.6	70-130			
Perfluoropentanesulfonic acid (PFPeS)	16.5	2.0	0.53	ng/L	20.00		82.3	70-130			
Perfluoroundecanoic acid (PFUnA)	16.9	2.0	0.71	ng/L	20.00		84.3	70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	16.4	2.0	0.60	ng/L	20.00		82.0	70-130			
Perfluoroheptanoic acid (PFHpA)	16.4	2.0	0.61	ng/L	20.00		82.1	70-130			
Perfluorooctanoic acid (PFOA)	16.2	2.0	0.75	ng/L	20.00		80.8	70-130			

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B417156 - EPA 533												
LCS (B417156-BS1)					Prepared: 11/10/25 Analyzed: 11/13/25							
Perfluorooctanesulfonic acid (PFOS)	14.3	2.0	0.52	ng/L	20.00		71.4		70-130			
Perfluorononanoic acid (PFNA)	17.0	2.0	0.73	ng/L	20.00		85.0		70-130			
Surrogate: M2-4:2FTS	*39.6*			ng/L	37.52		106		50-200			
Surrogate: M2-8:2FTS	*30.8*			ng/L	38.40		80.1		50-200			
Surrogate: MPFBA	*17.3*			ng/L	40.00		**43.2**	*	50-200			S-29
Surrogate: M3HFPO-DA	*17.9*			ng/L	40.00		**44.7**	*	50-200			S-29
Surrogate: M6PFDA	*22.0*			ng/L	40.00		55.0		50-200			
Surrogate: M3PFBS	*38.5*			ng/L	37.28		103		50-200			
Surrogate: M7PFUnA	*23.8*			ng/L	40.00		59.6		50-200			
Surrogate: M2-6:2FTS	*41.3*			ng/L	38.04		109		50-200			
Surrogate: M5PFPeA	*19.3*			ng/L	40.00		**48.3**	*	50-200			S-29
Surrogate: M5PFHxA	*19.6*			ng/L	40.00		**48.9**	*	50-200			S-29
Surrogate: M3PFHxS	*39.6*			ng/L	37.92		105		50-200			
Surrogate: M4PFHpA	*20.0*			ng/L	40.00		**49.9**	*	50-200			S-29
Surrogate: M8PFOA	*21.0*			ng/L	40.00		52.5		50-200			
Surrogate: M8PFOS	*40.0*			ng/L	38.36		104		50-200			
Surrogate: M9PFNA	*22.0*			ng/L	40.00		55.0		50-200			
Surrogate: MPFDoA	*26.2*			ng/L	40.00		65.5		50-200			

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
PF-04	Internal standard area <50% of associated calibration standard internal standard area. Re-analysis reported since it yielded similar internal standard non-conformace.
PF-17	Extracted Internal Standard recovery is outside of control limits. Data is not significantly affected since associated analyte is not detected and bias is on the high side.
PF-18	Re-analysis confirmed Extracted Internal Standard failure due to matrix effects.
S-29	Extracted Internal Standard is outside of control limits.

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 533 in Drinking Water	
Perfluorobutanoic acid (PFBA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorobutanesulfonic acid (PFBS)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M
Perfluoropentanoic acid (PFPeA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorohexanoic acid (PFHxA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
11Cl-PF3OUdS (F53B Major)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
9Cl-PF3ONS (F53B Minor)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Hexafluoropropylene oxide dimer acid (HFPO-DA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M
8:2 Fluorotelomersulfonic acid (8:2FTS A)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorodecanoic acid (PFDA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorododecanoic acid (PFDoA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoroheptanesulfonic acid (PFHpS)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
4:2 Fluorotelomersulfonic acid (4:2FTS A)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorohexanesulfonic acid (PFHxS)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M
Perfluoro-4-oxapentanoic acid (PFMPA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoro-5-oxahexanoic acid (PFMBA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
6:2 Fluorotelomersulfonic acid (6:2FTS A)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoropentanesulfonic acid (PFPeS)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoroundecanoic acid (PFUnA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoroheptanoic acid (PFHpA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorooctanoic acid (PFOA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M
Perfluorooctanesulfonic acid (PFOS)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M
Perfluorononanoic acid (PFNA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M
Summation of PFAS 6	CT,OH,LA-DW,WV-DW

Pace Analytical Services, LLC - East Longmeadow, Ma, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2026
NY	New York State Department of Health	10899 NELAP	04/1/2026
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2026
NJ	New Jersey DEP	MA007 NELAP	06/30/2026
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2026
ME	State of Maine	MA00100	06/9/2027
VA	Commonwealth of Virginia	460217	12/14/2025
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2026
OH	Ohio Environmental Protection Agency	87781	04/1/2026
LA-DW	State of Louisiana Dept of Health/Office of Public Health	LA042	12/31/2025
MD-DW	Maryland Dept of the Env Water Supply Program	373	06/30/2026
WV-DW	West Virginia Dept. of Health	9979C	01/31/2026

2551239

Pace Analytical

Phone: 413-525-2332
39 Spruce St
East Longmeadow, MA 01028

https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: NYS DEC	Consultant: EAR/LaBella
Consultant Address:	225 Atlantic Ave, Patchogue, NY
Consultant Phone:	631-447-6900
Callout Project Name:	ANG Base Site
Project Location:	351 Mt. Airy Rd, New Windsor, NY
Callout Number:	151955
Site/Spill Number:	336089
Project Manager:	Jan Hofman
Pace Analytical Quote Name/Number:	
Invoice Recipient:	
Sampled By:	MM

Requested Turnaround Time
- DEC Standard 30-calendar day ☐
- Due Date:

Rush (Prior Approval Required)
- 1-Day ☐ 2-Day ☐ 3-Day ☐
- 4-Day ☐ 5-Day ☐ 10-Day ☒

Data Delivery
- Format: PDF ☐ EXCEL ☐
- Other:
- CLP Like (Level 4) Data Pkg Required: ☐
- Email To:
- Fax To #:

ANALYSIS REQUESTED (Circle Requested Analyses/Reporting List)

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	8260: DER TCL / Oxygenates / CP-51	8270: DER TCL / CP-51	1,4-Dioxane SIM	8082 PCBs	8081 Pesticide	8151 Herbicide	TAL Total Metals	TCLP RCRA 8 Metal	PFAS 1633	PFAS 537 ID	PFAs 533	MS/MSD				# of Containers
																		20	4				[2] Preservation Code
																		0	0				[3] Container Code
																		P	P				
1	A-25	10/16/25	9:40		X	PW	U											X					
2	A-50		9:45															X					
3	A-75		9:50															X					
4	B-25		9:55															X					
5	B-50		10:00															X					
6	B-75		10:05															X					
7	Effluent		10:10															X	X				
8	Influent		10:15															X					
9	MID		10:20															X					
10	Duplicate		—															X					

Dissolved Metals Samples
- ☐ Field Filtered
- ☐ Lab to Filter

Orthophosphate Samples
- ☐ Field Filtered
- ☐ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define) Ammonium Acetate

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
37 compound list

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)		Date/Time: 10/16/25 1500
Received by: (signature)	EAR Sample Fridge	Date/Time: 10/16/25 1500
Relinquished by: (signature)		Date/Time: 10/17-25/1055
Received by: (signature)		Date/Time: 10/17/25 1055
Relinquished by: (signature)		Date/Time: 10/17/25 1800
Received by: (signature)		Date/Time: 10/17 2212

Program & Regulatory Information
- ☐ AWQ STDS
- ☐ NYC Sewer Discharge
- ☐ Part 360 GW (Landfill)
- ☐ NY Restricted Use
- ☐ NY Unrestricted Use
- ☐ NY Part 375
- ☐ NY TOGS
- ☐ NY CP-51
- Other:

Deliverables
- ☐ Enhanced Data Package
- ☐ NYSDEC EQuIS EDD
- ☐ EQuIS (Standard) EDD
- ☐ NY Regulatory EDD
- ☐ NY Regs Hits-Only EDD
- Other: CAT B

NELAC and AIHA-LAP, LLC Accredited

Project Entity
- ☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
- ☐ Federal ☐ 21 J ☐ School
- ☐ City ☐ Brownfield ☐ MBTA

Other
- ☐ Chromatogram
- ☐ *AIHA-LAP,LLC*

PCB ONLY
- ☐ Soxhlet
- ☐ Non Soxhlet

10/18 3:45 21.1.5 10/18/25 0345

Table of Contents

ENV-FRM-ELON-0001 v09_Sample Receiving Checklist

Log In Back-Sheet

Client EAR / Labella

Project ANG Base Site

MCP/RCP Required N/A

Deliverable Package Requirement CAT B

Location 351 Mt. Airy Rd, New Windsor, NY

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time RL / 10.18.25 / 0345

Back-Sheet By / Date / Time RL / 10.18.25 / 1323

Temperature Method gun # 7

WV samples: Yes (see note*) / No (follow normal procedure)

Temp < 6° C Actual Temperature 2.1, 1.5

Rush Samples: Yes / No Notify

Short Hold: Yes / No Notify

Notes regarding Samples/COC outside of SOP:

Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy)
Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☑	☐
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: (N/A)	☐	☐
Samples Chlorinated: (N/A)	☐	☐

Additional Container Notes

**Note: West Virginia requires all samples to have their temperature taken. Note any outliers.*

	Soils				Ambers Glass								Plastics												Vials							Other
	16 (oz)	8 (oz)	4 (oz)	2 (oz)	1L			250mL				100 (mL)	1L		500mL		250mL						80 (mL)	Other	VOA 40mL					20mL		
	C / A	C / A	C / A	C / A	Unp.	HCl	H_2SO_4	Unp.	Phos.	HCl	H_2SO_4	Unp.	Unp.	H_2SO_4	Unp.	H_2SO_4	Unp.	Triz	H_2SO_4	HNO_3	Amm. Ace	NaOH /Zn	Unp.	Bac/ Col	Unp.	HCl	MeOH	DI	$NaHSO_4$	Unp.	HCl	
1																					2											
2																					|										
3																					|										
4																					|										
5																					▽											
6																					2											
7																					6											
8																					2											
9																					2											
10																					2											
11																																
12																																
13																																
14																																
15																																
16																																
17																																
18																																
19																																
20																																

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

January 2, 2026

David Chiusano
NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

Project Location: Orange Co, NY
Client Job Number:
Project Number: 336089
Laboratory Work Order Number: 25L1002

Enclosed are results of analyses for samples as received by the laboratory on December 17, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kyle A. Murray
Project Manager

Table of Contents

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

NYDEC_Environmental Assessment & Remediatior
225 Atlantic Avenue
Patchogue, NY 11772
ATTN: David Chiusano

REPORT DATE: 1/2/2026

PURCHASE ORDER NUMBER: 151958

PROJECT NUMBER: 336089

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25L1002

The results of analyses performed on the following samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, are found in this report.

PROJECT LOCATION: Orange Co, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
INFLUENT	25L1002-01	Drinking Water		EPA 533	
A-25	25L1002-02	Drinking Water		EPA 533	
A-50	25L1002-03	Drinking Water		EPA 533	
A-75	25L1002-04	Drinking Water		EPA 533	
MID	25L1002-05	Drinking Water		EPA 533	
B-25	25L1002-06	Drinking Water		EPA 533	
B-50	25L1002-07	Drinking Water		EPA 533	
B-75	25L1002-08	Drinking Water		EPA 533	
EFFLUENT	25L1002-09	Drinking Water		EPA 533	
DUPLICATE	25L1002-10	Drinking Water		EPA 533	

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA 533

Qualifications:

L-01

Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

6:2 Fluorotelomersulfonic acid (6:2

25L1002-01[INFLUENT], 25L1002-02[A-25], 25L1002-03[A-50], 25L1002-04[A-75], 25L1002-05[MID], 25L1002-07[B-50], 25L1002-08[B-75], 25L1002-09[EFFLUENT], 25L1002-10[DUPLICATE]

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

6:2 Fluorotelomersulfonic acid (6:2

25L1002-06[B-25], B419544-BSD1

PF-18

Re-analysis confirmed Extracted Internal Standard failure due to matrix effects.

Analyte & Samples(s) Qualified:

M3HFPO-DA

25L1002-07[B-50], 25L1002-08[B-75]

M5PFHxA

25L1002-08[B-75]

M5PFPeA

25L1002-08[B-75]

M8PFOA

25L1002-08[B-75]

M9PFNA

25L1002-07[B-50], 25L1002-08[B-75]

MPFBA

25L1002-08[B-75]

S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:

M3HFPO-DA

25L1002-05[MID]

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Technical Representative

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Orange Co, NY | Sample Description: | Work Order: 25L1002

Date Received: 12/17/2025

Field Sample #: INFLUENT | Sampled: 12/15/2025 09:45

Sample ID: 25L1002-01

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	4.2	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluorobutanesulfonic acid (PFBS)	6.8	1.9	0.48		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluoropentanoic acid (PFPeA)	3.6	1.9	0.42		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluorohexanoic acid (PFHxA)	3.2	1.9	0.48		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
11Cl-PF3OUdS	ND	1.9	0.70		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
9Cl-PF3ONS	ND	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.46		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.90		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.37		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluorodecanoic acid (PFDA)	ND	1.9	0.61		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.73		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.56		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.61		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.34		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluorohexanesulfonic acid (PFHxS)	2.0	1.9	0.43		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.51		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.7		ng/L	1	L-01	EPA 533	12/19/25	12/22/25 17:02	NC
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.51		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.68		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.57		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluoroheptanoic acid (PFHpA)	2.1	1.9	0.58		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluorooctanoic acid (PFOA)	7.9	1.9	0.71		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluorooctanesulfonic acid (PFOS)	10	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:02	NC
Perfluorononanoic acid (PFNA)	0.80	1.9	0.69		ng/L	1	J	EPA 533	12/19/25	12/22/25 17:02	NC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	119	50-200		12/22/25 17:02
M2-8:2FTS	113	50-200		12/22/25 17:02
MPFBA	71.9	50-200		12/22/25 17:02
M3HFPO-DA	65.7	50-200		12/22/25 17:02
M6PFDA	79.7	50-200		12/22/25 17:02
M3PFBS	75.4	50-200		12/22/25 17:02
M7PFUnA	79.3	50-200		12/22/25 17:02
M2-6:2FTS	116	50-200		12/22/25 17:02
M5PFPeA	84.0	50-200		12/22/25 17:02
M5PFHxA	68.1	50-200		12/22/25 17:02
M3PFHxS	80.3	50-200		12/22/25 17:02
M4PFHpA	72.5	50-200		12/22/25 17:02
M8PFOA	74.0	50-200		12/22/25 17:02
M8PFOS	80.6	50-200		12/22/25 17:02
M9PFNA	75.0	50-200		12/22/25 17:02
MPFDoA	79.4	50-200		12/22/25 17:02

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Orange Co, NY | Sample Description: | Work Order: 25L1002

Date Received: 12/17/2025

Field Sample #: A-25 | Sampled: 12/15/2025 09:40

Sample ID: 25L1002-02

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	4.1	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluorobutanesulfonic acid (PFBS)	6.2	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluoropentanoic acid (PFPeA)	3.6	1.9	0.43		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluorohexanoic acid (PFHxA)	3.9	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
11Cl-PF3OUdS	ND	1.9	0.72		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
9Cl-PF3ONS	ND	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.47		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.92		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.38		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluorodecanoic acid (PFDA)	ND	1.9	0.62		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.75		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.57		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.62		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.35		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluorohexanesulfonic acid (PFHxS)	1.0	1.9	0.45		ng/L	1	J	EPA 533	12/19/25	12/22/25 17:09	NC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.53		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.54		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.8		ng/L	1	L-01	EPA 533	12/19/25	12/22/25 17:09	NC
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.52		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.58		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluoroheptanoic acid (PFHpA)	2.0	1.9	0.59		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluorooctanoic acid (PFOA)	6.3	1.9	0.73		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluorooctanesulfonic acid (PFOS)	2.9	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC
Perfluorononanoic acid (PFNA)	ND	1.9	0.71		ng/L	1		EPA 533	12/19/25	12/22/25 17:09	NC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	112	50-200		12/22/25 17:09
M2-8:2FTS	109	50-200		12/22/25 17:09
MPFBA	79.7	50-200		12/22/25 17:09
M3HFPO-DA	72.4	50-200		12/22/25 17:09
M6PFDA	86.6	50-200		12/22/25 17:09
M3PFBS	84.9	50-200		12/22/25 17:09
M7PFUnA	86.9	50-200		12/22/25 17:09
M2-6:2FTS	104	50-200		12/22/25 17:09
M5PFPeA	89.1	50-200		12/22/25 17:09
M5PFHxA	77.9	50-200		12/22/25 17:09
M3PFHxS	86.5	50-200		12/22/25 17:09
M4PFHpA	79.6	50-200		12/22/25 17:09
M8PFOA	81.7	50-200		12/22/25 17:09
M8PFOS	83.7	50-200		12/22/25 17:09
M9PFNA	83.4	50-200		12/22/25 17:09
MPFDoA	87.0	50-200		12/22/25 17:09

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Orange Co, NY | Sample Description: | Work Order: 25L1002

Date Received: 12/17/2025

Field Sample #: A-50 | Sampled: 12/15/2025 09:35

Sample ID: 25L1002-03

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	4.6	2.0	0.51		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluorobutanesulfonic acid (PFBS)	4.2	2.0	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluoropentanoic acid (PFPeA)	4.5	2.0	0.43		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluorohexanoic acid (PFHxA)	3.8	2.0	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
11Cl-PF3OUdS	ND	2.0	0.73		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
9Cl-PF3ONS	ND	2.0	0.51		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.48		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.94		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.38		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluorodecanoic acid (PFDA)	ND	2.0	0.63		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.76		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.58		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.63		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.36		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	0.45		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.53		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.55		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.8		ng/L	1	L-01	EPA 533	12/19/25	12/22/25 17:16	NC
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.53		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.70		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.59		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluoroheptanoic acid (PFHpA)	1.2	2.0	0.60		ng/L	1	J	EPA 533	12/19/25	12/22/25 17:16	NC
Perfluorooctanoic acid (PFOA)	1.5	2.0	0.74		ng/L	1	J	EPA 533	12/19/25	12/22/25 17:16	NC
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.51		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC
Perfluorononanoic acid (PFNA)	ND	2.0	0.72		ng/L	1		EPA 533	12/19/25	12/22/25 17:16	NC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	84.8	50-200		12/22/25 17:16
M2-8:2FTS	103	50-200		12/22/25 17:16
MPFBA	79.8	50-200		12/22/25 17:16
M3HFPO-DA	67.1	50-200		12/22/25 17:16
M6PFDA	83.1	50-200		12/22/25 17:16
M3PFBS	84.8	50-200		12/22/25 17:16
M7PFUnA	82.7	50-200		12/22/25 17:16
M2-6:2FTS	89.9	50-200		12/22/25 17:16
M5PFPeA	82.0	50-200		12/22/25 17:16
M5PFHxA	77.3	50-200		12/22/25 17:16
M3PFHxS	87.9	50-200		12/22/25 17:16
M4PFHpA	79.1	50-200		12/22/25 17:16
M8PFOA	80.2	50-200		12/22/25 17:16
M8PFOS	85.7	50-200		12/22/25 17:16
M9PFNA	79.8	50-200		12/22/25 17:16
MPFDoA	85.0	50-200		12/22/25 17:16

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Orange Co, NY | Sample Description: | Work Order: 25L1002

Date Received: 12/17/2025

Field Sample #: A-75 | Sampled: 12/15/2025 09:30

Sample ID: 25L1002-04

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	5.6	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluorobutanesulfonic acid (PFBS)	0.68	1.9	0.48		ng/L	1	J	EPA 533	12/19/25	12/22/25 17:23	NC
Perfluoropentanoic acid (PFPeA)	5.5	1.9	0.42		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluorohexanoic acid (PFHxA)	2.0	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
11Cl-PF3OUdS	ND	1.9	0.71		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
9Cl-PF3ONS	ND	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.46		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.91		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.37		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluorodecanoic acid (PFDA)	ND	1.9	0.62		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.74		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.57		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.62		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.35		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.44		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.52		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.53		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.8		ng/L	1	L-01	EPA 533	12/19/25	12/22/25 17:23	NC
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.51		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.58		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.58		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluorooctanoic acid (PFOA)	ND	1.9	0.72		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC
Perfluorononanoic acid (PFNA)	ND	1.9	0.70		ng/L	1		EPA 533	12/19/25	12/22/25 17:23	NC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	84.8	50-200		12/22/25 17:23
M2-8:2FTS	106	50-200		12/22/25 17:23
MPFBA	72.0	50-200		12/22/25 17:23
M3HFPO-DA	58.7	50-200		12/22/25 17:23
M6PFDA	66.2	50-200		12/22/25 17:23
M3PFBS	86.8	50-200		12/22/25 17:23
M7PFUnA	71.1	50-200		12/22/25 17:23
M2-6:2FTS	90.9	50-200		12/22/25 17:23
M5PFPeA	70.1	50-200		12/22/25 17:23
M5PFHxA	65.9	50-200		12/22/25 17:23
M3PFHxS	90.1	50-200		12/22/25 17:23
M4PFHpA	67.4	50-200		12/22/25 17:23
M8PFOA	67.1	50-200		12/22/25 17:23
M8PFOS	87.8	50-200		12/22/25 17:23
M9PFNA	65.2	50-200		12/22/25 17:23
MPFDoA	72.9	50-200		12/22/25 17:23

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Orange Co, NY | Sample Description: | Work Order: 25L1002

Date Received: 12/17/2025

Field Sample #: MID | Sampled: 12/15/2025 09:25

Sample ID: 25L1002-05

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	8.3	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.48		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluoropentanoic acid (PFPeA)	2.1	1.9	0.42		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
11Cl-PF3OUdS	ND	1.9	0.71		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
9Cl-PF3ONS	ND	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.46		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.91		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.37		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluorodecanoic acid (PFDA)	ND	1.9	0.61		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.74		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.57		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.61		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.35		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.44		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.52		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.53		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.8		ng/L	1	L-01	EPA 533	12/19/25	12/22/25 17:30	NC
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.51		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.68		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.57		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.58		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluorooctanoic acid (PFOA)	ND	1.9	0.72		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC
Perfluorononanoic acid (PFNA)	ND	1.9	0.70		ng/L	1		EPA 533	12/19/25	12/22/25 17:30	NC

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	84.2		50-200		12/22/25 17:30
M2-8:2FTS	110		50-200		12/22/25 17:30
MPFBA	56.7		50-200		12/22/25 17:30
M3HFPO-DA	**48.0**	*	50-200	S-29	12/22/25 17:30
M6PFDA	57.9		50-200		12/22/25 17:30
M3PFBS	88.8		50-200		12/22/25 17:30
M7PFUnA	62.3		50-200		12/22/25 17:30
M2-6:2FTS	95.9		50-200		12/22/25 17:30
M5PFPeA	54.8		50-200		12/22/25 17:30
M5PFHxA	53.8		50-200		12/22/25 17:30
M3PFHxS	91.7		50-200		12/22/25 17:30
M4PFHpA	56.0		50-200		12/22/25 17:30
M8PFOA	57.1		50-200		12/22/25 17:30
M8PFOS	91.1		50-200		12/22/25 17:30
M9PFNA	56.1		50-200		12/22/25 17:30
MPFDoA	70.1		50-200		12/22/25 17:30

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Orange Co, NY | Sample Description: | Work Order: 25L1002

Date Received: 12/17/2025

Field Sample #: B-25 | Sampled: 12/15/2025 09:20

Sample ID: 25L1002-06

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.4	1.9	0.48		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.47		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluoropentanoic acid (PFPeA)	ND	1.9	0.41		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.47		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
11Cl-PF3OUdS	ND	1.9	0.69		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
9Cl-PF3ONS	ND	1.9	0.48		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.88		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.36		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluorodecanoic acid (PFDA)	ND	1.9	0.59		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.71		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.55		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.59		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.33		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.43		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	2.6	1.9	1.7		ng/L	1	L-07	EPA 533	12/19/25	12/22/25 17:37	NC
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.66		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.56		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluorooctanoic acid (PFOA)	ND	1.9	0.70		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.48		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC
Perfluorononanoic acid (PFNA)	ND	1.9	0.68		ng/L	1		EPA 533	12/19/25	12/22/25 17:37	NC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	78.7	50-200		12/22/25 17:37
M2-8:2FTS	94.3	50-200		12/22/25 17:37
MPFBA	72.0	50-200		12/22/25 17:37
M3HFPO-DA	60.9	50-200		12/22/25 17:37
M6PFDA	82.2	50-200		12/22/25 17:37
M3PFBS	82.9	50-200		12/22/25 17:37
M7PFUnA	82.6	50-200		12/22/25 17:37
M2-6:2FTS	85.2	50-200		12/22/25 17:37
M5PFPeA	71.7	50-200		12/22/25 17:37
M5PFHxA	71.2	50-200		12/22/25 17:37
M3PFHxS	84.6	50-200		12/22/25 17:37
M4PFHpA	74.6	50-200		12/22/25 17:37
M8PFOA	76.7	50-200		12/22/25 17:37
M8PFOS	83.7	50-200		12/22/25 17:37
M9PFNA	77.7	50-200		12/22/25 17:37
MPFDoA	84.5	50-200		12/22/25 17:37

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Orange Co, NY | Sample Description: | Work Order: 25L1002

Date Received: 12/17/2025

Field Sample #: B-50 | Sampled: 12/15/2025 09:15

Sample ID: 25L1002-07

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	0.68	1.9	0.50		ng/L	1	J	EPA 533	12/19/25	12/22/25 17:45	NC
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluoropentanoic acid (PFPeA)	ND	1.9	0.43		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
11Cl-PF3OUdS	ND	1.9	0.72		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
9Cl-PF3ONS	ND	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.47		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.92		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.37		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluorodecanoic acid (PFDA)	ND	1.9	0.62		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.75		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.57		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.62		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.35		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.44		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.53		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.54		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.8		ng/L	1	L-01	EPA 533	12/19/25	12/22/25 17:45	NC
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.52		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.58		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.59		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluorooctanoic acid (PFOA)	ND	1.9	0.73		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC
Perfluorononanoic acid (PFNA)	ND	1.9	0.71		ng/L	1		EPA 533	12/19/25	12/22/25 17:45	NC

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	82.7		50-200		12/22/25 17:45
M2-8:2FTS	100		50-200		12/22/25 17:45
MPFBA	50.0		50-200		12/22/25 17:45
M3HFPO-DA	**46.9**	*	50-200	PF-18	12/22/25 17:45
M6PFDA	53.8		50-200		12/22/25 17:45
M3PFBS	85.1		50-200		12/22/25 17:45
M7PFUnA	60.4		50-200		12/22/25 17:45
M2-6:2FTS	88.6		50-200		12/22/25 17:45
M5PFPeA	53.5		50-200		12/22/25 17:45
M5PFHxA	55.8		50-200		12/22/25 17:45
M3PFHxS	87.9		50-200		12/22/25 17:45
M4PFHpA	56.2		50-200		12/22/25 17:45
M8PFOA	54.4		50-200		12/22/25 17:45
M8PFOS	84.7		50-200		12/22/25 17:45
M9PFNA	**49.5**	*	50-200	PF-18	12/22/25 17:45
MPFDoA	69.1		50-200		12/22/25 17:45

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Orange Co, NY | Sample Description: | Work Order: 25L1002

Date Received: 12/17/2025

Field Sample #: B-75 | Sampled: 12/15/2025 09:10

Sample ID: 25L1002-08

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	0.48	1.9	0.48		ng/L	1	J	EPA 533	12/19/25	12/22/25 17:52	NC
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.47		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluoropentanoic acid (PFPeA)	ND	1.9	0.41		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.47		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
11Cl-PF3OUdS	ND	1.9	0.69		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
9Cl-PF3ONS	ND	1.9	0.48		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.88		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.36		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluorodecanoic acid (PFDA)	ND	1.9	0.60		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.72		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.55		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.59		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.33		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.43		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.7		ng/L	1	L-01	EPA 533	12/19/25	12/22/25 17:52	NC
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.66		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.56		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluorooctanoic acid (PFOA)	ND	1.9	0.70		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.48		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC
Perfluorononanoic acid (PFNA)	ND	1.9	0.68		ng/L	1		EPA 533	12/19/25	12/22/25 17:52	NC

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	79.1		50-200		12/22/25 17:52
M2-8:2FTS	95.0		50-200		12/22/25 17:52
MPFBA	**44.6**	*	50-200	PF-18	12/22/25 17:52
M3HFPO-DA	**43.3**	*	50-200	PF-18	12/22/25 17:52
M6PFDA	54.8		50-200		12/22/25 17:52
M3PFBS	82.2		50-200		12/22/25 17:52
M7PFUnA	61.2		50-200		12/22/25 17:52
M2-6:2FTS	88.7		50-200		12/22/25 17:52
M5PFPeA	**47.5**	*	50-200	PF-18	12/22/25 17:52
M5PFHxA	**49.9**	*	50-200	PF-18	12/22/25 17:52
M3PFHxS	85.8		50-200		12/22/25 17:52
M4PFHpA	51.1		50-200		12/22/25 17:52
M8PFOA	**49.2**	*	50-200	PF-18	12/22/25 17:52
M8PFOS	82.6		50-200		12/22/25 17:52
M9PFNA	**46.3**	*	50-200	PF-18	12/22/25 17:52
MPFDoA	70.0		50-200		12/22/25 17:52

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Orange Co, NY | Sample Description: | Work Order: 25L1002

Date Received: 12/17/2025

Field Sample #: EFFLUENT | Sampled: 12/15/2025 09:05

Sample ID: 25L1002-09

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	1.8	0.47		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	0.46		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluoropentanoic acid (PFPeA)	ND	1.8	0.40		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluorohexanoic acid (PFHxA)	ND	1.8	0.47		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
11Cl-PF3OUdS	ND	1.8	0.68		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
9Cl-PF3ONS	ND	1.8	0.47		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.44		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.87		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.35		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluorodecanoic acid (PFDA)	ND	1.8	0.59		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.71		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.54		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.59		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.33		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	0.42		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.51		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.7		ng/L	1	L-01	EPA 533	12/19/25	12/22/25 17:59	NC
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.65		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.55		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluoroheptanoic acid (PFHpA)	ND	1.8	0.56		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluorooctanoic acid (PFOA)	ND	1.8	0.69		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	0.47		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC
Perfluorononanoic acid (PFNA)	ND	1.8	0.67		ng/L	1		EPA 533	12/19/25	12/22/25 17:59	NC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	84.6	50-200		12/22/25 17:59
M2-8:2FTS	92.2	50-200		12/22/25 17:59
MPFBA	75.6	50-200		12/22/25 17:59
M3HFPO-DA	66.9	50-200		12/22/25 17:59
M6PFDA	79.4	50-200		12/22/25 17:59
M3PFBS	88.4	50-200		12/22/25 17:59
M7PFUnA	83.1	50-200		12/22/25 17:59
M2-6:2FTS	85.8	50-200		12/22/25 17:59
M5PFPeA	73.6	50-200		12/22/25 17:59
M5PFHxA	74.8	50-200		12/22/25 17:59
M3PFHxS	90.2	50-200		12/22/25 17:59
M4PFHpA	75.3	50-200		12/22/25 17:59
M8PFOA	75.4	50-200		12/22/25 17:59
M8PFOS	84.6	50-200		12/22/25 17:59
M9PFNA	75.8	50-200		12/22/25 17:59
MPFDoA	86.5	50-200		12/22/25 17:59

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Orange Co, NY | Sample Description: | Work Order: 25L1002

Date Received: 12/17/2025

Field Sample #: DUPLICATE | Sampled: 12/15/2025 00:00

Sample ID: 25L1002-10

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.47		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluoropentanoic acid (PFPeA)	ND	1.9	0.41		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.48		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
11Cl-PF3OUdS	ND	1.9	0.70		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
9Cl-PF3ONS	ND	1.9	0.48		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.89		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.36		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluorodecanoic acid (PFDA)	ND	1.9	0.60		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.73		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.56		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.60		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.34		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.43		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.51		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.7		ng/L	1	L-01	EPA 533	12/19/25	12/22/25 18:06	NC
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.57		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluorooctanoic acid (PFOA)	ND	1.9	0.71		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.49		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC
Perfluorononanoic acid (PFNA)	ND	1.9	0.69		ng/L	1		EPA 533	12/19/25	12/22/25 18:06	NC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	85.4	50-200		12/22/25 18:06
M2-8:2FTS	113	50-200		12/22/25 18:06
MPFBA	66.6	50-200		12/22/25 18:06
M3HFPO-DA	62.6	50-200		12/22/25 18:06
M6PFDA	88.2	50-200		12/22/25 18:06
M3PFBS	89.6	50-200		12/22/25 18:06
M7PFUnA	91.0	50-200		12/22/25 18:06
M2-6:2FTS	94.1	50-200		12/22/25 18:06
M5PFPeA	67.9	50-200		12/22/25 18:06
M5PFHxA	71.2	50-200		12/22/25 18:06
M3PFHxS	93.6	50-200		12/22/25 18:06
M4PFHpA	77.4	50-200		12/22/25 18:06
M8PFOA	81.3	50-200		12/22/25 18:06
M8PFOS	90.9	50-200		12/22/25 18:06
M9PFNA	82.6	50-200		12/22/25 18:06
MPFDoA	89.8	50-200		12/22/25 18:06

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: EPA 533-EPA 533

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25L1002-01 [INFLUENT]	B419544	263	1.00	12/19/25
25L1002-02 [A-25]	B419544	257	1.00	12/19/25
25L1002-03 [A-50]	B419544	252	1.00	12/19/25
25L1002-04 [A-75]	B419544	259	1.00	12/19/25
25L1002-05 [MID]	B419544	260	1.00	12/19/25
25L1002-06 [B-25]	B419544	269	1.00	12/19/25
25L1002-07 [B-50]	B419544	257	1.00	12/19/25
25L1002-08 [B-75]	B419544	268	1.00	12/19/25
25L1002-09 [EFFLUENT]	B419544	272	1.00	12/19/25
25L1002-10 [DUPLICATE]	B419544	265	1.00	12/19/25

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B419544 - EPA 533											
Blank (B419544-BLK1)					Prepared: 12/19/25 Analyzed: 12/22/25						
Perfluorobutanoic acid (PFBA)	ND	2.0	0.52	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	0.50	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	2.0	0.44	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	2.0	0.51	ng/L							
11Cl-PF3OUdS	ND	2.0	0.74	ng/L							
9Cl-PF3ONS	ND	2.0	0.51	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.48	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.95	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	0.39	ng/L							
Perfluorodecanoic acid (PFDA)	ND	2.0	0.64	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.77	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.59	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.64	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	0.36	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	0.46	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.54	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.55	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	1.8	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.53	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.71	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.60	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	2.0	0.61	ng/L							
Perfluorooctanoic acid (PFOA)	ND	2.0	0.75	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.52	ng/L							
Perfluorononanoic acid (PFNA)	ND	2.0	0.73	ng/L							
Surrogate: M2-4:2FTS	*34.5*			ng/L	37.52		91.9	50-200			
Surrogate: M2-8:2FTS	*41.4*			ng/L	38.40		108	50-200			
Surrogate: MPFBA	*31.3*			ng/L	40.00		78.1	50-200			
Surrogate: M3HFPO-DA	*28.6*			ng/L	40.00		71.5	50-200			
Surrogate: M6PFDA	*33.6*			ng/L	40.00		84.0	50-200			
Surrogate: M3PFBS	*31.3*			ng/L	37.28		84.0	50-200			
Surrogate: M7PFUnA	*34.0*			ng/L	40.00		85.1	50-200			
Surrogate: M2-6:2FTS	*35.4*			ng/L	38.04		93.1	50-200			
Surrogate: M5PFPeA	*31.3*			ng/L	40.00		78.1	50-200			
Surrogate: M5PFHxA	*31.2*			ng/L	40.00		78.1	50-200			
Surrogate: M3PFHxS	*33.5*			ng/L	37.92		88.3	50-200			
Surrogate: M4PFHpA	*31.8*			ng/L	40.00		79.6	50-200			
Surrogate: M8PFOA	*31.9*			ng/L	40.00		79.9	50-200			
Surrogate: M8PFOS	*33.1*			ng/L	38.36		86.2	50-200			
Surrogate: M9PFNA	*32.6*			ng/L	40.00		81.6	50-200			
Surrogate: MPFDoA	*34.7*			ng/L	40.00		86.8	50-200			
LCS (B419544-BS1)					Prepared: 12/19/25 Analyzed: 12/22/25						
Perfluorobutanoic acid (PFBA)	24.9	2.0	0.52	ng/L	20.00		124	70-130			
Perfluorobutanesulfonic acid (PFBS)	21.7	2.0	0.50	ng/L	20.00		109	70-130			
Perfluoropentanoic acid (PFPeA)	22.1	2.0	0.44	ng/L	20.00		111	70-130			
Perfluorohexanoic acid (PFHxA)	23.2	2.0	0.51	ng/L	20.00		116	70-130			
11Cl-PF3OUdS	21.7	2.0	0.74	ng/L	20.00		109	70-130			

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B419544 - EPA 533											
LCS (B419544-BS1)					Prepared: 12/19/25 Analyzed: 12/22/25						
9Cl-PF3ONS	22.5	2.0	0.51	ng/L	20.00		113	70-130			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	22.0	2.0	0.48	ng/L	20.00		110	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	23.7	2.0	0.95	ng/L	20.00		118	70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	25.7	2.0	0.39	ng/L	20.00		128	70-130			
Perfluorodecanoic acid (PFDA)	22.0	2.0	0.64	ng/L	20.00		110	70-130			
Perfluorododecanoic acid (PFDoA)	21.1	2.0	0.77	ng/L	20.00		105	70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	23.8	2.0	0.59	ng/L	20.00		119	70-130			
Perfluoroheptanesulfonic acid (PFHpS)	21.6	2.0	0.64	ng/L	20.00		108	70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	24.6	2.0	0.36	ng/L	20.00		123	70-130			
Perfluorohexanesulfonic acid (PFHxS)	22.7	2.0	0.46	ng/L	20.00		114	70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	22.7	2.0	0.54	ng/L	20.00		113	70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	21.3	2.0	0.55	ng/L	20.00		107	70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	23.2	2.0	1.8	ng/L	20.00		116	70-130			
Perfluoropentanesulfonic acid (PFPeS)	22.9	2.0	0.53	ng/L	20.00		114	70-130			
Perfluoroundecanoic acid (PFUnA)	21.5	2.0	0.71	ng/L	20.00		108	70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	23.3	2.0	0.60	ng/L	20.00		116	70-130			
Perfluoroheptanoic acid (PFHpA)	21.6	2.0	0.61	ng/L	20.00		108	70-130			
Perfluorooctanoic acid (PFOA)	23.2	2.0	0.75	ng/L	20.00		116	70-130			
Perfluorooctanesulfonic acid (PFOS)	21.5	2.0	0.52	ng/L	20.00		108	70-130			
Perfluorononanoic acid (PFNA)	23.3	2.0	0.73	ng/L	20.00		117	70-130			
Surrogate: M2-4:2FTS	*33.8*			ng/L	37.52		90.2	50-200			
Surrogate: M2-8:2FTS	*37.0*			ng/L	38.40		96.3	50-200			
Surrogate: MPFBA	*29.9*			ng/L	40.00		74.8	50-200			
Surrogate: M3HFPO-DA	*28.5*			ng/L	40.00		71.2	50-200			
Surrogate: M6PFDA	*35.0*			ng/L	40.00		87.5	50-200			
Surrogate: M3PFBS	*32.4*			ng/L	37.28		86.9	50-200			
Surrogate: M7PFUnA	*36.1*			ng/L	40.00		90.3	50-200			
Surrogate: M2-6:2FTS	*34.3*			ng/L	38.04		90.2	50-200			
Surrogate: M5PFPeA	*29.7*			ng/L	40.00		74.2	50-200			
Surrogate: M5PFHxA	*30.9*			ng/L	40.00		77.2	50-200			
Surrogate: M3PFHxS	*33.6*			ng/L	37.92		88.5	50-200			
Surrogate: M4PFHpA	*31.5*			ng/L	40.00		78.7	50-200			
Surrogate: M8PFOA	*32.3*			ng/L	40.00		80.8	50-200			
Surrogate: M8PFOS	*33.6*			ng/L	38.36		87.5	50-200			
Surrogate: M9PFNA	*33.1*			ng/L	40.00		82.6	50-200			
Surrogate: MPFDoA	*36.4*			ng/L	40.00		91.1	50-200			
LCS Dup (B419544-BSD1)					Prepared: 12/19/25 Analyzed: 12/22/25						
Perfluorobutanoic acid (PFBA)	24.9	2.0	0.52	ng/L	20.00		125	70-130	0.205	50	
Perfluorobutanesulfonic acid (PFBS)	21.6	2.0	0.50	ng/L	20.00		108	70-130	0.407	50	
Perfluoropentanoic acid (PFPeA)	22.3	2.0	0.44	ng/L	20.00		112	70-130	0.966	50	
Perfluorohexanoic acid (PFHxA)	23.0	2.0	0.51	ng/L	20.00		115	70-130	1.14	50	
11Cl-PF3OUdS	21.8	2.0	0.74	ng/L	20.00		109	70-130	0.287	50	
9Cl-PF3ONS	23.4	2.0	0.51	ng/L	20.00		117	70-130	3.87	50	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	21.7	2.0	0.48	ng/L	20.00		109	70-130	1.37	50	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	25.0	2.0	0.95	ng/L	20.00		125	70-130	5.18	50	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	26.0	2.0	0.39	ng/L	20.00		130	70-130	1.37	50	

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B419544 - EPA 533												
LCS Dup (B419544-BSD1)					Prepared: 12/19/25 Analyzed: 12/22/25							
Perfluorodecanoic acid (PFDA)	21.4	2.0	0.64	ng/L	20.00		107		70-130	2.77	50	
Perfluorododecanoic acid (PFDoA)	21.0	2.0	0.77	ng/L	20.00		105		70-130	0.449	50	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	23.5	2.0	0.59	ng/L	20.00		118		70-130	1.25	50	
Perfluoroheptanesulfonic acid (PFHpS)	21.2	2.0	0.64	ng/L	20.00		106		70-130	1.79	50	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	24.7	2.0	0.36	ng/L	20.00		124		70-130	0.523	50	
Perfluorohexanesulfonic acid (PFHxS)	21.9	2.0	0.46	ng/L	20.00		109		70-130	3.87	50	
Perfluoro-4-oxapentanoic acid (PFMPA)	23.0	2.0	0.54	ng/L	20.00		115		70-130	1.38	50	
Perfluoro-5-oxahexanoic acid (PFMBA)	21.9	2.0	0.55	ng/L	20.00		109		70-130	2.54	50	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	28.9	2.0	1.8	ng/L	20.00		**144**	*	70-130	21.9	50	L-07
Perfluoropentanesulfonic acid (PFPeS)	22.8	2.0	0.53	ng/L	20.00		114		70-130	0.417	50	
Perfluoroundecanoic acid (PFUnA)	21.6	2.0	0.71	ng/L	20.00		108		70-130	0.0803	50	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	23.5	2.0	0.60	ng/L	20.00		118		70-130	0.889	50	
Perfluoroheptanoic acid (PFHpA)	21.0	2.0	0.61	ng/L	20.00		105		70-130	3.02	50	
Perfluorooctanoic acid (PFOA)	22.0	2.0	0.75	ng/L	20.00		110		70-130	5.35	50	
Perfluorooctanesulfonic acid (PFOS)	21.8	2.0	0.52	ng/L	20.00		109		70-130	1.21	50	
Perfluorononanoic acid (PFNA)	22.7	2.0	0.73	ng/L	20.00		114		70-130	2.55	50	
Surrogate: M2-4:2FTS	*33.9*			ng/L	37.52		90.3		50-200			
Surrogate: M2-8:2FTS	*41.3*			ng/L	38.40		108		50-200			
Surrogate: MPFBA	*31.1*			ng/L	40.00		77.8		50-200			
Surrogate: M3HFPO-DA	*28.4*			ng/L	40.00		70.9		50-200			
Surrogate: M6PFDA	*34.3*			ng/L	40.00		85.7		50-200			
Surrogate: M3PFBS	*32.2*			ng/L	37.28		86.3		50-200			
Surrogate: M7PFUnA	*35.3*			ng/L	40.00		88.3		50-200			
Surrogate: M2-6:2FTS	*35.6*			ng/L	38.04		93.5		50-200			
Surrogate: M5PFPeA	*31.0*			ng/L	40.00		77.5		50-200			
Surrogate: M5PFHxA	*31.3*			ng/L	40.00		78.2		50-200			
Surrogate: M3PFHxS	*33.8*			ng/L	37.92		89.2		50-200			
Surrogate: M4PFHpA	*32.1*			ng/L	40.00		80.3		50-200			
Surrogate: M8PFOA	*32.5*			ng/L	40.00		81.2		50-200			
Surrogate: M8PFOS	*33.1*			ng/L	38.36		86.2		50-200			
Surrogate: M9PFNA	*33.3*			ng/L	40.00		83.3		50-200			
Surrogate: MPFDoA	*36.3*			ng/L	40.00		90.7		50-200			

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-01	Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
PF-18	Re-analysis confirmed Extracted Internal Standard failure due to matrix effects.
S-29	Extracted Internal Standard is outside of control limits.

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 533 in Drinking Water	
Perfluorobutanoic acid (PFBA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorobutanesulfonic acid (PFBS)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M
Perfluoropentanoic acid (PFPeA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorohexanoic acid (PFHxA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
11Cl-PF3OUdS	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
9Cl-PF3ONS	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Hexafluoropropylene oxide dimer acid (HFPO-DA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M
8:2 Fluorotelomersulfonic acid (8:2FTS A)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorodecanoic acid (PFDA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorododecanoic acid (PFDoA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoroheptanesulfonic acid (PFHpS)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
4:2 Fluorotelomersulfonic acid (4:2FTS A)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorohexanesulfonic acid (PFHxS)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M
Perfluoro-4-oxapentanoic acid (PFMPA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoro-5-oxahexanoic acid (PFMBA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
6:2 Fluorotelomersulfonic acid (6:2FTS A)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoropentanesulfonic acid (PFPeS)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoroundecanoic acid (PFUnA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluoroheptanoic acid (PFHpA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,WV-D
Perfluorooctanoic acid (PFOA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M
Perfluorooctanesulfonic acid (PFOS)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M
Perfluorononanoic acid (PFNA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH,LA-DW,VA,M

Pace Analytical Services, LLC - East Longmeadow, Ma, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2026
NY	New York State Department of Health	10899 NELAP	04/1/2026
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2026
NJ	New Jersey DEP	MA007 NELAP	06/30/2026
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2026
ME	State of Maine	MA00100	06/9/2027
VA	Commonwealth of Virginia	460217	09/30/2026
NC-DW	North Carolina Department of Health and Human Services	25703	07/31/2026
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2026
OH	Ohio Environmental Protection Agency	87781	04/1/2026
LA-DW	State of Louisiana Dept of Health/Office of Public Health	LA042	12/31/2026
MD-DW	Maryland Dept of the Env Water Supply Program	373	06/30/2026
WV-DW	West Virginia Dept. of Health	9979C	01/31/2026

25L1002

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: EAR/NYSDEC
Street Address: 225 Atlantic Avenue, Patchogue, NY 11772
Customer Project #: 336089
Project Name: Stewart ANG Base Site - Kroll
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Ian Hofmann
Phone #: 631.241.8741
E-Mail: IHofmann@enviro-asmnt.com
Cc E-Mail:
Invoice to: NYSDEC
Invoice E-mail:
Purchase Order # (if applicable): DEC/PACE callout# 151958
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Orange Co, NY

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other Cat B

Regulatory Program (DW, RCRA, etc.) as applicable:
Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other 10 DA
Date Results Requested:

DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size**: 3
Identify Container Preservative Type***: 11
Analysis Requested: PFAS By 533

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID		Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PFAS By 533	Sample Comment	Preservation non-conformance identified for sample.
INFLUENT	1	DW	G	121525	0945			2			X		
A-25	2	DW	G	121525	0940			2			X		
A-50	3	DW	G	121525	0935			2			X		
A-75	4	DW	G	121525	0930			2			X		
MID	5	DW	G	121525	0925			2			X		
B-25	6	DW	G	121525	0920			2			X		
B-50	7	DW	G	121525	0915			2			X		
B-75	8	DW	G	121525	0910			2			X		
EFFLUENT	9	DW	G	121525	0905			2			X		
DUPLICATE	10	DW	G	121525	X			2			X		

Additional Instructions from Pace®: preservative = ammonium acetate

CAT 'B' deliverables

Collected By: Printed Name / Signature

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] / EAR 1530	15 DEC 25	EAR SAMPLE STORAGE 1530	15 DEC 25
[signature]	12-16-25/1343	PEP 12/16 1343	
PEP 12/16	1601	12/16	22:20
12/17	[illegible]	[signature] 1.1	12/17/25 345

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Page: of

ENV-FRM-CORQ-0019_v02_110123 ©

ENV-FRM-ELON-0001 v09_Sample Receiving Checklist

Log In Back-Sheet

Client EAR

Project Stewart ANG Base Site

MCP/RCP Required N/A

Deliverable Package Requirement CAT B

Location NY

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time RL 12-17-25 345

Back-Sheet By / Date / Time DS 12-17-25 918

Temperature Method Gun # 6

WV samples: Yes (see note*) / No (follow normal procedure)

Temp ✓ < 6° C Actual Temperature 1.1

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy)
Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH:	N/A	☐	☐
Samples Chlorinated:	N/A	☐	☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

DC#_Title: ENV-FRM-ELON-0157 v01_Sample Receiving Container Sheet

Effective Date:

	Soils				Ambers Glass								Plastics															Vials									Other
	16 (oz)	8 (oz)	4 (oz)	2 (oz)	1L			250mL				100 (mL)	Other	1L		500mL		250mL						125 (mL)	80 (mL)	Encore		8oz	Other		VOA 40mL							20mL		
	C / A	C / A	C / A	C / A	Unp.	HCl	H_2SO_4	Unp.	Phos.	HCl	H_2SO_4	Unp.	8oz-BR	Unp.	H_2SO_4	Unp.	H_2SO_4	Unp.	Triz	H_2SO_4	HNO_3	Amm. Ace	NaOH	NaOH+ZnAce	Unp.	Unp.	25g	5g	Unp.	Bag	Bac/ Col	Unp.	HCl	MeOH	DI	$NaHSO_4$	H_2SO_4	Asc. Acid	Unp.	HCl	
1																						2																	
2																						|																
3																						|																
4																						|																
5																						|																
6																						|																
7																						|																
8																						|																
9																						2																	
10																																						
11																																						
12																																						
13																																						
14																																						
15																																						
16																																						
17																																						
18																																						

Table of Contents