



June 20, 2025

Mr. Stephen A. Bedetti, Supervisor
Town of New Windsor
555 Union Avenue
New Windsor, New York 12553

Re: New Windsor Public Water Supply Well PFAS Sample Results
Butterhill Wellfield, New Windsor (T), Orange County

Dear Supervisor Bedetti:

The New York State Department of Environmental Conservation (DEC) is providing you with a copy of analytical results derived from the **June 4, 2025** sampling of the temporary granular activated carbon (GAC) water treatment system by DEC representatives that was installed at the Town of New Windsor (Town) Butterhill Wellfield located at 181 Forge Hill Road.

The samples were analyzed for polyfluoroalkyl substances (PFAS), including Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS) utilizing EPA Method 533. Data received for the PFAS analysis has been attached.

During this event, sampling for PFAS was conducted at 29 locations.

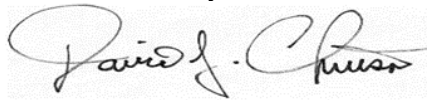
- pre-treatment (combined raw untreated water), which has a “BH20250604PRE-GAC” identifier in the Client Sample ID;
- 25 % treatment (within the lead GAC canister in Pair Train No. 1), which has a “BH20250604-1N-25” identifier in the Client Sample ID;
- 50 % treatment (within the lead GAC canister in Pair Train No. 1), which has a “BH20250604-1N-50” identifier in the Client Sample ID;
- 75 % treatment (within the lead GAC canister in Pair Train No. 1), which has a “BH20250604-1N-75” identifier in the Client Sample ID;
- 25 % treatment (within the lead GAC canister in Pair Train No. 2), which has a “BH20250604-2N-25” identifier in the Client Sample ID;
- 50 % treatment (within the lead GAC canister in Pair Train No. 2), which has a “BH20250604-2N-50” identifier in the Client Sample ID;
- 75 % treatment (within the lead GAC canister in Pair Train No. 2), which has a “BH20250604-2N-75” identifier in the Client Sample ID;
- 25 % treatment (within the lead GAC canister in Pair Train No. 3), which has a “BH20250604-3N-25” identifier in the Client Sample ID;
- 50 % treatment (within the lead GAC canister in Pair Train No. 3), which has a “BH20250604-3N-50” identifier in the Client Sample ID;

- 75 % treatment (within the lead GAC canister in Pair Train No. 3), which has a “BH20250604-3N-75” identifier in the Client Sample ID;
- Butterhill Well No.1 raw untreated water; which has a “BH20250604-1RAW” identifier in the Client Sample ID;
- Butterhill Well No.2 raw untreated water; which has a “BH20250604-2RAW” identifier in the Client Sample ID;
- Butterhill Well No.3 raw untreated water; which has a “BH20250604-3RAW” identifier in the Client Sample ID;
- Post-treatment (treated water after all GAC trains), which has a “BH20250604POST-GAC” identifier in the Client Sample ID.
- mid-treatment (after the first GAC canister in Pair Train No. 1 and prior to the second GAC canister in Pair Train No.1), which has a “BH20250604-1 MID” identifier in the Client Sample ID;
- post-treatment (after the GAC Pair Train 1), which has a “BH20250604-1 POST” identifier in the Client Sample ID;
- mid-treatment (after the first GAC canister in Pair Train No. 2 and prior to the second GAC canister in Pair Train No.2), which has a “BH20250604-2 MID” identifier in the Client Sample ID;
- post-treatment (after the GAC Pair Train 2), which has a “BH20250604-2 POST” identifier in the Client Sample ID;
- mid-treatment (after the first GAC canister in Pair Train No. 3 and prior to the second GAC canister in Pair Train No.3), which has a “BH20250604-3 MID” identifier in the Client Sample ID;
- post-treatment (after the GAC Pair Train 3), which has a “BH20250604-3 POST” identifier in the Client Sample ID;
- 25 % treatment (within the lag GAC canister in Pair Train No. 1), which has a “BH20250604-1S-25” identifier in the Client Sample ID;
- 50 % treatment (within the lag GAC canister in Pair Train No. 1), which has a “BH20250604-1S-50” identifier in the Client Sample ID;
- 75 % treatment (within the lag GAC canister in Pair Train No. 1), which has a “BH20250604-1S-75” identifier in the Client Sample ID;
- 25 % treatment (within the lag GAC canister in Pair Train No. 2), which has a “BH20250604-2S-25” identifier in the Client Sample ID;
- 50 % treatment (within the lag GAC canister in Pair Train No. 2), which has a “BH20250604-2S-50” identifier in the Client Sample ID;
- 75 % treatment (within the lag GAC canister in Pair Train No. 2), which has a “BH20250604-2S-75” identifier in the Client Sample ID;
- 25 % treatment (within the lag GAC canister in Pair Train No. 3), which has a “BH20250604-3S-25” identifier in the Client Sample ID;
- 50 % treatment (within the lag GAC canister in Pair Train No. 3), which has a “BH20250604-3S-50” identifier in the Client Sample ID;
- 75 % treatment (within the lag GAC canister in Pair Train No. 3), which has a “BH20250604-3S-75” identifier in the Client Sample ID;

The 29 locations sampled (and their associated identifiers) are depicted in Figure 1.

If you have any technical questions regarding the analytical results or on the operation and performance of the GAC treatment system, please feel free to contact me or Dana Bryant, P.E., Arcadis (DEC's Project Engineer) at (518) 250-7347 or dana.bryant@arcadis.com . For weekday or off hour / weekend emergency repair issues, please call DEC's contractor, Mike Miller at (631) 447-6400. Ext. 112. For questions regarding site-related health concerns, please contact Steve Gagnon of the Orange County DOH at (845) 291-2331 or Steve Gladding, P.E., Ph.D of the NYSDOH Bureau of Water Supply Protection at (518) 402-7650; email: steven.gladding@health.ny.gov .

Sincerely,



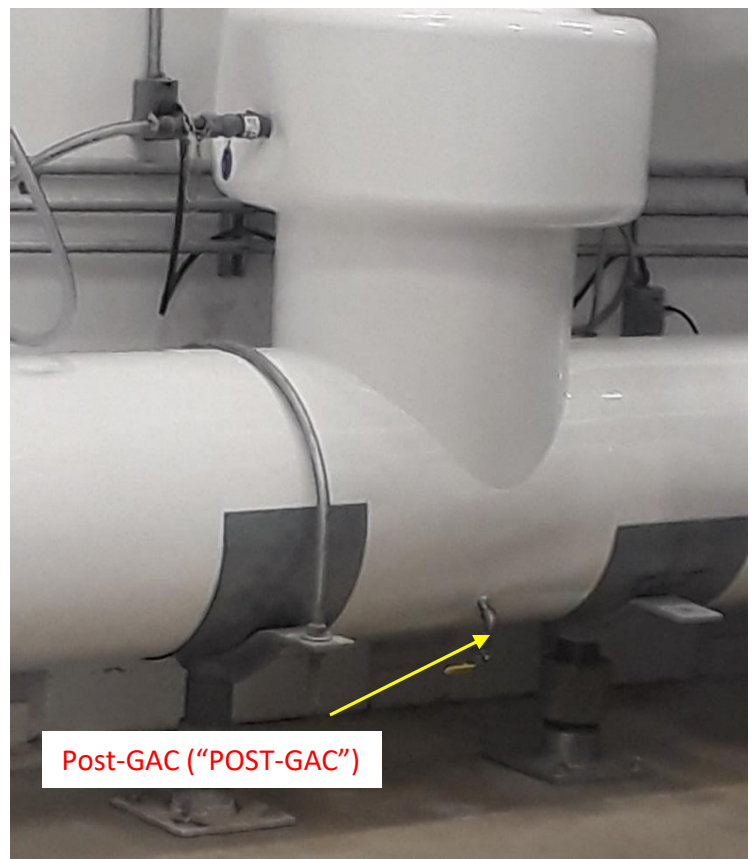
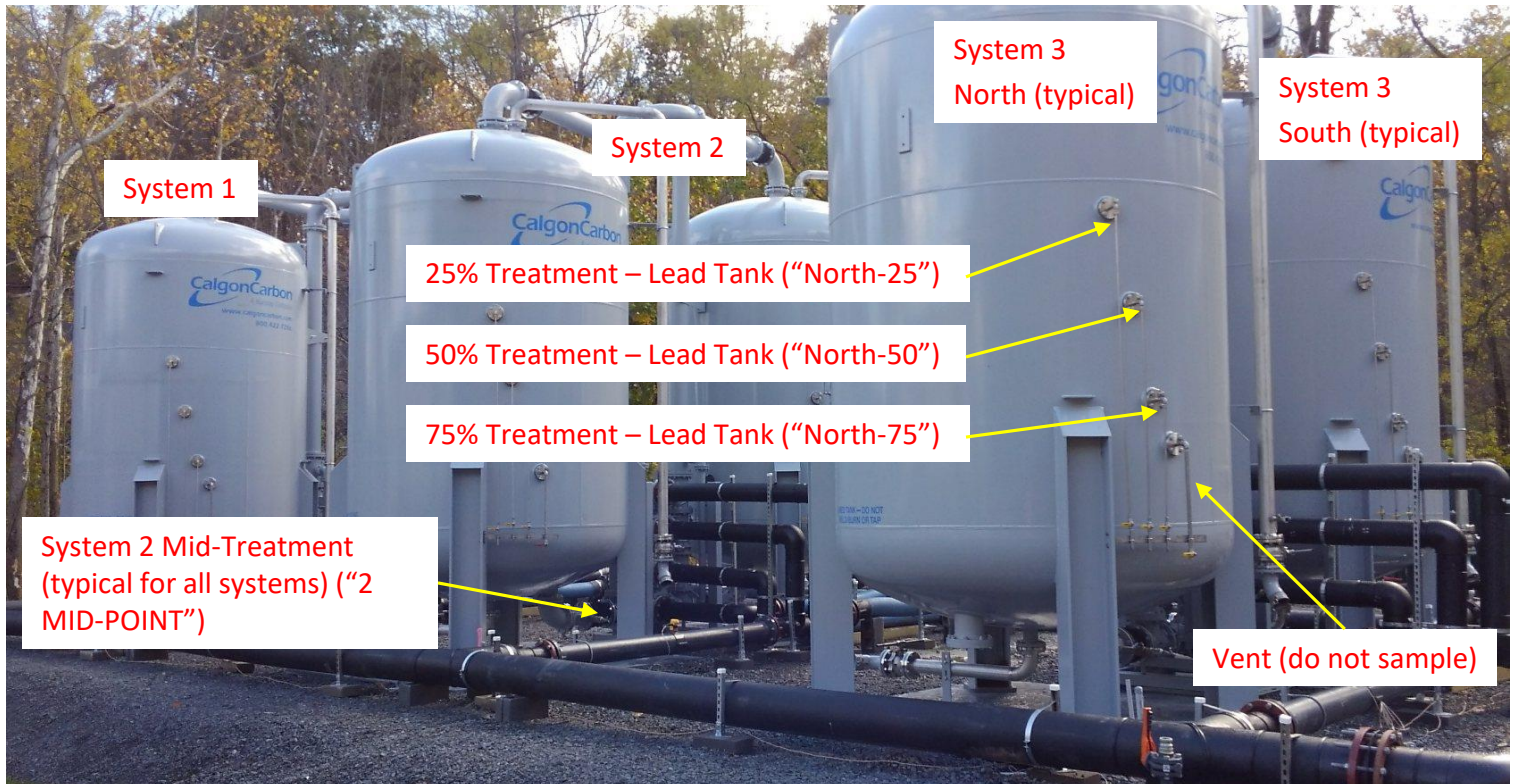
David J. Chiusano
Project Director
Office of the Director
Division of Environmental Remediation

Enclosures

ec: w/enclosures
D. Zagon, Town of New Windsor
J. Egitto, Town of New Windsor
M. Weeks, MHE
S. Gladding, NYSDOH
K. Wheeler, NYSDOH
M. Doroski/K. Kulow, NYSDOH
S. Gagnon, OCDOH
M. Andersen, OCDOH
D. Bryant, Arcadis
D. Harrington, NYSDEC_DER
M. Haggerty, DER
J. Starr, DER
D. Pollack, Region 3 DER
M. Miller, EAR

Figure 1
Sampling Locations

Butterhill Plant Temporary GAC Treatment System



- 25%, 50%, 75% Treatment sample locations repeated on the current Lag “South” Tanks.
- Post-treatment samples for each individual System can be collected after each Lag Tank, mirrored sample location to MID-POINT sample location on Lead Tanks.

TABLE 1 - Town of New Windsor Butterhill Wellfield Temporary GAC Operation and Maintenance PFOA and PFOS Sampling Results * (Parts Per Trillion (PPT))¹

Date	Analyte	Well 1 Raw Water 1RAW	Well 2 Raw Water 2RAW	Well 3 Raw Water 3RAW	Pre GAC Raw Water (Combined) PRE GAC	GAC Pair 1 Lead 25%(North) 1N-25	GAC Pair 1 Lead 50%(North) 1N-50	GAC Pair 1 Lead 75%(North) 1N-75	GAC Pair 2 Lead 25%(North) 2N-25	GAC Pair 2 Lead 50%(North) 2N-50	GAC Pair 2 Lead 75%(North) 2N-75	GAC Pair 3 Lead 25%(North) 3N-25	GAC Pair 3 Lead 50%(North) 3N-50	GAC Pair 3 Lead 75%(North) 3N-75	Post GAC Treated Effluent POST GAC	NYS MCLs ⁴
December 2019 (Well 3)	PFOA	2.6	3.5	5.0	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ⁴
	PFOS	3.7	2.4	8.9	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ⁴
January 2020 (Well 2)	PFOA	2.4	3.5	3.9	3.3	ND	ND	ND	2.2	ND	ND	1.8	ND	ND	ND	10 ⁴
	PFOS	3.3	2.4	7.7	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ⁴
February 2020 (Well 2)	PFOA	3.1	3.9	3.6	3.3	ND	ND	ND	2.7	ND	ND	2.3	ND	ND	ND	10 ⁴
	PFOS	3.6	2.7	6.0	2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ⁴
March 2020 (Well 1)	PFOA	2.5	2.9	2.9	2.5	ND	ND	ND	1.9	ND	ND	ND	ND	ND	ND	10 ⁴
	PFOS	3.6	2.8	5.4	3.3	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND	10 ⁴
April 2020 (Well 1)	PFOA	3.0	3.1	2.8	2.8	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	10 ⁴
	PFOS	3.4	2.2	4.5	3.0	ND	ND	ND	2.0	ND	ND	ND	ND	ND	ND	10 ⁴
May 2020 (Well 3)	PFOA	3.3	NS	3.7	3.1	2.3	ND	ND	2.7	1.8	ND	2.4	ND	ND	ND	10 ⁴
	PFOS	3.8	NS	5.9	5.0	2.9	ND	ND	3.5	1.9	ND	3.0	ND	ND	ND	10 ⁴
August 2020 (Well 3)	PFOA	2.5	2.7	4.3	4.4	4.1	2.8	ND	3.9	3.1	1.8	4.1	2.6	ND	ND	10 ⁴
	PFOS	3.2	2.2	8.1	8.5	6.1	3.0	ND	6.2	3.5	ND	6.6	2.7	ND	ND	10 ⁴
December 2020 (Well 3)	PFOA	NS ⁴	3.2	4.5	4.4	ND ²	ND	ND	1.8	ND	ND	2.0	ND	ND	ND	10 ⁴
	PFOS	NS ⁴	2.5	8.5	7.5	ND ²	ND	ND	1.8	ND	ND	2.1	ND	ND	ND	10 ⁴
March 2021 (Well 3)	PFOA	NS ⁴	NS ⁴	2.9	3.1	5.6	ND	ND	3.6	2.1	ND	2.5	ND	ND	ND	10 ⁴
	PFOS	NS ⁴	NS ⁴	5.3	5.0	12.0	ND	ND	6.6	2.2	ND	4.3	2.1	ND	ND	10 ⁴
June 2021 (Well 3)	PFOA	NS ⁴	NS ⁴	3.1	2.6	2.4	1.9	ND	2.5	2.0	ND	2.4	1.9	ND	ND	10 ⁴
	PFOS	NS ⁴	NS ⁴	5.3	3.8	3.5	2.2	ND	4.4	2.5	ND	4.9	2.6	ND	ND	10 ⁴
September 2021 (Well 1)	PFOA	ND	NS ⁴	3.1	2.3	2.1	ND	ND	2.1	2.0	ND	2.1	ND	ND	ND	10 ⁴
	PFOS	2.1	NS ⁴	5.5	2.9	2.7	ND	ND	3.0	2.0	ND	3.0	1.9	ND	ND	10 ⁴
December 2021 (Well 3**) ⁵	PFOA	NS ⁴	NS ⁴	4.1	3.8	3.7	3.1	2.4	3.4	2.9	2.0	3.7	3.1	2.7	ND	10 ⁴
	PFOS	NS ⁴	NS ⁴	7.8	6.6	5.8	3.7	2.3	5.9	4.3	2.3	5.4	4.5	3.1	ND	10 ⁴
March 2022 (Well 2)	PFOA	2.7	3.5	3.6	3.2	2.9	2.7	2.2	3.2	2.8	2.1	3.1	2.6	2.1	ND	10 ⁴
	PFOS	2.9	3.3	4.2	2.9	2.7	2.1	ND	2.9	2.3	ND	2.6	2.3	ND	ND	10 ⁴
June 2022 (Well 2)	PFOA	3.3	2.9	2.7	2.6	2.6	2.3	2.1	2.8	2.4	2.3	2.6	2.3	2.0	ND	10 ⁴
	PFOS	3.4	3.0	4.3	4.0	3.6	2.3	2.1	3.3	2.9	2.3	3.1	2.8	1.9	ND	10

TABLE 1 Continued - Town of New Windsor Butterhill Wellfield Temporary GAC Operation and Maintenance PFOA and PFOS Sampling Results * (Parts Per Trillion (PPT)) ¹

Date	Analyte	Well 1 Raw Water 1RAW	Well 2 Raw Water 2RAW	Well 3 Raw Water 3RAW	Pre GAC Raw Water (Combined) PRE GAC	GAC Pair 1 Lead 25%(North) 1N-25	GAC Pair 1 Lead 50%(North) 1N-50	GAC Pair 1 Lead 75%(North) 1N-75	GAC Pair 2 Lead 25% (North) 2N-25	GAC Pair 2 Lead 50%(North) 2N-50	GAC Pair 2 Lead 75%(North) 2N-75	GAC Pair 3 Lead 25%(North) 3N-25	GAC Pair 3 Lead 50%(North) 3N-50	GAC Pair 3 Lead 75%(North) 3N-75	Post GAC Treated Effluent POST GAC	NYS MCLs ⁴
March 2023 (Well 2)	PFOA	4.3	4.3	3.8	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ⁴
	PFOS	5.6	5.0	5.8	5.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ⁴
June 2023 (Well 3)	PFOA	4.1	4.2	4.3	3.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ⁴
	PFOS	5.7	5.3	6.8	6.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ⁴
September 2023 (Well 3)	PFOA	3.3	3.5	6.4	5.8	ND	ND	ND	1.8	ND	ND	ND	ND	ND	ND	10 ⁴
	PFOS	6.6	5.3	12	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ⁴
December 2023 (Well 1)	PFOA	3.4	4.0	3.4	10	1.8	ND	ND	2.0	ND	ND	2.1	ND	ND	ND	10 ⁴
	PFOS	5.8	4.7	7.2	7.2	ND	ND	ND	2.5	ND	ND	ND	ND	ND	ND	10 ⁴
March 2024 (Well 2)	PFOA	3.3	4.1	3.6	3.7	2.8	2.1	ND	3.0	2.9	ND	4.0	2.8	ND	ND	10 ⁴
	PFOS	6.8	5.5	5.0	5.0	3.2	2.1	ND	4.5	2.2	ND	3.0	ND	ND	ND	10 ⁴
June 2024 (Well 3)	PFOA	2.9	2.7	3.4	2.9	ND	3.3	2.4	3.0	2.3	2.7	2.7	2.2	2.1	ND	10 ⁴
	PFOS	6.7	5.4	6.2	3.1	ND	4.6	2.3	4.4	2.5	1.2	3.9	2.3	1.5	ND	10 ⁴
September 2024 (Well 3)	PFOA	ND	2.1	2.5	4.4	4.3	3.6	3.1	4.5	3.2	3.2	4.1	2.9	3.1	0.63	10 ⁴
	PFOS	ND	4.4	3.5	7.8	5.0	4.4	3.0	6.8	3.9	2.8	6.5	3.3	2.4	ND	10 ⁴
December 2024 (Well 3)	PFOA	3.3	3.9	4.7	4.7	ND	ND	ND	ND	0.63	ND	ND	ND	ND	ND	10 ⁴
	PFOS	4.6	4.5	5.5	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ⁴
March 2025 (Well 3)	PFOA	3.3	4.1	3.9	3.8	ND	0.66	ND	0.99	0.86	ND	0.67	0.6	ND	0.73	10 ⁴
	PFOS	5.4	6.6	5.5	6.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ⁴
June 2025 (Well 3)**	PFOA	3.5	3.4	3.1	3.6	0.95	0.78	ND	1.3	1.0	ND	1.1	ND	ND	ND	10 ⁴
	PFOS	5.4	6.2	5.8	6.2	0.58	0.54	ND	1.0	ND	ND	0.83	ND	ND	ND	10 ⁴

Notes:

- * Method 533 List Analysis
- ** At the time of sampling (06/04/2025) Production Well 3 was feeding the plant. Last GAC change completed in October 2024 on all 3 lead (north) vessels.
1. PFOS and PFOA results and comparison values are reported in parts per trillion (ppt, nanograms per liter, ng/l).
2. "ND" means non-detect. The analyte was not detected in the sample.
3. The NYS maximum contaminant levels (MCLs) are 10 ppt for PFOS and 10 ppt for PFOA.
4. NS: Not Sampled
5. Con-Test (a Pace Laboratory) began analyzing drinking water samples starting with December 2021 sampling event.

TABLE 2 - Town of New Windsor Butterhill Wellfield Temporary GAC Operation and Maintenance PFOA and PFOS Sampling Results * (Parts Per Trillion (PPT))¹

Date	Analyte	GAC Pair 1 Mid-Point 1MID	GAC Pair 1 Post 1POST	GAC Pair 1 Lag 25%(South) 1S-25	GAC Pair 1 Lag 50% (South) 1S-50	GAC Pair 1 Lag 75%(South) 1S-75	GAC Pair 2 Mid-Point 2MID	GAC Pair 2 Post 2POST	GAC Pair 2 Lag 25% (South) 2S-25	GAC Pair 2 Lag 50%(South) 2S-50	GAC Pair 2 Lag 75%(South) 2S-75	GAC Pair 3 Mid-Point 3MID	GAC Pair 3 Post 3POST	GAC Pair 3 Lag 25%(South) 3S-25	GAC Pair 3 Lag 50%(South) 3S-50	GAC Pair 3 Lag 75%(South) 3S-25	NYS MCLs ³
February 2020 (Well 2)	PFOA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
March 2020 (Well 1)	PFOA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
April 2020 (Well 1)	PFOA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
May 2020 (Well 3)	PFOA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
August 2020 (Well 3)	PFOA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
December 2020 (Well 3)	PFOA	ND	ND	NS	NS	NS	ND	ND	NS	NS	NS	ND	ND	NS	NS	NS	10 ³
	PFOS	ND	ND	NS	NS	NS	ND	ND	NS	NS	NS	ND	ND	NS	NS	NS	10 ³
March 2021 (Well 3)	PFOA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
June 2021 (Well 3)	PFOA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
September 2021 (Well 1)	PFOA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
December 2021 (Well 3**) ⁵	PFOA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	2.2	ND	ND	2.1	ND	ND	ND	ND	2.1	ND	ND	ND	ND	10 ³
March 2022 (Well 2)	PFOA	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
June 2022 (Well 2)	PFOA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
September 2022 (Well 3)	PFOA	3.7	ND	2.9	2.1	ND	3.5	ND	2.2	1.9	ND	3.2	ND	2.6	ND	ND	10 ³
	PFOS	3.9	ND	1.9	ND	ND	4.2	ND	ND	ND	ND	3.4	ND	ND	ND	ND	10 ³
December 2022 (Well 2)	PFOA	ND	ND	2.8	ND	ND	ND	ND	2.7	ND	ND	ND	ND	2.5	ND	ND	10 ³
	PFOS	ND	ND	2.2	ND	ND	ND	ND	2.3	ND	ND	ND	ND	2.3	ND	ND	10 ³
March 2023 (Well 2)	PFOA	ND	ND	3.5	2.8	ND	1.8	ND	3.8	3.2	ND	ND	ND	3.7	2.8	1.9	10 ³
	PFOS	ND	ND	9.0	2.6	ND	ND	ND	4.4	2.0	ND	ND	ND	3.4	2.3	ND	10 ³

TABLE 2 Continued - Town of New Windsor Butterhill Wellfield Temporary GAC Operation and Maintenance PFOA and PFOS Sampling Results * (Parts Per Trillion (PPT))¹

Date	Analyte	GAC Pair 1 Mid-Point 1MID	GAC Pair 1 Post 1POST	GAC Pair 1 Lag 25%(South) 1S-25	GAC Pair 1 Lag 50% (South) 1S-50	GAC Pair 1 Lag 75%(South) 1S-75	GAC Pair 2 Mid-Point 2MID	GAC Pair 2 Post 2POST	GAC Pair 2 Lag 25% (South) 2S-25	GAC Pair 2 Lag 50%(South) 2S-50	GAC Pair 2 Lag 75%(South) 2S-75	GAC Pair 3 Mid-Point 3MID	GAC Pair 3 Post 3POST	GAC Pair 3 Lag 25%(South) 3S-25	GAC Pair 3 Lag 50%(South) 3S-50	GAC Pair 3 Lag 75%(South) 3S-25	NYS MCLs ³
June 2023 (Well 3)	PFOA	2.0	ND	3.1	3.3	2.3	1.9	ND	3.2	2.9	2.4	2.4	ND	4.4	3.6	2.9	10 ³
	PFOS	2.2	ND	5.2	4.2	2.9	2.2	ND	5.7	3.9	2.7	2.0	ND	5.9	4.9	2.6	10 ³
September 2023 (Well 3)	PFOA	3.2	ND	4.3	3.3	2.3	3.6	ND	3.0	2.0	1.9	3.5	ND	4.5	2.7	2.3	10 ³
	PFOS	3.4	ND	6.8	4.8	2.6	4.2	ND	4.9	3.6	2.5	3.5	ND	5.2	4.1	2.7	10 ³
December 2023 (Well 1)	PFOA	NS	ND	NS	NS	NS	NS	ND	NS	NS	NS	NS	ND	NS	NS	NS	10 ³
	PFOS	NS	ND	NS	NS	NS	NS	ND	NS	NS	NS	NS	ND	NS	NS	NS	10 ³
March 2024 (Well 2)**	PFOA	ND	ND	2.0	ND	ND	ND	ND	ND	ND	ND	2.0	ND	ND	ND	ND	10 ³
	PFOS	ND	ND	3.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 ³
June 2024 (Well 3)	PFOA	2.2	ND	ND	ND	ND	1.8	0.63	ND	ND	0.96	1.5	ND	0.69	1.2	ND	10 ³
	PFOS	2.0	ND	ND	ND	ND	1.2	ND	ND	ND	ND	1.1	ND	ND	ND	ND	10 ³
September 2024 (Well 3)	PFOA	2.3	ND	1.5	0.99	0.91	2.7	ND	1.4	0.96	ND	2.5	ND	1.6	1.9	1.3	10 ³
	PFOS	1.7	ND	ND	ND	ND	1.4	ND	ND	ND	ND	2.1	ND	ND	2.3	ND	10 ³
December 2024 (Well 3)	PFOA	ND	1.1	2.9	2.9	1.3	ND	1.0	3.6	3.1	1.1	ND	0.79	3.1	2.2	0.64	10 ³
	PFOS	ND	ND	4.0	2.1	ND	ND	0.97	4.7	2.1	ND	ND	ND	3.5	1.4	ND	10 ³
March 2025 (Well 3)	PFOA	1.5	ND	3.4	2.6	1.8	1.5	ND	3.5	2.6	1.8	1.4	ND	3.2	2.2	1.8	10 ³
	PFOS	1.6	ND	4.4	2.9	1.5	1.3	ND	5.3	2.8	1.3	0.95	ND	4.0	2.2	ND	10 ³
June 2025 (Well 3) **	PFOA	1.9	ND	2.6	2.7	2.2	2.0	ND	3.5	3.2	2.1	1.4	ND	2.7	2.5	1.9	10 ³
	PFOS	1.9	ND	4.3	3.6	2.7	1.8	ND	6.3	4.5	2.3	1.8	ND	3.5	3.6	2.1	10 ³

Notes:
* Method 533 List Analysis
** At the time of sampling (06/04/2025) Production Well 3 was feeding the plant. Last GAC change completed in October 2024 on all 3 lead (north) vessels

1. PFOS and PFOA results and comparison values are reported in parts per trillion (ppt, nanograms per liter, ng/l).
2. "ND" means non-detect. The analyte was not detected in the sample.
3. The NYS maximum contaminant levels (MCLs) are 10 ppt for PFOS and 10 ppt for PFOA.
4. NS: Not Sampled
5. Con-Test (a Pace Laboratory) began analyzing drinking water samples starting with December 2021 sampling event.

How to Read Your Laboratory Reports

PFOA and PFOS Results:

- Analyte is the term used to describe what the laboratory was testing for, in this case PFOS and PFOA.
- Conc. (ng/l) is your result for PFOS and PFOA. In your case, no PFOS and PFOA were detected, thus ND or “non-detect” or <2.0 ng/l was reported. (ng/l = ppt)
- RL = reporting limit or RDL = reportable detection limit is the lowest level at which this specific testing protocol and laboratory has confidence in measuring the given analyte.
- Qualifiers are added information to help understand the quality of the data. Often, if something about the results or the calibration of the testing equipment was irregular, it would be reported here.

All other columns represent laboratory quality control information. The laboratory calibrates its equipment against a precise quantity of the chemical in order to ensure that the equipment is functioning properly. Some laboratory reports may not have all this information.

- Labeled Standard or Surrogate is the lab’s specific name for an individual control sample.
- %R is the percent of the control sample that was detected by the equipment. A 100% reading represents perfect equipment alignment.
- LCL-UCL is the lower concentration limit (LCL) and upper concentration limit (UCL). The LCL represents the lowest acceptable %R value and the UCL represent the highest acceptable %R value required to ensure your result is accurate.
- Qualifiers: If a result quality control variance is noted or if the %R value of any of the control samples were outside the allowable range that would have been noted in this last column. This gives the analyst less confidence in the measured value.

The analysis for PFOS and PFOA is performed using modified EPA Method 537. The laboratory may report a detection of PFOS and PFOA down to approximately 2.0 nanograms per liter (ng/l) or parts per trillion (ppt).

Sec Goal is the EPA nomenclature for all contaminants that have regulatory levels set based on aesthetics (for example, taste or color). DOH recognizes these EPA secondary goals as primary standards and enforces its drinking water quality program accordingly.

- Date/Time represents the date and time of the analysis at the lab.
- By refers to the technician who ran the test.
- Reference indicates the EPA method used in the test.



June 18, 2025

David Chiusano
NYDEC_Arcadis US, Inc. - Clifton Park-NY
855 Route 146, Suite 210
Clifton Park, NY 12065

Project Location: New Windsor, New York
Client Job Number:
Project Number: 336089
Laboratory Work Order Number: 25F0358

Enclosed are results of analyses for samples as received by the laboratory on June 5, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. McCarthy".

Raymond J. McCarthy
Project Manager

Table of Contents

Sample Summary	3
Case Narrative	4
Sample Results	5
25F0358-01	5
25F0358-02	6
25F0358-03	7
25F0358-04	8
25F0358-05	9
25F0358-06	10
25F0358-07	11
25F0358-08	12
25F0358-09	13
25F0358-10	14
Sample Preparation Information	15
QC Data	16
Semivolatile Organic Compounds by - LC/MS-MS	16
B407203	16
Flag/Qualifier Summary	19
Certifications	20
Chain of Custody/Sample Receipt	21



Pace Analytical Services, LLC - East Longmeadow, Ma

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

NYDEC_Arcadis US, Inc. - Clifton Park-NY
855 Route 146, Suite 210
Clifton Park, NY 12065
ATTN: David Chiusano

REPORT DATE: 6/18/2025

PURCHASE ORDER NUMBER: 151957

PROJECT NUMBER: 336089

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25F0358

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: New Windsor, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
BH20250604- 3N-50	25F0358-01	Drinking Water		EPA 533	
BH20250604- 3N-75	25F0358-02	Drinking Water		EPA 533	
BH20250604- 3POST	25F0358-03	Drinking Water		EPA 533	
BH20250604- 3S-25	25F0358-04	Drinking Water		EPA 533	
BH20250604- 3S-50	25F0358-05	Drinking Water		EPA 533	
BH20250604- 3S-75	25F0358-06	Drinking Water		EPA 533	
BH20250604- 3MID	25F0358-07	Drinking Water		EPA 533	
BH20250604- 1RAW	25F0358-08	Drinking Water		EPA 533	
BH20250604- 2RAW	25F0358-09	Drinking Water		EPA 533	
BH20250604- 3RAW	25F0358-10	Drinking Water		EPA 533	

**CASE NARRATIVE SUMMARY**

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

For method EPA 533, a Field Reagent Blank was not submitted for analysis.

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.

A handwritten signature in black ink, appearing to read "Lisa Worthington", written over a light pink rectangular background.

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: New Windsor, New York

Sample Description:

Work Order: 25F0358

Date Received: 6/5/2025

Field Sample #: BH20250604- 3N-50

Sampled: 6/4/2025 00:00

Sample ID: 25F0358-01

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)	5.9	1.9	0.48		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluorobutanesulfonic acid (PFBS)	1.0	1.9	0.46		ng/L	1	J	EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluoropentanoic acid (PFPeA)	5.0	1.9	0.41		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluorohexanoic acid (PFHxA)	1.8	1.9	0.47		ng/L	1	J	EPA 533	6/16/25	6/17/25 12:28	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.69		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.88		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.59		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.71		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.54		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.59		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.33		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluorohexanesulfonic acid (PFHxS)	0.54	1.9	0.42		ng/L	1	J	EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.50		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.66		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.55		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluoroheptanoic acid (PFHpA)	0.74	1.9	0.56		ng/L	1	J	EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.70		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.48		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.68		ng/L	1		EPA 533	6/16/25	6/17/25 12:28	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	72.1	50-200	6/17/25 12:28
M2-8:2FTS	97.1	50-200	6/17/25 12:28
MPFBA	87.1	50-200	6/17/25 12:28
M3HFPO-DA	58.6	50-200	6/17/25 12:28
M6PFDA	99.8	50-200	6/17/25 12:28
M3PFBS	103	50-200	6/17/25 12:28
M7PFUnA	104	50-200	6/17/25 12:28
M2-6:2FTS	150	50-200	6/17/25 12:28
M5PFPeA	86.6	50-200	6/17/25 12:28
M5PFHxA	87.0	50-200	6/17/25 12:28
M3PFHxS	94.9	50-200	6/17/25 12:28
M4PFHpA	87.3	50-200	6/17/25 12:28
M8PFOA	99.1	50-200	6/17/25 12:28
M8PFOS	106	50-200	6/17/25 12:28
M9PFNA	103	50-200	6/17/25 12:28
MPFDoA	95.6	50-200	6/17/25 12:28



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0358

Date Received: 6/5/2025

Field Sample #: BH20250604- 3N-75

Sampled: 6/4/2025 00:00

Sample ID: 25F0358-02

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)	6.7	1.9	0.50		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluorobutanesulfonic acid (PFBS)	0.53	1.9	0.48		ng/L	1	J	EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluoropentanoic acid (PFPeA)	4.0	1.9	0.42		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluorohexanoic acid (PFHxA)	0.93	1.9	0.49		ng/L	1	J	EPA 533	6/16/25	6/17/25 12:35	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.72		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.50		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.47		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.92		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.37		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.62		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.74		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.57		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.62		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.35		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.44		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.53		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.8		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.58		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.59		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.73		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.50		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.71		ng/L	1		EPA 533	6/16/25	6/17/25 12:35	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	72.0	50-200	6/17/25 12:35
M2-8:2FTS	97.8	50-200	6/17/25 12:35
MPFBA	89.9	50-200	6/17/25 12:35
M3HFPO-DA	59.9	50-200	6/17/25 12:35
M6PFDA	99.6	50-200	6/17/25 12:35
M3PFBS	110	50-200	6/17/25 12:35
M7PFUnA	106	50-200	6/17/25 12:35
M2-6:2FTS	149	50-200	6/17/25 12:35
M5PFPeA	85.5	50-200	6/17/25 12:35
M5PFHxA	88.1	50-200	6/17/25 12:35
M3PFHxS	101	50-200	6/17/25 12:35
M4PFHpA	89.2	50-200	6/17/25 12:35
M8PFOA	104	50-200	6/17/25 12:35
M8PFOS	110	50-200	6/17/25 12:35
M9PFNA	104	50-200	6/17/25 12:35
MPFDoA	102	50-200	6/17/25 12:35



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0358

Date Received: 6/5/2025

Field Sample #: BH20250604- 3POST

Sampled: 6/4/2025 00:00

Sample ID: 25F0358-03

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)	6.1	1.9	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluorobutanesulfonic acid (PFBS)	0.58	1.9	0.47		ng/L	1	J	EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluoropentanoic acid (PFPeA)	3.7	1.9	0.42		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluorohexanoic acid (PFHxA)	1.0	1.9	0.48		ng/L	1	J	EPA 533	6/16/25	6/17/25 12:42	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.70		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.46		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.90		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.37		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.61		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.73		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.56		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.61		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.43		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.51		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.57		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.57		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.71		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.69		ng/L	1		EPA 533	6/16/25	6/17/25 12:42	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	60.3	50-200	6/17/25 12:42
M2-8:2FTS	105	50-200	6/17/25 12:42
MPFBA	93.2	50-200	6/17/25 12:42
M3HFPO-DA	66.2	50-200	6/17/25 12:42
M6PFDA	109	50-200	6/17/25 12:42
M3PFBS	111	50-200	6/17/25 12:42
M7PFUnA	113	50-200	6/17/25 12:42
M2-6:2FTS	140	50-200	6/17/25 12:42
M5PFPeA	89.5	50-200	6/17/25 12:42
M5PFHxA	88.2	50-200	6/17/25 12:42
M3PFHxS	106	50-200	6/17/25 12:42
M4PFHpA	88.6	50-200	6/17/25 12:42
M8PFOA	106	50-200	6/17/25 12:42
M8PFOS	120	50-200	6/17/25 12:42
M9PFNA	107	50-200	6/17/25 12:42
MPFDoA	111	50-200	6/17/25 12:42



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0358

Date Received: 6/5/2025

Field Sample #: BH20250604- 3S-25

Sampled: 6/4/2025 00:00

Sample ID: 25F0358-04

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL		Units	DF	Flag/Qual	Method	Date	Date/Time	Analyst
			DL	MA ORSG					Prepared	Analyzed	
Perfluorobutanoic acid (PFBA)	6.0	2.0	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluorobutanesulfonic acid (PFBS)	2.5	2.0	0.51		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluoropentanoic acid (PFPeA)	5.8	2.0	0.44		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluorohexanoic acid (PFHxA)	3.4	2.0	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.75		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.96		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	0.39		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.65		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.78		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	2.0	0.60		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.65		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	0.36		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluorohexanesulfonic acid (PFHxS)	4.6	2.0	0.46		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.55		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.56		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	1.9		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.80	2.0	0.54		ng/L	1	J	EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.72		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.61		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluoroheptanoic acid (PFHpA)	2.0	2.0	0.62		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluorooctanoic acid (PFOA)	2.7	2.0	0.76		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluorooctanesulfonic acid (PFOS)	3.5	2.0	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	0.74		ng/L	1		EPA 533	6/16/25	6/17/25 12:50	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	76.6	50-200	6/17/25 12:50
M2-8:2FTS	105	50-200	6/17/25 12:50
MPFBA	98.7	50-200	6/17/25 12:50
M3HFPO-DA	56.4	50-200	6/17/25 12:50
M6PFDA	99.0	50-200	6/17/25 12:50
M3PFBS	114	50-200	6/17/25 12:50
M7PFUnA	107	50-200	6/17/25 12:50
M2-6:2FTS	149	50-200	6/17/25 12:50
M5PFPeA	105	50-200	6/17/25 12:50
M5PFHxA	94.1	50-200	6/17/25 12:50
M3PFHxS	111	50-200	6/17/25 12:50
M4PFHpA	94.2	50-200	6/17/25 12:50
M8PFOA	107	50-200	6/17/25 12:50
M8PFOS	121	50-200	6/17/25 12:50
M9PFNA	98.5	50-200	6/17/25 12:50
MPFDoA	105	50-200	6/17/25 12:50



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0358

Date Received: 6/5/2025

Field Sample #: BH20250604- 3S-50

Sampled: 6/4/2025 00:00

Sample ID: 25F0358-05

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)	6.8	2.0	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluorobutanesulfonic acid (PFBS)	2.4	2.0	0.51		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluoropentanoic acid (PFPeA)	5.6	2.0	0.45		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluorohexanoic acid (PFHxA)	3.5	2.0	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.75		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.96		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	0.39		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.65		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.78		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	2.0	0.60		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.65		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	0.37		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluorohexanesulfonic acid (PFHxS)	4.0	2.0	0.47		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.55		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.56		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	1.9		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.79	2.0	0.54		ng/L	1	J	EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.72		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.61		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluoroheptanoic acid (PFHpA)	1.6	2.0	0.62		ng/L	1	J	EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluorooctanoic acid (PFOA)	2.5	2.0	0.77		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluorooctanesulfonic acid (PFOS)	3.6	2.0	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	0.74		ng/L	1		EPA 533	6/16/25	6/17/25 12:57	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	65.9	50-200	6/17/25 12:57
M2-8:2FTS	93.5	50-200	6/17/25 12:57
MPFBA	89.0	50-200	6/17/25 12:57
M3HFPO-DA	54.6	50-200	6/17/25 12:57
M6PFDA	101	50-200	6/17/25 12:57
M3PFBS	103	50-200	6/17/25 12:57
M7PFUnA	103	50-200	6/17/25 12:57
M2-6:2FTS	140	50-200	6/17/25 12:57
M5PFPeA	93.2	50-200	6/17/25 12:57
M5PFHxA	86.5	50-200	6/17/25 12:57
M3PFHxS	94.8	50-200	6/17/25 12:57
M4PFHpA	86.3	50-200	6/17/25 12:57
M8PFOA	103	50-200	6/17/25 12:57
M8PFOS	103	50-200	6/17/25 12:57
M9PFNA	103	50-200	6/17/25 12:57
MPFDoA	95.7	50-200	6/17/25 12:57



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0358

Date Received: 6/5/2025

Field Sample #: BH20250604- 3S-75

Sampled: 6/4/2025 00:00

Sample ID: 25F0358-06

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)	6.1	1.9	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluorobutanesulfonic acid (PFBS)	2.0	1.9	0.48		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluoropentanoic acid (PFPeA)	4.9	1.9	0.42		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluorohexanoic acid (PFHxA)	3.5	1.9	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.71		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.46		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.91		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.37		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.61		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.74		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.56		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.61		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluorohexanesulfonic acid (PFHxS)	2.4	1.9	0.44		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.53		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.8		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.51		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.68		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.57		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluoroheptanoic acid (PFHpA)	1.7	1.9	0.58		ng/L	1	J	EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluorooctanoic acid (PFOA)	1.9	1.9	0.72		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluorooctanesulfonic acid (PFOS)	2.1	1.9	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.70		ng/L	1		EPA 533	6/16/25	6/17/25 13:04	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	59.9	50-200	6/17/25 13:04
M2-8:2FTS	97.5	50-200	6/17/25 13:04
MPFBA	90.4	50-200	6/17/25 13:04
M3HFPO-DA	52.8	50-200	6/17/25 13:04
M6PFDA	92.8	50-200	6/17/25 13:04
M3PFBS	105	50-200	6/17/25 13:04
M7PFUnA	98.4	50-200	6/17/25 13:04
M2-6:2FTS	139	50-200	6/17/25 13:04
M5PFPeA	94.7	50-200	6/17/25 13:04
M5PFHxA	83.0	50-200	6/17/25 13:04
M3PFHxS	108	50-200	6/17/25 13:04
M4PFHpA	85.4	50-200	6/17/25 13:04
M8PFOA	85.5	50-200	6/17/25 13:04
M8PFOS	109	50-200	6/17/25 13:04
M9PFNA	89.7	50-200	6/17/25 13:04
MPFDoA	95.3	50-200	6/17/25 13:04



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0358

Date Received: 6/5/2025

Field Sample #: BH20250604- 3MID

Sampled: 6/4/2025 00:00

Sample ID: 25F0358-07

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)	6.0	1.9	0.50		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluorobutanesulfonic acid (PFBS)	1.8	1.9	0.48		ng/L	1	J	EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluoropentanoic acid (PFPeA)	4.9	1.9	0.42		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluorohexanoic acid (PFHxA)	3.3	1.9	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.71		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.50		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.46		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.91		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.37		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.62		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.74		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.57		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.62		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.35		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluorohexanesulfonic acid (PFHxS)	2.5	1.9	0.44		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.53		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.8		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.51		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.58		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluoroheptanoic acid (PFHpA)	1.4	1.9	0.58		ng/L	1	J	EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluorooctanoic acid (PFOA)	1.4	1.9	0.72		ng/L	1	J	EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluorooctanesulfonic acid (PFOS)	1.8	1.9	0.50		ng/L	1	J	EPA 533	6/16/25	6/17/25 13:11	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.70		ng/L	1		EPA 533	6/16/25	6/17/25 13:11	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	51.3	50-200	6/17/25 13:11
M2-8:2FTS	87.6	50-200	6/17/25 13:11
MPFBA	86.4	50-200	6/17/25 13:11
M3HFPO-DA	53.1	50-200	6/17/25 13:11
M6PFDA	95.4	50-200	6/17/25 13:11
M3PFBS	106	50-200	6/17/25 13:11
M7PFUnA	88.5	50-200	6/17/25 13:11
M2-6:2FTS	135	50-200	6/17/25 13:11
M5PFPeA	89.0	50-200	6/17/25 13:11
M5PFHxA	81.8	50-200	6/17/25 13:11
M3PFHxS	99.1	50-200	6/17/25 13:11
M4PFHpA	87.9	50-200	6/17/25 13:11
M8PFOA	105	50-200	6/17/25 13:11
M8PFOS	95.9	50-200	6/17/25 13:11
M9PFNA	104	50-200	6/17/25 13:11
MPFDoA	82.9	50-200	6/17/25 13:11



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0358

Date Received: 6/5/2025

Field Sample #: BH20250604-1RAW

Sampled: 6/4/2025 00:00

Sample ID: 25F0358-08

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)	9.2	1.9	0.50		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluorobutanesulfonic acid (PFBS)	3.5	1.9	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluoropentanoic acid (PFPeA)	1.9	1.9	0.43		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluorohexanoic acid (PFHxA)	1.1	1.9	0.49		ng/L	1	J	EPA 533	6/16/25	6/17/25 13:18	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.72		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.50		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.47		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.92		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.37		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.62		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.75		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.57		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.62		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.35		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluorohexanesulfonic acid (PFHxS)	4.7	1.9	0.45		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.53		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.54		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.8		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.52	1.9	0.52		ng/L	1	J	EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.58		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluoroheptanoic acid (PFHpA)	0.88	1.9	0.59		ng/L	1	J	EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluorooctanoic acid (PFOA)	3.5	1.9	0.73		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluorooctanesulfonic acid (PFOS)	5.4	1.9	0.50		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.71		ng/L	1		EPA 533	6/16/25	6/17/25 13:18	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	67.8	50-200	6/17/25 13:18
M2-8:2FTS	99.4	50-200	6/17/25 13:18
MPFBA	94.4	50-200	6/17/25 13:18
M3HFPO-DA	54.2	50-200	6/17/25 13:18
M6PFDA	106	50-200	6/17/25 13:18
M3PFBS	106	50-200	6/17/25 13:18
M7PFUnA	105	50-200	6/17/25 13:18
M2-6:2FTS	139	50-200	6/17/25 13:18
M5PFPeA	96.9	50-200	6/17/25 13:18
M5PFHxA	93.1	50-200	6/17/25 13:18
M3PFHxS	99.5	50-200	6/17/25 13:18
M4PFHpA	98.0	50-200	6/17/25 13:18
M8PFOA	111	50-200	6/17/25 13:18
M8PFOS	110	50-200	6/17/25 13:18
M9PFNA	108	50-200	6/17/25 13:18
MPFDoA	97.5	50-200	6/17/25 13:18



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0358

Date Received: 6/5/2025

Field Sample #: BH20250604- 2RAW

Sampled: 6/4/2025 00:00

Sample ID: 25F0358-09

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)	6.6	1.9	0.48		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluorobutanesulfonic acid (PFBS)	2.3	1.9	0.47		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluoropentanoic acid (PFPeA)	4.2	1.9	0.41		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluorohexanoic acid (PFHxA)	2.6	1.9	0.48		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.70		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.89		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.60		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.72		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.55		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.60		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluorohexanesulfonic acid (PFHxS)	4.7	1.9	0.43		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.51		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.64	1.9	0.50		ng/L	1	J	EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluoroheptanoic acid (PFHpA)	2.3	1.9	0.57		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluorooctanoic acid (PFOA)	3.4	1.9	0.71		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluorooctanesulfonic acid (PFOS)	6.2	1.9	0.48		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.69		ng/L	1		EPA 533	6/16/25	6/17/25 13:26	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	68.5	50-200	6/17/25 13:26
M2-8:2FTS	102	50-200	6/17/25 13:26
MPFBA	90.2	50-200	6/17/25 13:26
M3HFPO-DA	55.8	50-200	6/17/25 13:26
M6PFDA	106	50-200	6/17/25 13:26
M3PFBS	103	50-200	6/17/25 13:26
M7PFUnA	95.1	50-200	6/17/25 13:26
M2-6:2FTS	131	50-200	6/17/25 13:26
M5PFPeA	97.3	50-200	6/17/25 13:26
M5PFHxA	90.0	50-200	6/17/25 13:26
M3PFHxS	102	50-200	6/17/25 13:26
M4PFHpA	91.6	50-200	6/17/25 13:26
M8PFOA	107	50-200	6/17/25 13:26
M8PFOS	106	50-200	6/17/25 13:26
M9PFNA	107	50-200	6/17/25 13:26
MPFDoA	91.9	50-200	6/17/25 13:26



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0358

Date Received: 6/5/2025

Field Sample #: BH20250604- 3RAW

Sampled: 6/4/2025 00:00

Sample ID: 25F0358-10

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)	7.6	1.8	0.47		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluorobutanesulfonic acid (PFBS)	2.6	1.8	0.45		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluoropentanoic acid (PFPeA)	5.0	1.8	0.40		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluorohexanoic acid (PFHxA)	4.0	1.8	0.46		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.67		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.47		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.44		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.86		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	0.35		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluorodecanoic acid (PFDA)	ND	1.8	0.58		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.70		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.8	0.53		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.58		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	0.33		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluorohexanesulfonic acid (PFHxS)	5.8	1.8	0.42		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.49		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.50		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	1.7		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.87	1.8	0.48		ng/L	1	J	EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.65		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.54		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluoroheptanoic acid (PFHpA)	2.4	1.8	0.55		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluorooctanoic acid (PFOA)	3.1	1.8	0.68		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluorooctanesulfonic acid (PFOS)	5.8	1.8	0.47		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2
Perfluorononanoic acid (PFNA)	ND	1.8	0.66		ng/L	1		EPA 533	6/16/25	6/17/25 14:04	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	82.5	50-200	6/17/25 14:04
M2-8:2FTS	96.9	50-200	6/17/25 14:04
MPFBA	92.9	50-200	6/17/25 14:04
M3HFPO-DA	54.9	50-200	6/17/25 14:04
M6PFDA	103	50-200	6/17/25 14:04
M3PFBS	108	50-200	6/17/25 14:04
M7PFUnA	99.0	50-200	6/17/25 14:04
M2-6:2FTS	147	50-200	6/17/25 14:04
M5PFPeA	105	50-200	6/17/25 14:04
M5PFHxA	97.7	50-200	6/17/25 14:04
M3PFHxS	103	50-200	6/17/25 14:04
M4PFHpA	94.6	50-200	6/17/25 14:04
M8PFOA	113	50-200	6/17/25 14:04
M8PFOS	108	50-200	6/17/25 14:04
M9PFNA	108	50-200	6/17/25 14:04
MPFDoA	97.9	50-200	6/17/25 14:04

**Sample Extraction Data****Prep Method: EPA 533-EPA 533**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0358-01RE1 [BH20250604- 3N-50]	B407203	270	1.00	06/16/25
25F0358-02RE1 [BH20250604- 3N-75]	B407203	258	1.00	06/16/25
25F0358-03RE1 [BH20250604- 3POST]	B407203	264	1.00	06/16/25
25F0358-04RE1 [BH20250604- 3S-25]	B407203	246	1.00	06/16/25
25F0358-05RE1 [BH20250604- 3S-50]	B407203	246	1.00	06/16/25
25F0358-06RE1 [BH20250604- 3S-75]	B407203	261	1.00	06/16/25
25F0358-07RE1 [BH20250604- 3MID]	B407203	259	1.00	06/16/25
25F0358-08RE1 [BH20250604- 1RAW]	B407203	257	1.00	06/16/25
25F0358-09RE1 [BH20250604- 2RAW]	B407203	266	1.00	06/16/25
25F0358-10RE1 [BH20250604- 3RAW]	B407203	275	1.00	06/16/25

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 B407203 - EPA 533

Blank (B407203-BLK1)

Prepared: 06/16/25 Analyzed: 06/17/25

Perfluorobutanoic acid (PFBA)	ND	1.9	0.49	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.47	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.9	0.41	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.48	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.70	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.49	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.46	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.89	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.9	0.60	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.73	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.56	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.60	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.43	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.51	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.57	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.9	0.71	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.49	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.9	0.69	ng/L							
Surrogate: M2-4:2FTS	38.7			ng/L	35.47		109	50-200			
Surrogate: M2-8:2FTS	47.6			ng/L	36.31		131	50-200			
Surrogate: MPFBA	37.1			ng/L	37.82		98.2	50-200			
Surrogate: M3HFPO-DA	25.3			ng/L	37.82		66.9	50-200			
Surrogate: M6PFDA	45.5			ng/L	37.82		120	50-200			
Surrogate: M3PFBS	43.3			ng/L	35.25		123	50-200			
Surrogate: M7PFUnA	46.8			ng/L	37.82		124	50-200			
Surrogate: M2-6:2FTS	65.9			ng/L	35.97		183	50-200			
Surrogate: M5PFPeA	36.2			ng/L	37.82		95.7	50-200			
Surrogate: M5PFHxA	37.8			ng/L	37.82		99.9	50-200			
Surrogate: M3PFHxS	40.0			ng/L	35.85		111	50-200			
Surrogate: M4PFHpA	38.3			ng/L	37.82		101	50-200			
Surrogate: M8PFOA	45.4			ng/L	37.82		120	50-200			
Surrogate: M8PFOS	42.4			ng/L	36.27		117	50-200			
Surrogate: M9PFNA	45.8			ng/L	37.82		121	50-200			
Surrogate: MPFDoA	43.2			ng/L	37.82		114	50-200			

LCS (B407203-BS1)

Prepared: 06/16/25 Analyzed: 06/17/25

Perfluorobutanoic acid (PFBA)	9.45	1.8	0.47	ng/L	9.100		104	70-130			
Perfluorobutanesulfonic acid (PFBS)	7.07	1.8	0.46	ng/L	9.100		77.6	70-130			
Perfluoropentanoic acid (PFPeA)	8.16	1.8	0.40	ng/L	9.100		89.6	70-130			
Perfluorohexanoic acid (PFHxA)	7.25	1.8	0.46	ng/L	9.100		79.7	70-130			
11Cl-PF3OUdS (F53B Major)	7.89	1.8	0.67	ng/L	9.100		86.8	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 B407203 - EPA 533

LCS (B407203-BS1)

Prepared: 06/16/25 Analyzed: 06/17/25

9Cl-PF3ONS (F53B Minor)	7.43	1.8	0.47	ng/L	9.100		81.6	70-130		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.89	1.8	0.44	ng/L	9.100		86.7	70-130		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	9.34	1.8	0.86	ng/L	9.100		103	70-130		
8:2 Fluorotelomersulfonic acid (8:2FTS A)	8.07	1.8	0.35	ng/L	9.100		88.7	70-130		
Perfluorodecanoic acid (PFDA)	7.82	1.8	0.58	ng/L	9.100		86.0	70-130		
Perfluorododecanoic acid (PFDoA)	8.21	1.8	0.70	ng/L	9.100		90.2	70-130		
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	7.03	1.8	0.54	ng/L	9.100		77.2	70-130		
Perfluoroheptanesulfonic acid (PFHpS)	7.32	1.8	0.58	ng/L	9.100		80.4	70-130		
4:2 Fluorotelomersulfonic acid (4:2FTS A)	8.30	1.8	0.33	ng/L	9.100		91.2	70-130		
Perfluorohexanesulfonic acid (PFHxS)	8.29	1.8	0.42	ng/L	9.100		91.1	70-130		
Perfluoro-4-oxapentanoic acid (PFMPA)	9.93	1.8	0.49	ng/L	9.100		109	70-130		
Perfluoro-5-oxahexanoic acid (PFMBA)	9.67	1.8	0.50	ng/L	9.100		106	70-130		
6:2 Fluorotelomersulfonic acid (6:2FTS A)	7.40	1.8	1.7	ng/L	9.100		81.3	70-130		
Perfluoropentanesulfonic acid (PFPeS)	8.10	1.8	0.48	ng/L	9.100		89.0	70-130		
Perfluoroundecanoic acid (PFUnA)	7.90	1.8	0.65	ng/L	9.100		86.9	70-130		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	8.50	1.8	0.54	ng/L	9.100		93.5	70-130		
Perfluoroheptanoic acid (PFHpA)	8.09	1.8	0.55	ng/L	9.100		88.9	70-130		
Perfluorooctanoic acid (PFOA)	7.37	1.8	0.68	ng/L	9.100		81.0	70-130		
Perfluorooctanesulfonic acid (PFOS)	6.92	1.8	0.47	ng/L	9.100		76.1	70-130		
Perfluorononanoic acid (PFNA)	7.98	1.8	0.66	ng/L	9.100		87.7	70-130		
Surrogate: M2-4:2FTS	35.2			ng/L	34.14		103	50-200		
Surrogate: M2-8:2FTS	45.0			ng/L	34.94		129	50-200		
Surrogate: MPFBA	32.8			ng/L	36.40		90.2	50-200		
Surrogate: M3HFPO-DA	22.8			ng/L	36.40		62.6	50-200		
Surrogate: M6PFDA	41.4			ng/L	36.40		114	50-200		
Surrogate: M3PFBS	39.6			ng/L	33.92		117	50-200		
Surrogate: M7PFUnA	43.3			ng/L	36.40		119	50-200		
Surrogate: M2-6:2FTS	60.5			ng/L	34.62		175	50-200		
Surrogate: M5PFPeA	32.6			ng/L	36.40		89.7	50-200		
Surrogate: M5PFHxA	31.1			ng/L	36.40		85.5	50-200		
Surrogate: M3PFHxS	37.3			ng/L	34.51		108	50-200		
Surrogate: M4PFHpA	35.1			ng/L	36.40		96.5	50-200		
Surrogate: M8PFOA	41.2			ng/L	36.40		113	50-200		
Surrogate: M8PFOS	41.7			ng/L	34.91		120	50-200		
Surrogate: M9PFNA	40.7			ng/L	36.40		112	50-200		
Surrogate: MPFDoA	41.9			ng/L	36.40		115	50-200		

LCS Dup (B407203-BS1)

Prepared: 06/16/25 Analyzed: 06/17/25

Perfluorobutanoic acid (PFBA)	9.72	1.9	0.49	ng/L	9.541		102	70-130	2.84	30
Perfluorobutanesulfonic acid (PFBS)	8.05	1.9	0.48	ng/L	9.541		84.4	70-130	13.0	30
Perfluoropentanoic acid (PFPeA)	7.97	1.9	0.42	ng/L	9.541		83.5	70-130	2.37	30
Perfluorohexanoic acid (PFHxA)	7.01	1.9	0.48	ng/L	9.541		73.5	70-130	3.43	30
11Cl-PF3OUdS (F53B Major)	7.89	1.9	0.71	ng/L	9.541		82.7	70-130	0.0688	30
9Cl-PF3ONS (F53B Minor)	7.39	1.9	0.49	ng/L	9.541		77.5	70-130	0.467	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.56	1.9	0.46	ng/L	9.541		79.3	70-130	4.18	30
Hexafluoropropylene oxide dimer acid (HFPO-DA)	9.68	1.9	0.90	ng/L	9.541		101	70-130	3.53	30
8:2 Fluorotelomersulfonic acid (8:2FTS A)	8.57	1.9	0.37	ng/L	9.541		89.9	70-130	6.07	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 B407203 - EPA 533

LCS Dup (B407203-BSD1)

Prepared: 06/16/25 Analyzed: 06/17/25

Perfluorodecanoic acid (PFDA)	8.22	1.9	0.61	ng/L	9.541		86.2	70-130	4.94	30	
Perfluorododecanoic acid (PFDoA)	8.01	1.9	0.73	ng/L	9.541		83.9	70-130	2.53	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	7.09	1.9	0.56	ng/L	9.541		74.3	70-130	0.904	30	
Perfluoroheptanesulfonic acid (PFHpS)	7.70	1.9	0.61	ng/L	9.541		80.7	70-130	5.05	30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	8.02	1.9	0.34	ng/L	9.541		84.1	70-130	3.38	30	
Perfluorohexanesulfonic acid (PFHxS)	8.48	1.9	0.44	ng/L	9.541		88.9	70-130	2.24	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	9.96	1.9	0.52	ng/L	9.541		104	70-130	0.261	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	9.33	1.9	0.53	ng/L	9.541		97.8	70-130	3.58	30	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	6.98	1.9	1.7	ng/L	9.541		73.1	70-130	5.81	30	
Perfluoropentanesulfonic acid (PFPeS)	8.55	1.9	0.51	ng/L	9.541		89.7	70-130	5.41	30	
Perfluoroundecanoic acid (PFUnA)	7.56	1.9	0.68	ng/L	9.541		79.2	70-130	4.45	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	8.47	1.9	0.57	ng/L	9.541		88.8	70-130	0.354	30	
Perfluoroheptanoic acid (PFHpA)	8.32	1.9	0.58	ng/L	9.541		87.2	70-130	2.85	30	
Perfluorooctanoic acid (PFOA)	7.21	1.9	0.72	ng/L	9.541		75.6	70-130	2.17	30	
Perfluorooctanesulfonic acid (PFOS)	6.83	1.9	0.49	ng/L	9.541		71.6	70-130	1.33	30	
Perfluorononanoic acid (PFNA)	8.17	1.9	0.70	ng/L	9.541		85.7	70-130	2.42	30	
Surrogate: M2-4:2FTS	44.0			ng/L	35.80		123	50-200			
Surrogate: M2-8:2FTS	55.1			ng/L	36.64		150	50-200			
Surrogate: MPFBA	32.9			ng/L	38.16		86.1	50-200			
Surrogate: M3HFPO-DA	21.4			ng/L	38.16		56.1	50-200			
Surrogate: M6PFDA	45.1			ng/L	38.16		118	50-200			
Surrogate: M3PFBS	49.3			ng/L	35.57		139	50-200			
Surrogate: M7PFUnA	49.3			ng/L	38.16		129	50-200			
Surrogate: M2-6:2FTS	61.1			ng/L	36.29		168	50-200			
Surrogate: M5PFPeA	32.5			ng/L	38.16		85.3	50-200			
Surrogate: M5PFHxA	31.3			ng/L	38.16		82.0	50-200			
Surrogate: M3PFHxS	48.0			ng/L	36.18		133	50-200			
Surrogate: M4PFHpA	35.0			ng/L	38.16		91.8	50-200			
Surrogate: M8PFOA	42.2			ng/L	38.16		111	50-200			
Surrogate: M8PFOS	49.5			ng/L	36.60		135	50-200			
Surrogate: M9PFNA	42.9			ng/L	38.16		112	50-200			
Surrogate: MPFDoA	45.1			ng/L	38.16		118	50-200			

**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).

CERTIFICATIONS

Certified Analyses included in this Report

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

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	06/30/2025
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

	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

Log In Back-Sheet

Log In Sample Receipt Checklist - (Rejection Criteria Listing
- Using Acceptance Policy; Any False statement will be
brought to the attention of the Client - True or False

Client DEC
 Project Stewart A/H- Butterhill
 MCP/RCP Required _____
 Deliverable Package Requirement _____
 Location NEV Windsor, NJ
 PWSID# (When Applicable) _____
 Arrival Method:
 Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐
 Received By / Date / Time Exatt 6-5-25 1:15
 Back-Sheet By / Date / Time Eli 6-6-25 15:09
 Temperature Method Gy # 6
 WV samples: Yes (see note*) / No (follow normal procedure)
 Temp < 6° C Actual Temperature 6
 Rush Samples: Yes / No Notify _____
 Short Hold: Yes / No Notify _____

Notes regarding Samples/COC outside of SOP:

	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

Additional Container Notes

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



DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist

Effective Date: 06/11/2024

Sample					
1	16oz Amb/Clear	(Circle Amb/Clear)	Soils Jars		
2	8oz Amb/Clear				
3	4oz Amb/Clear				
4	2oz Amb/Clear				
5	Unpreserved	1 liter	Ambers		
6	HCL				
7	Sulfuric				
8	Sulfuric				
9	Phosphoric	250ml			
10	HCl				
11	Unpreserved				
12	Unpreserved				
13	Sulfuric	100ml			
14	Unpreserved				
15	Sulfuric				
16	Unpreserved				
17	Sulfuric	1 liter			
18	Unpreserved				
19	Sulfuric				
20	Unpreserved				
	Sulfuric	500ml			
	Unpreserved				
	Sulfuric				
	Unpreserved				
	Trizma	250ml			
	Sulfuric				
	Nitric				
	NaOH				
	Ammonium Acetate				
	NaOH/Zinc				
	Unpreserved				
	HCl				
	MeOH				
	D.I. Water				
	BiSulfate				
	Col/Bact				



June 19, 2025

David Chiusano
NYDEC_Arcadis US, Inc. - Clifton Park-NY
855 Route 146, Suite 210
Clifton Park, NY 12065

Project Location: New Windsor, New York
Client Job Number:
Project Number: 336089
Laboratory Work Order Number: 25F0357

Enclosed are results of analyses for samples as received by the laboratory on June 5, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "R J McCarthy".

Raymond J. McCarthy
Project Manager

Table of Contents

Sample Summary	4
Case Narrative	5
Sample Results	6
25F0357-01	6
25F0357-02	7
25F0357-03	8
25F0357-04	9
25F0357-05	10
25F0357-06	11
25F0357-07	12
25F0357-08	13
25F0357-09	14
25F0357-10	15
25F0357-11	16
25F0357-12	17
25F0357-13	18
25F0357-14	19
25F0357-15	20
25F0357-16	21
25F0357-17	22
25F0357-18	23
25F0357-19	24
25F0357-20	25
Sample Preparation Information	26
QC Data	27

Table of Contents (continued)

Semivolatile Organic Compounds by - LC/MS-MS	27
B406819	27
B406901	30
Flag/Qualifier Summary	34
Certifications	35
Chain of Custody/Sample Receipt	36



Pace Analytical Services, LLC - East Longmeadow, Ma

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

NYDEC_Arcadis US, Inc. - Clifton Park-NY
855 Route 146, Suite 210
Clifton Park, NY 12065
ATTN: David Chiusano

REPORT DATE: 6/19/2025

PURCHASE ORDER NUMBER: 151957

PROJECT NUMBER: 336089

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25F0357

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: New Windsor, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
BH20250604- PRE GAC	25F0357-01	Drinking Water		EPA 533	
BH20250604- POST GAC	25F0357-02	Drinking Water		EPA 533	
BH20250604- POST GAC DUP	25F0357-03	Drinking Water		EPA 533	
BH20250604- 1N-25	25F0357-04	Drinking Water		EPA 533	
BH20250604- 1N-50	25F0357-05	Drinking Water		EPA 533	
BH20250604- 1N-75	25F0357-06	Drinking Water		EPA 533	
BH20250604- 1POST	25F0357-07	Drinking Water		EPA 533	
BH20250604- 1S-25	25F0357-08	Drinking Water		EPA 533	
BH20250604- 1S-50	25F0357-09	Drinking Water		EPA 533	
BH20250604- 1S-75	25F0357-10	Drinking Water		EPA 533	
BH20250604- 1MID	25F0357-11	Drinking Water		EPA 533	
BH20250604- 2N-25	25F0357-12	Drinking Water		EPA 533	
BH20250604- 2N-50	25F0357-13	Drinking Water		EPA 533	
BH20250604- 2N-75	25F0357-14	Drinking Water		EPA 533	
BH20250604- 2POST	25F0357-15	Drinking Water		EPA 533	
BH20250604- 2S-25	25F0357-16	Drinking Water		EPA 533	
BH20250604- 2S-50	25F0357-17	Drinking Water		EPA 533	
BH20250604- 2S-75	25F0357-18	Drinking Water		EPA 533	
BH20250604- 2MID	25F0357-19	Drinking Water		EPA 533	
BH20250604- 3N-25	25F0357-20	Drinking Water		EPA 533	

**CASE NARRATIVE SUMMARY**

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

For method EPA 533, a Field Reagent Blank was not submitted for analysis.

EPA 533**Qualifications:****MS-22**

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:**Perfluorobutanoic acid (PFBA)**

25F0357-02[BH20250604- POST GAC], B406819-MS1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**Hexafluoropropylene oxide dimer :**

B406901-BSD1

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.

A handwritten signature in black ink that reads "Meghan E. Kelley".

Meghan E. Kelley
Reporting Specialist



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- PRE GAC

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-01

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)	7.8	2.0	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluorobutanesulfonic acid (PFBS)	2.9	2.0	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluoropentanoic acid (PFPeA)	6.0	2.0	0.44		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluorohexanoic acid (PFHxA)	4.9	2.0	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.75		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.49		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.96		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	0.39		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.65		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.78		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	2.0	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.65		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	0.36		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluorohexanesulfonic acid (PFHxS)	5.8	2.0	0.46		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.55		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.56		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	1.9		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluoropentanesulfonic acid (PFPeS)	1.1	2.0	0.54		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.72		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluoroheptanoic acid (PFHpA)	2.3	2.0	0.61		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluorooctanoic acid (PFOA)	3.6	2.0	0.76		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluorooctanesulfonic acid (PFOS)	6.2	2.0	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	0.74		ng/L	1		EPA 533	6/11/25	6/13/25 9:22	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	85.8	50-200	6/13/25 9:22
M2-8:2FTS	111	50-200	6/13/25 9:22
MPFBA	94.9	50-200	6/13/25 9:22
M3HFPO-DA	55.4	50-200	6/13/25 9:22
M6PFDA	78.1	50-200	6/13/25 9:22
M3PFBS	89.7	50-200	6/13/25 9:22
M7PFUnA	85.0	50-200	6/13/25 9:22
M2-6:2FTS	158	50-200	6/13/25 9:22
M5PFPeA	112	50-200	6/13/25 9:22
M5PFHxA	85.1	50-200	6/13/25 9:22
M3PFHxS	84.4	50-200	6/13/25 9:22
M4PFHpA	82.5	50-200	6/13/25 9:22
M8PFOA	84.5	50-200	6/13/25 9:22
M8PFOS	103	50-200	6/13/25 9:22
M9PFNA	71.2	50-200	6/13/25 9:22
MPFDoA	88.7	50-200	6/13/25 9:22



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- POST GAC

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-02

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)	6.2	2.0	0.50		ng/L	1	MS-22	EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluorobutanesulfonic acid (PFBS)	0.69	2.0	0.49		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluoropentanoic acid (PFPeA)	3.7	2.0	0.43		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluorohexanoic acid (PFHxA)	1.3	2.0	0.50		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:29	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.72		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.47		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.93		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	0.38		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.63		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.75		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	2.0	0.58		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.62		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	0.35		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.53		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.54		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	1.8		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.70		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.58		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluoroheptanoic acid (PFHpA)	ND	2.0	0.59		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluorooctanoic acid (PFOA)	ND	2.0	0.73		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	0.71		ng/L	1		EPA 533	6/11/25	6/13/25 9:29	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	84.0	50-200	6/13/25 9:29
M2-8:2FTS	117	50-200	6/13/25 9:29
MPFBA	99.3	50-200	6/13/25 9:29
M3HFPO-DA	62.8	50-200	6/13/25 9:29
M6PFDA	88.4	50-200	6/13/25 9:29
M3PFBS	100	50-200	6/13/25 9:29
M7PFUnA	90.3	50-200	6/13/25 9:29
M2-6:2FTS	144	50-200	6/13/25 9:29
M5PFPeA	103	50-200	6/13/25 9:29
M5PFHxA	89.4	50-200	6/13/25 9:29
M3PFHxS	101	50-200	6/13/25 9:29
M4PFHpA	90.2	50-200	6/13/25 9:29
M8PFOA	94.0	50-200	6/13/25 9:29
M8PFOS	104	50-200	6/13/25 9:29
M9PFNA	85.4	50-200	6/13/25 9:29
MPFDoA	85.7	50-200	6/13/25 9:29



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- POST GAC DUP

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-03

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)	6.8	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluorobutanesulfonic acid (PFBS)	0.69	1.9	0.47		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluoropentanoic acid (PFPeA)	3.4	1.9	0.41		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluorohexanoic acid (PFHxA)	1.4	1.9	0.47		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:37	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.69		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.88		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.72		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.55		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.43		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.57		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.70		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.68		ng/L	1		EPA 533	6/11/25	6/13/25 9:37	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	69.3	50-200	6/13/25 9:37
M2-8:2FTS	106	50-200	6/13/25 9:37
MPFBA	93.8	50-200	6/13/25 9:37
M3HFPO-DA	72.1	50-200	6/13/25 9:37
M6PFDA	88.8	50-200	6/13/25 9:37
M3PFBS	94.1	50-200	6/13/25 9:37
M7PFUnA	95.2	50-200	6/13/25 9:37
M2-6:2FTS	124	50-200	6/13/25 9:37
M5PFPeA	98.8	50-200	6/13/25 9:37
M5PFHxA	83.3	50-200	6/13/25 9:37
M3PFHxS	91.8	50-200	6/13/25 9:37
M4PFHpA	88.3	50-200	6/13/25 9:37
M8PFOA	90.7	50-200	6/13/25 9:37
M8PFOS	103	50-200	6/13/25 9:37
M9PFNA	83.8	50-200	6/13/25 9:37
MPFDoA	86.5	50-200	6/13/25 9:37



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 1N-25

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-04

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)	6.7	1.8	0.46		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluorobutanesulfonic acid (PFBS)	1.4	1.8	0.45		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluoropentanoic acid (PFPeA)	5.1	1.8	0.39		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluorohexanoic acid (PFHxA)	2.8	1.8	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.66		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.46		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.43		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.85		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	0.35		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluorodecanoic acid (PFDA)	ND	1.8	0.57		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.69		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.8	0.53		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.57		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	0.32		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluorohexanesulfonic acid (PFHxS)	1.1	1.8	0.41		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.49		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	1.6		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.64		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.53		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluoroheptanoic acid (PFHpA)	0.91	1.8	0.54		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluorooctanoic acid (PFOA)	0.95	1.8	0.67		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluorooctanesulfonic acid (PFOS)	0.58	1.8	0.46		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:44	JR2
Perfluorononanoic acid (PFNA)	ND	1.8	0.65		ng/L	1		EPA 533	6/11/25	6/13/25 9:44	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	73.4	50-200	6/13/25 9:44
M2-8:2FTS	99.8	50-200	6/13/25 9:44
MPFBA	94.5	50-200	6/13/25 9:44
M3HFPO-DA	73.4	50-200	6/13/25 9:44
M6PFDA	91.9	50-200	6/13/25 9:44
M3PFBS	97.3	50-200	6/13/25 9:44
M7PFUnA	91.6	50-200	6/13/25 9:44
M2-6:2FTS	148	50-200	6/13/25 9:44
M5PFPeA	99.4	50-200	6/13/25 9:44
M5PFHxA	84.9	50-200	6/13/25 9:44
M3PFHxS	103	50-200	6/13/25 9:44
M4PFHpA	88.5	50-200	6/13/25 9:44
M8PFOA	94.1	50-200	6/13/25 9:44
M8PFOS	106	50-200	6/13/25 9:44
M9PFNA	83.6	50-200	6/13/25 9:44
MPFDoA	93.1	50-200	6/13/25 9:44



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 1N-50

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-05

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)	6.9	1.8	0.47		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluorobutanesulfonic acid (PFBS)	1.4	1.8	0.46		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluoropentanoic acid (PFPeA)	5.1	1.8	0.40		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluorohexanoic acid (PFHxA)	2.7	1.8	0.46		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.67		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.47		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.44		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.86		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	0.35		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluorodecanoic acid (PFDA)	ND	1.8	0.58		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.70		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.8	0.54		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.58		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	0.33		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluorohexanesulfonic acid (PFHxS)	0.95	1.8	0.42		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.49		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	1.7		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.65		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.54		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluoroheptanoic acid (PFHpA)	0.76	1.8	0.55		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluorooctanoic acid (PFOA)	0.78	1.8	0.68		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluorooctanesulfonic acid (PFOS)	0.54	1.8	0.47		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:51	JR2
Perfluorononanoic acid (PFNA)	ND	1.8	0.66		ng/L	1		EPA 533	6/11/25	6/13/25 9:51	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	63.1	50-200	6/13/25 9:51
M2-8:2FTS	101	50-200	6/13/25 9:51
MPFBA	93.8	50-200	6/13/25 9:51
M3HFPO-DA	59.4	50-200	6/13/25 9:51
M6PFDA	89.8	50-200	6/13/25 9:51
M3PFBS	90.2	50-200	6/13/25 9:51
M7PFUnA	90.2	50-200	6/13/25 9:51
M2-6:2FTS	134	50-200	6/13/25 9:51
M5PFPeA	101	50-200	6/13/25 9:51
M5PFHxA	81.5	50-200	6/13/25 9:51
M3PFHxS	91.6	50-200	6/13/25 9:51
M4PFHpA	83.4	50-200	6/13/25 9:51
M8PFOA	89.8	50-200	6/13/25 9:51
M8PFOS	98.7	50-200	6/13/25 9:51
M9PFNA	81.1	50-200	6/13/25 9:51
MPFDoA	89.8	50-200	6/13/25 9:51



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 1N-75

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-06

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)	6.2	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluorobutanesulfonic acid (PFBS)	0.78	1.9	0.47		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluoropentanoic acid (PFPeA)	4.0	1.9	0.41		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluorohexanoic acid (PFHxA)	1.5	1.9	0.47		ng/L	1	J	EPA 533	6/11/25	6/13/25 9:58	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.69		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.88		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.72		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.55		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.43		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.66		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.57		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.70		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.68		ng/L	1		EPA 533	6/11/25	6/13/25 9:58	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	72.5	50-200	6/13/25 9:58
M2-8:2FTS	111	50-200	6/13/25 9:58
MPFBA	96.3	50-200	6/13/25 9:58
M3HFPO-DA	62.3	50-200	6/13/25 9:58
M6PFDA	87.8	50-200	6/13/25 9:58
M3PFBS	94.1	50-200	6/13/25 9:58
M7PFUnA	91.4	50-200	6/13/25 9:58
M2-6:2FTS	152	50-200	6/13/25 9:58
M5PFPeA	101	50-200	6/13/25 9:58
M5PFHxA	81.2	50-200	6/13/25 9:58
M3PFHxS	99.0	50-200	6/13/25 9:58
M4PFHpA	80.9	50-200	6/13/25 9:58
M8PFOA	87.9	50-200	6/13/25 9:58
M8PFOS	108	50-200	6/13/25 9:58
M9PFNA	78.2	50-200	6/13/25 9:58
MPFDoA	85.3	50-200	6/13/25 9:58



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 1POST

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-07

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)	6.4	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluorobutanesulfonic acid (PFBS)	0.70	1.9	0.47		ng/L	1	J	EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluoropentanoic acid (PFPeA)	3.6	1.9	0.41		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluorohexanoic acid (PFHxA)	1.5	1.9	0.48		ng/L	1	J	EPA 533	6/11/25	6/13/25 10:05	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.70		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.89		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.72		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.55		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluorohexanesulfonic acid (PFHxS)	0.49	1.9	0.43		ng/L	1	J	EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.57		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.71		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.49		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.69		ng/L	1		EPA 533	6/11/25	6/13/25 10:05	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	71.4	50-200	6/13/25 10:05
M2-8:2FTS	116	50-200	6/13/25 10:05
MPFBA	99.3	50-200	6/13/25 10:05
M3HFPO-DA	65.5	50-200	6/13/25 10:05
M6PFDA	94.2	50-200	6/13/25 10:05
M3PFBS	94.7	50-200	6/13/25 10:05
M7PFUnA	90.3	50-200	6/13/25 10:05
M2-6:2FTS	152	50-200	6/13/25 10:05
M5PFPeA	103	50-200	6/13/25 10:05
M5PFHxA	89.5	50-200	6/13/25 10:05
M3PFHxS	104	50-200	6/13/25 10:05
M4PFHpA	91.1	50-200	6/13/25 10:05
M8PFOA	98.9	50-200	6/13/25 10:05
M8PFOS	108	50-200	6/13/25 10:05
M9PFNA	90.6	50-200	6/13/25 10:05
MPFDoA	82.4	50-200	6/13/25 10:05



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 1S-25

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-08

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)	5.6	2.0	0.52		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluorobutanesulfonic acid (PFBS)	2.7	2.0	0.51		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluoropentanoic acid (PFPeA)	5.6	2.0	0.45		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluorohexanoic acid (PFHxA)	4.2	2.0	0.52		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.75		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.52		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.49		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.96		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	0.39		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.65		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.78		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	2.0	0.60		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.65		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	0.37		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluorohexanesulfonic acid (PFHxS)	5.0	2.0	0.47		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.55		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.56		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	1.9		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.92	2.0	0.54		ng/L	1	J	EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.72		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.61		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluoroheptanoic acid (PFHpA)	2.1	2.0	0.62		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluorooctanoic acid (PFOA)	2.6	2.0	0.76		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluorooctanesulfonic acid (PFOS)	4.3	2.0	0.52		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	0.74		ng/L	1		EPA 533	6/17/25	6/18/25 17:00	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	84.5	50-200	6/18/25 17:00
M2-8:2FTS	88.3	50-200	6/18/25 17:00
MPFBA	92.5	50-200	6/18/25 17:00
M3HFPO-DA	55.0	50-200	6/18/25 17:00
M6PFDA	102	50-200	6/18/25 17:00
M3PFBS	103	50-200	6/18/25 17:00
M7PFUnA	105	50-200	6/18/25 17:00
M2-6:2FTS	111	50-200	6/18/25 17:00
M5PFPeA	105	50-200	6/18/25 17:00
M5PFHxA	93.6	50-200	6/18/25 17:00
M3PFHxS	94.1	50-200	6/18/25 17:00
M4PFHpA	92.3	50-200	6/18/25 17:00
M8PFOA	111	50-200	6/18/25 17:00
M8PFOS	105	50-200	6/18/25 17:00
M9PFNA	107	50-200	6/18/25 17:00
MPFDoA	96.9	50-200	6/18/25 17:00



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 1S-50

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-09

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)	6.9	1.9	0.49		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluorobutanesulfonic acid (PFBS)	2.3	1.9	0.48		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluoropentanoic acid (PFPeA)	6.0	1.9	0.42		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluorohexanoic acid (PFHxA)	3.7	1.9	0.48		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.71		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.49		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.46		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.90		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.37		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.61		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.73		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.56		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.61		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluorohexanesulfonic acid (PFHxS)	3.9	1.9	0.44		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.52		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.53		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.76	1.9	0.51		ng/L	1	J	EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.68		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.57		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluoroheptanoic acid (PFHpA)	2.1	1.9	0.58		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluorooctanoic acid (PFOA)	2.7	1.9	0.72		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluorooctanesulfonic acid (PFOS)	3.6	1.9	0.49		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.70		ng/L	1		EPA 533	6/17/25	6/18/25 17:08	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	102	50-200	6/18/25 17:08
M2-8:2FTS	84.9	50-200	6/18/25 17:08
MPFBA	82.2	50-200	6/18/25 17:08
M3HFPO-DA	54.0	50-200	6/18/25 17:08
M6PFDA	74.9	50-200	6/18/25 17:08
M3PFBS	95.0	50-200	6/18/25 17:08
M7PFUnA	80.5	50-200	6/18/25 17:08
M2-6:2FTS	119	50-200	6/18/25 17:08
M5PFPeA	91.7	50-200	6/18/25 17:08
M5PFHxA	85.7	50-200	6/18/25 17:08
M3PFHxS	90.8	50-200	6/18/25 17:08
M4PFHpA	83.2	50-200	6/18/25 17:08
M8PFOA	95.7	50-200	6/18/25 17:08
M8PFOS	81.2	50-200	6/18/25 17:08
M9PFNA	88.3	50-200	6/18/25 17:08
MPFDoA	80.8	50-200	6/18/25 17:08



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 1S-75

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-10

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)	7.3	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluorobutanesulfonic acid (PFBS)	2.0	1.9	0.46		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluoropentanoic acid (PFPeA)	6.0	1.9	0.41		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluorohexanoic acid (PFHxA)	3.6	1.9	0.47		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.69		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.88		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.59		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.71		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.54		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.59		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.33		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluorohexanesulfonic acid (PFHxS)	2.9	1.9	0.42		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.55	1.9	0.49		ng/L	1	J	EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.66		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.55		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluoroheptanoic acid (PFHpA)	1.7	1.9	0.56		ng/L	1	J	EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluorooctanoic acid (PFOA)	2.2	1.9	0.70		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluorooctanesulfonic acid (PFOS)	2.7	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.68		ng/L	1		EPA 533	6/11/25	6/13/25 10:27	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	67.1	50-200	6/13/25 10:27
M2-8:2FTS	93.5	50-200	6/13/25 10:27
MPFBA	89.5	50-200	6/13/25 10:27
M3HFPO-DA	52.5	50-200	6/13/25 10:27
M6PFDA	82.2	50-200	6/13/25 10:27
M3PFBS	84.9	50-200	6/13/25 10:27
M7PFUnA	81.8	50-200	6/13/25 10:27
M2-6:2FTS	125	50-200	6/13/25 10:27
M5PFPeA	99.0	50-200	6/13/25 10:27
M5PFHxA	81.6	50-200	6/13/25 10:27
M3PFHxS	92.9	50-200	6/13/25 10:27
M4PFHpA	81.0	50-200	6/13/25 10:27
M8PFOA	86.9	50-200	6/13/25 10:27
M8PFOS	91.6	50-200	6/13/25 10:27
M9PFNA	77.6	50-200	6/13/25 10:27
MPFDoA	77.8	50-200	6/13/25 10:27



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 1MID

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-11

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)	7.8	1.8	0.46		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluorobutanesulfonic acid (PFBS)	1.9	1.8	0.44		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluoropentanoic acid (PFPeA)	5.5	1.8	0.39		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluorohexanoic acid (PFHxA)	3.4	1.8	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.66		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.46		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.43		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.84		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	0.34		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluorodecanoic acid (PFDA)	ND	1.8	0.57		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.68		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.8	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.57		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	0.32		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluorohexanesulfonic acid (PFHxS)	2.0	1.8	0.41		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.49		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	1.6		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.47		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.63		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.53		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluoroheptanoic acid (PFHpA)	1.4	1.8	0.54		ng/L	1	J	EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluorooctanoic acid (PFOA)	1.9	1.8	0.67		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluorooctanesulfonic acid (PFOS)	1.9	1.8	0.46		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2
Perfluorononanoic acid (PFNA)	ND	1.8	0.65		ng/L	1		EPA 533	6/11/25	6/13/25 10:50	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	75.1	50-200	6/13/25 10:50
M2-8:2FTS	109	50-200	6/13/25 10:50
MPFBA	92.8	50-200	6/13/25 10:50
M3HFPO-DA	61.3	50-200	6/13/25 10:50
M6PFDA	85.8	50-200	6/13/25 10:50
M3PFBS	93.5	50-200	6/13/25 10:50
M7PFUnA	75.7	50-200	6/13/25 10:50
M2-6:2FTS	140	50-200	6/13/25 10:50
M5PFPeA	104	50-200	6/13/25 10:50
M5PFHxA	79.6	50-200	6/13/25 10:50
M3PFHxS	102	50-200	6/13/25 10:50
M4PFHpA	85.2	50-200	6/13/25 10:50
M8PFOA	91.0	50-200	6/13/25 10:50
M8PFOS	104	50-200	6/13/25 10:50
M9PFNA	78.5	50-200	6/13/25 10:50
MPFDoA	75.6	50-200	6/13/25 10:50



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 2N-25

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-12

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)	7.3	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluorobutanesulfonic acid (PFBS)	1.7	1.9	0.47		ng/L	1	J	EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluoropentanoic acid (PFPeA)	4.6	1.9	0.41		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluorohexanoic acid (PFHxA)	3.3	1.9	0.47		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.69		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.88		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.59		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.72		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.55		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.59		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.33		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluorohexanesulfonic acid (PFHxS)	1.4	1.9	0.43		ng/L	1	J	EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.66		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluoroheptanoic acid (PFHpA)	1.1	1.9	0.56		ng/L	1	J	EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluorooctanoic acid (PFOA)	1.3	1.9	0.70		ng/L	1	J	EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluorooctanesulfonic acid (PFOS)	1.0	1.9	0.48		ng/L	1	J	EPA 533	6/11/25	6/13/25 10:57	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.68		ng/L	1		EPA 533	6/11/25	6/13/25 10:57	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	68.3	50-200	6/13/25 10:57
M2-8:2FTS	113	50-200	6/13/25 10:57
MPFBA	95.6	50-200	6/13/25 10:57
M3HFPO-DA	54.5	50-200	6/13/25 10:57
M6PFDA	91.4	50-200	6/13/25 10:57
M3PFBS	95.1	50-200	6/13/25 10:57
M7PFUnA	88.0	50-200	6/13/25 10:57
M2-6:2FTS	150	50-200	6/13/25 10:57
M5PFPeA	102	50-200	6/13/25 10:57
M5PFHxA	88.3	50-200	6/13/25 10:57
M3PFHxS	101	50-200	6/13/25 10:57
M4PFHpA	88.3	50-200	6/13/25 10:57
M8PFOA	95.3	50-200	6/13/25 10:57
M8PFOS	106	50-200	6/13/25 10:57
M9PFNA	82.9	50-200	6/13/25 10:57
MPFDoA	88.1	50-200	6/13/25 10:57



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 2N-50

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-13

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL		Units	DF	Flag/Qual	Method	Date	Date/Time	Analyst
				MA	ORSG					Prepared	Analyzed	
Perfluorobutanoic acid (PFBA)	8.2	1.9	0.49			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluorobutanesulfonic acid (PFBS)	1.4	1.9	0.48			ng/L	1	J	EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluoropentanoic acid (PFPeA)	4.7	1.9	0.42			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluorohexanoic acid (PFHxA)	2.6	1.9	0.49			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.71			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.49			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.46			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.91			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.37			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.61			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.74			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.56			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.61			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluorohexanesulfonic acid (PFHxS)	1.2	1.9	0.44			ng/L	1	J	EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.52			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.53			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.8			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.51			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.68			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.57			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluoroheptanoic acid (PFHpA)	1.1	1.9	0.58			ng/L	1	J	EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluorooctanoic acid (PFOA)	1.0	1.9	0.72			ng/L	1	J	EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.49			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.70			ng/L	1		EPA 533	6/11/25	6/13/25 11:04	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	73.5	50-200	6/13/25 11:04
M2-8:2FTS	119	50-200	6/13/25 11:04
MPFBA	95.2	50-200	6/13/25 11:04
M3HFPO-DA	53.6	50-200	6/13/25 11:04
M6PFDA	87.8	50-200	6/13/25 11:04
M3PFBS	94.9	50-200	6/13/25 11:04
M7PFUnA	91.2	50-200	6/13/25 11:04
M2-6:2FTS	161	50-200	6/13/25 11:04
M5PFPeA	99.7	50-200	6/13/25 11:04
M5PFHxA	81.0	50-200	6/13/25 11:04
M3PFHxS	99.8	50-200	6/13/25 11:04
M4PFHpA	80.3	50-200	6/13/25 11:04
M8PFOA	86.5	50-200	6/13/25 11:04
M8PFOS	109	50-200	6/13/25 11:04
M9PFNA	74.6	50-200	6/13/25 11:04
MPFDoA	84.7	50-200	6/13/25 11:04



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 2N-75

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-14

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)	7.1	2.0	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluorobutanesulfonic acid (PFBS)	0.66	2.0	0.50		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluoropentanoic acid (PFPeA)	3.9	2.0	0.44		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluorohexanoic acid (PFHxA)	1.5	2.0	0.50		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:12	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.74		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.94		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	0.38		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.64		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.76		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	2.0	0.58		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.63		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	0.36		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.54		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.55		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	1.8		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.53		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.71		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.59		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluoroheptanoic acid (PFHpA)	ND	2.0	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluorooctanoic acid (PFOA)	ND	2.0	0.75		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	0.73		ng/L	1		EPA 533	6/11/25	6/13/25 11:12	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	69.1	50-200	6/13/25 11:12
M2-8:2FTS	109	50-200	6/13/25 11:12
MPFBA	94.5	50-200	6/13/25 11:12
M3HFPO-DA	55.9	50-200	6/13/25 11:12
M6PFDA	90.3	50-200	6/13/25 11:12
M3PFBS	93.1	50-200	6/13/25 11:12
M7PFUnA	92.9	50-200	6/13/25 11:12
M2-6:2FTS	139	50-200	6/13/25 11:12
M5PFPeA	94.1	50-200	6/13/25 11:12
M5PFHxA	84.9	50-200	6/13/25 11:12
M3PFHxS	96.2	50-200	6/13/25 11:12
M4PFHpA	80.1	50-200	6/13/25 11:12
M8PFOA	88.6	50-200	6/13/25 11:12
M8PFOS	100	50-200	6/13/25 11:12
M9PFNA	78.1	50-200	6/13/25 11:12
MPFDoA	81.1	50-200	6/13/25 11:12



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 2POST

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-15

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)	6.8	2.0	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluorobutanesulfonic acid (PFBS)	0.63	2.0	0.50		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluoropentanoic acid (PFPeA)	4.2	2.0	0.44		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluorohexanoic acid (PFHxA)	1.5	2.0	0.51		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:19	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.75		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.49		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.95		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	0.39		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.64		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.77		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	2.0	0.59		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.64		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	0.36		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluorohexanesulfonic acid (PFHxS)	0.58	2.0	0.46		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.54		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.55		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	1.8		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.54		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.72		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluoroheptanoic acid (PFHpA)	ND	2.0	0.61		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluorooctanoic acid (PFOA)	ND	2.0	0.76		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	0.73		ng/L	1		EPA 533	6/11/25	6/13/25 11:19	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	74.9	50-200	6/13/25 11:19
M2-8:2FTS	126	50-200	6/13/25 11:19
MPFBA	93.2	50-200	6/13/25 11:19
M3HFPO-DA	61.0	50-200	6/13/25 11:19
M6PFDA	95.5	50-200	6/13/25 11:19
M3PFBS	96.8	50-200	6/13/25 11:19
M7PFUnA	97.7	50-200	6/13/25 11:19
M2-6:2FTS	148	50-200	6/13/25 11:19
M5PFPeA	93.7	50-200	6/13/25 11:19
M5PFHxA	84.5	50-200	6/13/25 11:19
M3PFHxS	94.4	50-200	6/13/25 11:19
M4PFHpA	85.7	50-200	6/13/25 11:19
M8PFOA	94.5	50-200	6/13/25 11:19
M8PFOS	109	50-200	6/13/25 11:19
M9PFNA	88.1	50-200	6/13/25 11:19
MPFDoA	90.9	50-200	6/13/25 11:19



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 2S-25

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-16

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)	8.2	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluorobutanesulfonic acid (PFBS)	3.1	1.9	0.47		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluoropentanoic acid (PFPeA)	7.0	1.9	0.41		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluorohexanoic acid (PFHxA)	5.3	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.70		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.89		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.72		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.55		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluorohexanesulfonic acid (PFHxS)	5.2	1.9	0.43		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.75	1.9	0.50		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluoroheptanoic acid (PFHpA)	2.1	1.9	0.57		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluorooctanoic acid (PFOA)	3.5	1.9	0.71		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluorooctanesulfonic acid (PFOS)	6.3	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.69		ng/L	1		EPA 533	6/11/25	6/13/25 11:26	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	83.3	50-200	6/13/25 11:26
M2-8:2FTS	115	50-200	6/13/25 11:26
MPFBA	88.1	50-200	6/13/25 11:26
M3HFPO-DA	54.6	50-200	6/13/25 11:26
M6PFDA	78.9	50-200	6/13/25 11:26
M3PFBS	87.5	50-200	6/13/25 11:26
M7PFUnA	85.0	50-200	6/13/25 11:26
M2-6:2FTS	149	50-200	6/13/25 11:26
M5PFPeA	101	50-200	6/13/25 11:26
M5PFHxA	79.6	50-200	6/13/25 11:26
M3PFHxS	92.7	50-200	6/13/25 11:26
M4PFHpA	81.4	50-200	6/13/25 11:26
M8PFOA	85.5	50-200	6/13/25 11:26
M8PFOS	102	50-200	6/13/25 11:26
M9PFNA	77.5	50-200	6/13/25 11:26
MPFDoA	78.3	50-200	6/13/25 11:26



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 2S-50

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-17

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL		Units	DF	Flag/Qual	Method	Date	Date/Time	Analyst
				MA	ORSG					Prepared	Analyzed	
Perfluorobutanoic acid (PFBA)	7.8	2.0	0.51			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluorobutanesulfonic acid (PFBS)	2.6	2.0	0.50			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluoropentanoic acid (PFPeA)	6.7	2.0	0.43			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluorohexanoic acid (PFHxA)	4.9	2.0	0.50			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.74			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.51			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.48			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	0.94			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	0.38			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.63			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.76			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	2.0	0.58			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.63			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	0.36			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluorohexanesulfonic acid (PFHxS)	4.3	2.0	0.45			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.54			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.55			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	1.8			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.64	2.0	0.53			ng/L	1	J	EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.71			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.59			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluoroheptanoic acid (PFHpA)	2.2	2.0	0.60			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluorooctanoic acid (PFOA)	3.2	2.0	0.75			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluorooctanesulfonic acid (PFOS)	4.5	2.0	0.51			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	0.72			ng/L	1		EPA 533	6/11/25	6/13/25 11:33	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	70.7	50-200	6/13/25 11:33
M2-8:2FTS	98.3	50-200	6/13/25 11:33
MPFBA	87.0	50-200	6/13/25 11:33
M3HFPO-DA	51.7	50-200	6/13/25 11:33
M6PFDA	82.2	50-200	6/13/25 11:33
M3PFBS	86.0	50-200	6/13/25 11:33
M7PFUnA	84.4	50-200	6/13/25 11:33
M2-6:2FTS	131	50-200	6/13/25 11:33
M5PFPeA	98.3	50-200	6/13/25 11:33
M5PFHxA	75.8	50-200	6/13/25 11:33
M3PFHxS	89.3	50-200	6/13/25 11:33
M4PFHpA	77.9	50-200	6/13/25 11:33
M8PFOA	82.8	50-200	6/13/25 11:33
M8PFOS	94.9	50-200	6/13/25 11:33
M9PFNA	77.8	50-200	6/13/25 11:33
MPFDoA	78.5	50-200	6/13/25 11:33



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 2S-75

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-18

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)	6.8	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluorobutanesulfonic acid (PFBS)	2.0	1.9	0.49		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluoropentanoic acid (PFPeA)	4.8	1.9	0.43		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluorohexanoic acid (PFHxA)	4.0	1.9	0.49		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.72		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.47		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.92		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.38		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.62		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.75		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.57		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.62		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.35		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluorohexanesulfonic acid (PFHxS)	2.5	1.9	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.53		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.54		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.8		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.58		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluoroheptanoic acid (PFHpA)	1.3	1.9	0.59		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluorooctanoic acid (PFOA)	2.1	1.9	0.73		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluorooctanesulfonic acid (PFOS)	2.3	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.71		ng/L	1		EPA 533	6/11/25	6/13/25 11:40	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	77.3	50-200	6/13/25 11:40
M2-8:2FTS	124	50-200	6/13/25 11:40
MPFBA	103	50-200	6/13/25 11:40
M3HFPO-DA	50.1	50-200	6/13/25 11:40
M6PFDA	96.7	50-200	6/13/25 11:40
M3PFBS	99.3	50-200	6/13/25 11:40
M7PFUnA	98.5	50-200	6/13/25 11:40
M2-6:2FTS	148	50-200	6/13/25 11:40
M5PFPeA	109	50-200	6/13/25 11:40
M5PFHxA	90.2	50-200	6/13/25 11:40
M3PFHxS	104	50-200	6/13/25 11:40
M4PFHpA	92.2	50-200	6/13/25 11:40
M8PFOA	97.8	50-200	6/13/25 11:40
M8PFOS	115	50-200	6/13/25 11:40
M9PFNA	90.7	50-200	6/13/25 11:40
MPFDoA	94.2	50-200	6/13/25 11:40



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 2MID

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-19

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL		Units	DF	Flag/Qual	Method	Date	Date/Time	Analyst
			DL	MA ORSG					Prepared	Analyzed	
Perfluorobutanoic acid (PFBA)	7.4	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluorobutanesulfonic acid (PFBS)	1.9	1.9	0.47		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluoropentanoic acid (PFPeA)	5.8	1.9	0.41		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluorohexanoic acid (PFHxA)	3.4	1.9	0.47		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.69		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.88		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.72		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.55		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.33		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluorohexanesulfonic acid (PFHxS)	2.8	1.9	0.43		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.66		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluoroheptanoic acid (PFHpA)	1.2	1.9	0.56		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluorooctanoic acid (PFOA)	2.0	1.9	0.70		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluorooctanesulfonic acid (PFOS)	1.8	1.9	0.48		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:48	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.68		ng/L	1		EPA 533	6/11/25	6/13/25 11:48	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	68.7	50-200	6/13/25 11:48
M2-8:2FTS	114	50-200	6/13/25 11:48
MPFBA	92.2	50-200	6/13/25 11:48
M3HFPO-DA	53.3	50-200	6/13/25 11:48
M6PFDA	81.8	50-200	6/13/25 11:48
M3PFBS	88.7	50-200	6/13/25 11:48
M7PFUnA	81.2	50-200	6/13/25 11:48
M2-6:2FTS	148	50-200	6/13/25 11:48
M5PFPeA	97.6	50-200	6/13/25 11:48
M5PFHxA	79.8	50-200	6/13/25 11:48
M3PFHxS	100	50-200	6/13/25 11:48
M4PFHpA	77.9	50-200	6/13/25 11:48
M8PFOA	83.2	50-200	6/13/25 11:48
M8PFOS	106	50-200	6/13/25 11:48
M9PFNA	73.6	50-200	6/13/25 11:48
MPFDoA	79.6	50-200	6/13/25 11:48



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, New York

Sample Description:

Work Order: 25F0357

Date Received: 6/5/2025

Field Sample #: BH20250604- 3N-25

Sampled: 6/4/2025 00:00

Sample ID: 25F0357-20

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)	8.0	1.9	0.49		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluorobutanesulfonic acid (PFBS)	1.3	1.9	0.47		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluoropentanoic acid (PFPeA)	4.9	1.9	0.41		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluorohexanoic acid (PFHxA)	3.0	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.70		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.89		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.73		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.56		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.60		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluorohexanesulfonic acid (PFHxS)	1.4	1.9	0.43		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.51		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluoroheptanoic acid (PFHpA)	0.90	1.9	0.57		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluorooctanoic acid (PFOA)	1.1	1.9	0.71		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluorooctanesulfonic acid (PFOS)	0.83	1.9	0.49		ng/L	1	J	EPA 533	6/11/25	6/13/25 11:55	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.69		ng/L	1		EPA 533	6/11/25	6/13/25 11:55	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
M2-4:2FTS	68.7	50-200	6/13/25 11:55
M2-8:2FTS	133	50-200	6/13/25 11:55
MPFBA	95.2	50-200	6/13/25 11:55
M3HFPO-DA	68.3	50-200	6/13/25 11:55
M6PFDA	106	50-200	6/13/25 11:55
M3PFBS	92.4	50-200	6/13/25 11:55
M7PFUnA	98.2	50-200	6/13/25 11:55
M2-6:2FTS	155	50-200	6/13/25 11:55
M5PFPeA	99.4	50-200	6/13/25 11:55
M5PFHxA	85.8	50-200	6/13/25 11:55
M3PFHxS	100	50-200	6/13/25 11:55
M4PFHpA	86.9	50-200	6/13/25 11:55
M8PFOA	92.7	50-200	6/13/25 11:55
M8PFOS	112	50-200	6/13/25 11:55
M9PFNA	85.6	50-200	6/13/25 11:55
MPFDoA	93.5	50-200	6/13/25 11:55



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
25F0357-01 [BH20250604- PRE GAC]	B406819	247	1.00	06/11/25
25F0357-02 [BH20250604- POST GAC]	B406819	256	1.00	06/11/25
25F0357-03 [BH20250604- POST GAC DUP]	B406819	267	1.00	06/11/25
25F0357-04 [BH20250604- 1N-25]	B406819	279	1.00	06/11/25
25F0357-05 [BH20250604- 1N-50]	B406819	275	1.00	06/11/25
25F0357-06 [BH20250604- 1N-75]	B406819	268	1.00	06/11/25
25F0357-07 [BH20250604- 1POST]	B406819	266	1.00	06/11/25
25F0357-10 [BH20250604- 1S-75]	B406819	270	1.00	06/11/25
25F0357-11 [BH20250604- 1MID]	B406819	281	1.00	06/11/25
25F0357-12 [BH20250604- 2N-25]	B406819	269	1.00	06/11/25
25F0357-13 [BH20250604- 2N-50]	B406819	261	1.00	06/11/25
25F0357-14 [BH20250604- 2N-75]	B406819	252	1.00	06/11/25
25F0357-15 [BH20250604- 2POST]	B406819	248	1.00	06/11/25
25F0357-16 [BH20250604- 2S-25]	B406819	266	1.00	06/11/25
25F0357-17 [BH20250604- 2S-50]	B406819	252	1.00	06/11/25
25F0357-18 [BH20250604- 2S-75]	B406819	257	1.00	06/11/25
25F0357-19 [BH20250604- 2MID]	B406819	268	1.00	06/11/25
25F0357-20 [BH20250604- 3N-25]	B406819	265	1.00	06/11/25

Prep Method: EPA 533-EPA 533

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0357-08RE1 [BH20250604- 1S-25]	B406901	246	1.00	06/17/25
25F0357-09RE1 [BH20250604- 1S-50]	B406901	262	1.00	06/17/25



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 B406819 - EPA 533

Blank (B406819-BLK1)

Prepared: 06/11/25 Analyzed: 06/13/25

Perfluorobutanoic acid (PFBA)	ND	1.9	0.49	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.47	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.9	0.41	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.48	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.70	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.48	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.45	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.89	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.36	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.9	0.60	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.72	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	0.55	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.60	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.34	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.43	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.51	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.7	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.50	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.56	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.57	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.9	0.71	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.49	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.9	0.69	ng/L							
Surrogate: M2-4:2FTS	40.6			ng/L	35.36		115	50-200			
Surrogate: M2-8:2FTS	47.0			ng/L	36.19		130	50-200			
Surrogate: MPFBA	38.0			ng/L	37.70		101	50-200			
Surrogate: M3HFPO-DA	28.2			ng/L	37.70		74.9	50-200			
Surrogate: M6PFDA	37.6			ng/L	37.70		99.7	50-200			
Surrogate: M3PFBS	37.4			ng/L	35.13		106	50-200			
Surrogate: M7PFUnA	37.8			ng/L	37.70		100	50-200			
Surrogate: M2-6:2FTS	67.4			ng/L	35.85		188	50-200			
Surrogate: M5PFPeA	39.2			ng/L	37.70		104	50-200			
Surrogate: M5PFHxA	35.4			ng/L	37.70		93.8	50-200			
Surrogate: M3PFHxS	34.9			ng/L	35.74		97.6	50-200			
Surrogate: M4PFHpA	34.5			ng/L	37.70		91.6	50-200			
Surrogate: M8PFOA	39.2			ng/L	37.70		104	50-200			
Surrogate: M8PFOS	41.3			ng/L	36.15		114	50-200			
Surrogate: M9PFNA	33.3			ng/L	37.70		88.3	50-200			
Surrogate: MPFDoA	35.8			ng/L	37.70		94.9	50-200			

LCS (B406819-BS1)

Prepared: 06/11/25 Analyzed: 06/13/25

Perfluorobutanoic acid (PFBA)	1.88	1.9	0.49	ng/L	1.898		99.3	50-150			J
Perfluorobutanesulfonic acid (PFBS)	1.13	1.9	0.48	ng/L	1.898		59.4	50-150			J
Perfluoropentanoic acid (PFPeA)	1.43	1.9	0.42	ng/L	1.898		75.3	50-150			J
Perfluorohexanoic acid (PFHxA)	1.31	1.9	0.48	ng/L	1.898		69.3	50-150			J
11Cl-PF3OUdS (F53B Major)	1.40	1.9	0.70	ng/L	1.898		73.7	50-150			J

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 B406819 - EPA 533

LCS (B406819-BS1)

Prepared: 06/11/25 Analyzed: 06/13/25

9Cl-PF3ONS (F53B Minor)	1.55	1.9	0.49	ng/L	1.898		81.5	50-150			J
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.36	1.9	0.46	ng/L	1.898		71.5	50-150			J
Hexafluoropropylene oxide dimer acid (HFPO-DA)	1.70	1.9	0.90	ng/L	1.898		89.8	50-150			J
8:2 Fluorotelomersulfonic acid (8:2FTS A)	1.19	1.9	0.37	ng/L	1.898		62.8	50-150			J
Perfluorodecanoic acid (PFDA)	1.23	1.9	0.61	ng/L	1.898		64.6	50-150			J
Perfluorododecanoic acid (PFDoA)	1.41	1.9	0.73	ng/L	1.898		74.2	50-150			J
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	1.27	1.9	0.56	ng/L	1.898		66.7	50-150			J
Perfluoroheptanesulfonic acid (PFHpS)	1.49	1.9	0.61	ng/L	1.898		78.7	50-150			J
4:2 Fluorotelomersulfonic acid (4:2FTS A)	1.12	1.9	0.34	ng/L	1.898		59.1	50-150			J
Perfluorohexanesulfonic acid (PFHxS)	1.51	1.9	0.43	ng/L	1.898		79.7	50-150			J
Perfluoro-4-oxapentanoic acid (PFMPA)	1.27	1.9	0.51	ng/L	1.898		66.8	50-150			J
Perfluoro-5-oxahexanoic acid (PFMBA)	1.07	1.9	0.52	ng/L	1.898		56.5	50-150			J
6:2 Fluorotelomersulfonic acid (6:2FTS A)	1.54	1.9		ng/L	1.898		81.2	50-150			J
Perfluoropentanesulfonic acid (PFPeS)	1.39	1.9	0.50	ng/L	1.898		73.0	50-150			J
Perfluoroundecanoic acid (PFUnA)	1.25	1.9	0.67	ng/L	1.898		65.9	50-150			J
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.985	1.9	0.57	ng/L	1.898		51.9	50-150			J
Perfluoroheptanoic acid (PFHpA)	1.41	1.9	0.57	ng/L	1.898		74.3	50-150			J
Perfluorooctanoic acid (PFOA)	1.24	1.9	0.71	ng/L	1.898		65.4	50-150			J
Perfluorooctanesulfonic acid (PFOS)	1.41	1.9	0.49	ng/L	1.898		74.4	50-150			J
Perfluorononanoic acid (PFNA)	1.45	1.9	0.69	ng/L	1.898		76.6	50-150			J
Surrogate: M2-4:2FTS	39.2			ng/L	35.60		110	50-200			
Surrogate: M2-8:2FTS	49.7			ng/L	36.44		136	50-200			
Surrogate: MPFBA	39.3			ng/L	37.96		103	50-200			
Surrogate: M3HFPO-DA	29.3			ng/L	37.96		77.2	50-200			
Surrogate: M6PFDA	40.7			ng/L	37.96		107	50-200			
Surrogate: M3PFBS	39.6			ng/L	35.38		112	50-200			
Surrogate: M7PFUnA	41.1			ng/L	37.96		108	50-200			
Surrogate: M2-6:2FTS	59.6			ng/L	36.10		165	50-200			
Surrogate: M5PFPeA	40.0			ng/L	37.96		105	50-200			
Surrogate: M5PFHxA	36.6			ng/L	37.96		96.5	50-200			
Surrogate: M3PFHxS	37.3			ng/L	35.98		104	50-200			
Surrogate: M4PFHpA	36.2			ng/L	37.96		95.4	50-200			
Surrogate: M8PFOA	41.6			ng/L	37.96		110	50-200			
Surrogate: M8PFOS	44.8			ng/L	36.40		123	50-200			
Surrogate: M9PFNA	38.2			ng/L	37.96		101	50-200			
Surrogate: MPFDoA	39.0			ng/L	37.96		103	50-200			

Matrix Spike (B406819-MS1)

Source: 25F0357-02

Prepared: 06/11/25 Analyzed: 06/13/25

Perfluorobutanoic acid (PFBA)	9.69	2.0	0.51	ng/L	1.986	6.24	173	*	50-150		MS-22
Perfluorobutanesulfonic acid (PFBS)	2.34	2.0	0.50	ng/L	1.986	0.688	83.0		50-150		
Perfluoropentanoic acid (PFPeA)	5.54	2.0	0.43	ng/L	1.986	3.71	92.1		50-150		
Perfluorohexanoic acid (PFHxA)	3.36	2.0	0.50	ng/L	1.986	1.27	105		50-150		
11Cl-PF3OUdS (F53B Major)	1.76	2.0	0.74	ng/L	1.986	ND	88.8		50-150		J
9Cl-PF3ONS (F53B Minor)	1.72	2.0	0.51	ng/L	1.986	ND	86.7		50-150		J
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.67	2.0	0.48	ng/L	1.986	ND	84.0		50-150		J
Hexafluoropropylene oxide dimer acid (HFPO-DA)	1.65	2.0	0.94	ng/L	1.986	ND	83.0		50-150		J
8:2 Fluorotelomersulfonic acid (8:2FTS A)	1.61	2.0	0.38	ng/L	1.986	ND	80.8		50-150		J



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 B406819 - EPA 533

Matrix Spike (B406819-MS1)	Source: 25F0357-02				Prepared: 06/11/25 Analyzed: 06/13/25						
Perfluorodecanoic acid (PFDA)	1.59	2.0	0.63	ng/L	1.986	ND	79.9	50-150			J
Perfluorododecanoic acid (PFDoA)	1.65	2.0	0.76	ng/L	1.986	ND	83.3	50-150			J
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	1.66	2.0	0.58	ng/L	1.986	ND	83.4	50-150			J
Perfluoroheptanesulfonic acid (PFHpS)	1.56	2.0	0.63	ng/L	1.986	ND	78.5	50-150			J
4:2 Fluorotelomersulfonic acid (4:2FTS A)	1.57	2.0	0.36	ng/L	1.986	ND	79.0	50-150			J
Perfluorohexanesulfonic acid (PFHxS)	1.75	2.0	0.45	ng/L	1.986	ND	88.2	50-150			J
Perfluoro-4-oxapentanoic acid (PFMPA)	1.67	2.0	0.54	ng/L	1.986	ND	83.8	50-150			J
Perfluoro-5-oxahexanoic acid (PFMBA)	1.38	2.0	0.55	ng/L	1.986	ND	69.4	50-150			J
6:2 Fluorotelomersulfonic acid (6:2FTS A)	1.91	2.0	1.8	ng/L	1.986	ND	96.3	50-150			J
Perfluoropentanesulfonic acid (PFPeS)	1.51	2.0	0.53	ng/L	1.986	ND	76.0	50-150			J
Perfluoroundecanoic acid (PFUnA)	1.69	2.0	0.71	ng/L	1.986	ND	85.3	50-150			J
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.43	2.0	0.59	ng/L	1.986	ND	71.8	50-150			J
Perfluoroheptanoic acid (PFHpA)	1.99	2.0	0.60	ng/L	1.986	ND	100	50-150			J
Perfluorooctanoic acid (PFOA)	1.68	2.0	0.75	ng/L	1.986	ND	84.6	50-150			J
Perfluorooctanesulfonic acid (PFOS)	1.79	2.0	0.51	ng/L	1.986	ND	90.1	50-150			J
Perfluorononanoic acid (PFNA)	1.70	2.0	0.72	ng/L	1.986	ND	85.8	50-150			J
Surrogate: M2-4:2FTS	27.0			ng/L	37.26		72.5	50-200			
Surrogate: M2-8:2FTS	48.3			ng/L	38.14		127	50-200			
Surrogate: MPFBA	36.3			ng/L	39.73		91.4	50-200			
Surrogate: M3HFPO-DA	32.4			ng/L	39.73		81.5	50-200			
Surrogate: M6PFDA	38.0			ng/L	39.73		95.6	50-200			
Surrogate: M3PFBS	34.3			ng/L	37.03		92.7	50-200			
Surrogate: M7PFUnA	36.6			ng/L	39.73		92.0	50-200			
Surrogate: M2-6:2FTS	52.1			ng/L	37.78		138	50-200			
Surrogate: M5PFPeA	38.6			ng/L	39.73		97.2	50-200			
Surrogate: M5PFHxA	34.1			ng/L	39.73		85.8	50-200			
Surrogate: M3PFHxS	35.6			ng/L	37.66		94.4	50-200			
Surrogate: M4PFHpA	33.4			ng/L	39.73		84.1	50-200			
Surrogate: M8PFOA	35.8			ng/L	39.73		90.1	50-200			
Surrogate: M8PFOS	37.0			ng/L	38.10		97.1	50-200			
Surrogate: M9PFNA	34.2			ng/L	39.73		86.1	50-200			
Surrogate: MPFDoA	34.7			ng/L	39.73		87.4	50-200			

Matrix Spike Dup (B406819-MSD1)	Source: 25F0357-02				Prepared: 06/11/25 Analyzed: 06/13/25						
Perfluorobutanoic acid (PFBA)	9.10	2.0	0.52	ng/L	2.008	6.24	142	50-150	6.22	50	
Perfluorobutanesulfonic acid (PFBS)	2.28	2.0	0.50	ng/L	2.008	0.688	79.3	50-150	2.48	50	
Perfluoropentanoic acid (PFPeA)	5.34	2.0	0.44	ng/L	2.008	3.71	81.4	50-150	3.59	50	
Perfluorohexanoic acid (PFHxA)	3.33	2.0	0.51	ng/L	2.008	1.27	103	50-150	0.643	50	
11Cl-PF3OUdS (F53B Major)	1.71	2.0	0.74	ng/L	2.008	ND	85.4	50-150	2.92	50	J
9Cl-PF3ONS (F53B Minor)	1.63	2.0	0.52	ng/L	2.008	ND	81.0	50-150	5.66	50	J
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.82	2.0	0.48	ng/L	2.008	ND	90.6	50-150	8.61	50	J
Hexafluoropropylene oxide dimer acid (HFPO-DA)	2.28	2.0	0.95	ng/L	2.008	ND	114	50-150	32.0	50	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	1.64	2.0	0.39	ng/L	2.008	ND	81.9	50-150	2.42	50	J
Perfluorodecanoic acid (PFDA)	1.49	2.0	0.64	ng/L	2.008	ND	74.3	50-150	6.19	50	J
Perfluorododecanoic acid (PFDoA)	1.66	2.0	0.77	ng/L	2.008	ND	82.6	50-150	0.232	50	J
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	1.79	2.0	0.59	ng/L	2.008	ND	89.1	50-150	7.73	50	J
Perfluoroheptanesulfonic acid (PFHpS)	1.91	2.0	0.64	ng/L	2.008	ND	95.3	50-150	20.4	50	J
4:2 Fluorotelomersulfonic acid (4:2FTS A)	1.51	2.0	0.36	ng/L	2.008	ND	75.4	50-150	3.63	50	J



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 B406819 - EPA 533

Matrix Spike Dup (B406819-MSD1)		Source: 25F0357-02			Prepared: 06/11/25 Analyzed: 06/13/25						
Perfluorohexanesulfonic acid (PFHxS)	2.05	2.0	0.46	ng/L	2.008	ND	102	50-150	15.8	50	
Perfluoro-4-oxapentanoic acid (PFMPA)	1.62	2.0	0.54	ng/L	2.008	ND	80.8	50-150	2.60	50	J
Perfluoro-5-oxahexanoic acid (PFMBA)	1.32	2.0	0.55	ng/L	2.008	ND	65.7	50-150	4.40	50	J
6:2 Fluorotelomersulfonic acid (6:2FTS A)	2.04	2.0	1.8	ng/L	2.008	ND	102	50-150	6.58	50	
Perfluoropentanesulfonic acid (PFPeS)	1.59	2.0	0.53	ng/L	2.008	ND	79.2	50-150	5.20	50	J
Perfluoroundecanoic acid (PFUnA)	1.56	2.0	0.71	ng/L	2.008	ND	77.5	50-150	8.42	50	J
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.38	2.0	0.60	ng/L	2.008	ND	68.9	50-150	3.14	50	J
Perfluoroheptanoic acid (PFHpA)	2.05	2.0	0.61	ng/L	2.008	ND	102	50-150	3.21	50	
Perfluorooctanoic acid (PFOA)	2.08	2.0	0.75	ng/L	2.008	ND	104	50-150	21.3	50	
Perfluorooctanesulfonic acid (PFOS)	1.70	2.0	0.52	ng/L	2.008	ND	84.7	50-150	5.18	50	J
Perfluorononanoic acid (PFNA)	1.63	2.0	0.73	ng/L	2.008	ND	81.0	50-150	4.74	50	J
Surrogate: M2-4:2FTS	28.8			ng/L	37.66		76.5	50-200			
Surrogate: M2-8:2FTS	42.2			ng/L	38.55		110	50-200			
Surrogate: MPFBA	36.8			ng/L	40.15		91.6	50-200			
Surrogate: M3HFPO-DA	24.4			ng/L	40.15		60.7	50-200			
Surrogate: M6PFDA	35.6			ng/L	40.15		88.7	50-200			
Surrogate: M3PFBS	34.6			ng/L	37.42		92.5	50-200			
Surrogate: M7PFUnA	36.3			ng/L	40.15		90.5	50-200			
Surrogate: M2-6:2FTS	60.1			ng/L	38.19		157	50-200			
Surrogate: M5PFPeA	38.7			ng/L	40.15		96.5	50-200			
Surrogate: M5PFHxA	32.3			ng/L	40.15		80.4	50-200			
Surrogate: M3PFHxS	36.3			ng/L	38.07		95.4	50-200			
Surrogate: M4PFHpA	32.0			ng/L	40.15		79.6	50-200			
Surrogate: M8PFOA	34.7			ng/L	40.15		86.4	50-200			
Surrogate: M8PFOS	41.1			ng/L	38.51		107	50-200			
Surrogate: M9PFNA	33.3			ng/L	40.15		83.0	50-200			
Surrogate: MPFDoA	32.7			ng/L	40.15		81.5	50-200			

Batch B406901 - EPA 533

Blank (B406901-BLK1)		Prepared: 06/17/25 Analyzed: 06/18/25									
Perfluorobutanoic acid (PFBA)	ND	1.8	0.47	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	0.45	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.8	0.40	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.8	0.46	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.67	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.46	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.44	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.86	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	0.35	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.8	0.58	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.70	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.53	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.58	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	0.33	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	0.41	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.49	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.50	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	1.7	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 B406901 - EPA 533

Blank (B406901-BLK1)

Prepared: 06/17/25 Analyzed: 06/18/25

Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.48	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.64	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.54	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.8	0.55	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.8	0.68	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	0.47	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.8	0.66	ng/L							
Surrogate: M2-4:2FTS	33.2			ng/L	33.97		97.7	50-200			
Surrogate: M2-8:2FTS	36.9			ng/L	34.77		106	50-200			
Surrogate: MPFBA	33.3			ng/L	36.21		91.8	50-200			
Surrogate: M3HFPO-DA	23.0			ng/L	36.21		63.4	50-200			
Surrogate: M6PFDA	37.1			ng/L	36.21		103	50-200			
Surrogate: M3PFBS	37.5			ng/L	33.75		111	50-200			
Surrogate: M7PFUnA	39.5			ng/L	36.21		109	50-200			
Surrogate: M2-6:2FTS	44.2			ng/L	34.44		128	50-200			
Surrogate: M5PFPeA	34.3			ng/L	36.21		94.6	50-200			
Surrogate: M5PFHxA	34.2			ng/L	36.21		94.5	50-200			
Surrogate: M3PFHxS	36.7			ng/L	34.33		107	50-200			
Surrogate: M4PFHpA	35.4			ng/L	36.21		97.6	50-200			
Surrogate: M8PFOA	41.1			ng/L	36.21		113	50-200			
Surrogate: M8PFOS	39.0			ng/L	34.73		112	50-200			
Surrogate: M9PFNA	39.7			ng/L	36.21		110	50-200			
Surrogate: MPFDoA	36.0			ng/L	36.21		99.3	50-200			

LCS (B406901-BS1)

Prepared: 06/17/25 Analyzed: 06/18/25

Perfluorobutanoic acid (PFBA)	2.03	1.8	0.47	ng/L	1.840		110	50-150			
Perfluorobutanesulfonic acid (PFBS)	1.46	1.8	0.46	ng/L	1.840		79.3	50-150			J
Perfluoropentanoic acid (PFPeA)	1.36	1.8	0.40	ng/L	1.840		73.8	50-150			J
Perfluorohexanoic acid (PFHxA)	1.14	1.8	0.47	ng/L	1.840		62.0	50-150			J
11Cl-PF3OUdS (F53B Major)	1.33	1.8	0.68	ng/L	1.840		72.2	50-150			J
9Cl-PF3ONS (F53B Minor)	1.33	1.8	0.47	ng/L	1.840		72.1	50-150			J
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.59	1.8	0.44	ng/L	1.840		86.4	50-150			J
Hexafluoropropylene oxide dimer acid (HFPO-DA)	2.55	1.8	0.87	ng/L	1.840		138	50-150			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	1.57	1.8	0.35	ng/L	1.840		85.2	50-150			J
Perfluorodecanoic acid (PFDA)	1.48	1.8	0.59	ng/L	1.840		80.5	50-150			J
Perfluorododecanoic acid (PFDoA)	1.67	1.8	0.71	ng/L	1.840		90.9	50-150			J
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	1.29	1.8	0.54	ng/L	1.840		69.9	50-150			J
Perfluoroheptanesulfonic acid (PFHpS)	1.28	1.8	0.59	ng/L	1.840		69.6	50-150			J
4:2 Fluorotelomersulfonic acid (4:2FTS A)	1.45	1.8	0.33	ng/L	1.840		78.7	50-150			J
Perfluorohexanesulfonic acid (PFHxS)	1.70	1.8	0.42	ng/L	1.840		92.4	50-150			J
Perfluoro-4-oxapentanoic acid (PFMPA)	1.77	1.8	0.50	ng/L	1.840		96.0	50-150			J
Perfluoro-5-oxahexanoic acid (PFMBA)	1.57	1.8	0.51	ng/L	1.840		85.3	50-150			J
6:2 Fluorotelomersulfonic acid (6:2FTS A)	1.10	1.8		ng/L	1.840		59.6	50-150			J
Perfluoropentanesulfonic acid (PFPeS)	1.72	1.8	0.49	ng/L	1.840		93.5	50-150			J
Perfluoroundecanoic acid (PFUnA)	1.42	1.8	0.65	ng/L	1.840		77.0	50-150			J
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.29	1.8	0.55	ng/L	1.840		69.9	50-150			J
Perfluoroheptanoic acid (PFHpA)	1.46	1.8	0.56	ng/L	1.840		79.5	50-150			J
Perfluorooctanoic acid (PFOA)	1.34	1.8	0.69	ng/L	1.840		73.0	50-150			J



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 B406901 - EPA 533

LCS (B406901-BS1)

Prepared: 06/17/25 Analyzed: 06/18/25

Perfluorooctanesulfonic acid (PFOS)	1.23	1.8	0.47	ng/L	1.840		66.9	50-150			J
Perfluorononanoic acid (PFNA)	1.48	1.8	0.67	ng/L	1.840		80.3	50-150			J
Surrogate: M2-4:2FTS	29.9			ng/L	34.52		86.7	50-200			
Surrogate: M2-8:2FTS	38.8			ng/L	35.33		110	50-200			
Surrogate: MPFBA	33.0			ng/L	36.80		89.6	50-200			
Surrogate: M3HFPO-DA	26.0			ng/L	36.80		70.5	50-200			
Surrogate: M6PFDA	34.2			ng/L	36.80		93.1	50-200			
Surrogate: M3PFBS	35.6			ng/L	34.30		104	50-200			
Surrogate: M7PFUnA	37.4			ng/L	36.80		102	50-200			
Surrogate: M2-6:2FTS	39.7			ng/L	35.00		114	50-200			
Surrogate: M5PFPeA	36.2			ng/L	36.80		98.5	50-200			
Surrogate: M5PFHxA	32.4			ng/L	36.80		88.0	50-200			
Surrogate: M3PFHxS	31.0			ng/L	34.89		88.8	50-200			
Surrogate: M4PFHpA	30.6			ng/L	36.80		83.1	50-200			
Surrogate: M8PFOA	35.0			ng/L	36.80		95.1	50-200			
Surrogate: M8PFOS	35.8			ng/L	35.29		102	50-200			
Surrogate: M9PFNA	38.5			ng/L	36.80		105	50-200			
Surrogate: MPFDoA	34.8			ng/L	36.80		94.6	50-200			

LCS Dup (B406901-BS1)

Prepared: 06/17/25 Analyzed: 06/19/25

Perfluorobutanoic acid (PFBA)	2.15	1.9	0.49	ng/L	1.912		112	50-150	5.73	50	
Perfluorobutanesulfonic acid (PFBS)	1.47	1.9	0.48	ng/L	1.912		76.7	50-150	0.506	50	J
Perfluoropentanoic acid (PFPeA)	1.55	1.9	0.42	ng/L	1.912		81.2	50-150	13.3	50	J
Perfluorohexanoic acid (PFHxA)	1.28	1.9	0.48	ng/L	1.912		66.9	50-150	11.4	50	J
11Cl-PF3OUdS (F53B Major)	1.34	1.9	0.71	ng/L	1.912		70.3	50-150	1.18	50	J
9Cl-PF3ONS (F53B Minor)	1.34	1.9	0.49	ng/L	1.912		69.9	50-150	0.696	50	J
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.69	1.9	0.46	ng/L	1.912		88.6	50-150	6.32	50	J
Hexafluoropropylene oxide dimer acid (HFPO-DA)	1.34	1.9	0.90	ng/L	1.912		69.9	50-150	62.3 *	50	R-05, J
8:2 Fluorotelomersulfonic acid (8:2FTS A)	1.66	1.9	0.37	ng/L	1.912		86.8	50-150	5.64	50	J
Perfluorodecanoic acid (PFDA)	1.52	1.9	0.61	ng/L	1.912		79.3	50-150	2.34	50	J
Perfluorododecanoic acid (PFDoA)	1.56	1.9	0.74	ng/L	1.912		81.5	50-150	7.00	50	J
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.46	1.9	0.56	ng/L	1.912		76.6	50-150	12.9	50	J
Perfluoroheptanesulfonic acid (PFHpS)	1.03	1.9	0.61	ng/L	1.912		53.8	50-150	21.8	50	J
4:2 Fluorotelomersulfonic acid (4:2FTS A)	1.78	1.9	0.34	ng/L	1.912		92.9	50-150	20.3	50	J
Perfluorohexanesulfonic acid (PFHxS)	1.84	1.9	0.44	ng/L	1.912		96.2	50-150	7.77	50	J
Perfluoro-4-oxapentanoic acid (PFMPA)	1.95	1.9	0.52	ng/L	1.912		102	50-150	9.70	50	
Perfluoro-5-oxahexanoic acid (PFMBA)	1.98	1.9	0.53	ng/L	1.912		104	50-150	23.2	50	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	1.60	1.9		ng/L	1.912		83.6	50-150	37.3	50	J
Perfluoropentanesulfonic acid (PFPeS)	1.74	1.9	0.51	ng/L	1.912		91.2	50-150	1.41	50	J
Perfluoroundecanoic acid (PFUnA)	1.44	1.9	0.68	ng/L	1.912		75.2	50-150	1.45	50	J
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.64	1.9	0.57	ng/L	1.912		85.7	50-150	24.0	50	J
Perfluoroheptanoic acid (PFHpA)	1.57	1.9	0.58	ng/L	1.912		82.3	50-150	7.28	50	J
Perfluorooctanoic acid (PFOA)	1.34	1.9	0.72	ng/L	1.912		70.2	50-150	0.187	50	J
Perfluorooctanesulfonic acid (PFOS)	1.55	1.9	0.49	ng/L	1.912		81.0	50-150	22.8	50	J
Perfluorononanoic acid (PFNA)	1.55	1.9	0.70	ng/L	1.912		81.2	50-150	4.97	50	J
Surrogate: M2-4:2FTS	34.2			ng/L	35.87		95.3	50-200			
Surrogate: M2-8:2FTS	39.8			ng/L	36.71		109	50-200			
Surrogate: MPFBA	32.7			ng/L	38.24		85.5	50-200			



Pace Analytical Services, LLC - East Longmeadow, Ma

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

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 B406901 - EPA 533**LCS Dup (B406901-BSD1)**

Prepared: 06/17/25 Analyzed: 06/19/25

Surrogate: M3HFPO-DA	27.2			ng/L	38.24		71.1	50-200			
Surrogate: M6PFDA	37.9			ng/L	38.24		99.1	50-200			
Surrogate: M3PFBS	34.9			ng/L	35.64		97.9	50-200			
Surrogate: M7PFUnA	39.7			ng/L	38.24		104	50-200			
Surrogate: M2-6:2FTS	39.1			ng/L	36.37		108	50-200			
Surrogate: M5PFPeA	33.3			ng/L	38.24		87.0	50-200			
Surrogate: M5PFHxA	34.4			ng/L	38.24		89.9	50-200			
Surrogate: M3PFHxS	34.8			ng/L	36.25		96.0	50-200			
Surrogate: M4PFHpA	34.8			ng/L	38.24		91.0	50-200			
Surrogate: M8PFOA	39.6			ng/L	38.24		104	50-200			
Surrogate: M8PFOS	38.5			ng/L	36.67		105	50-200			
Surrogate: M9PFNA	41.9			ng/L	38.24		110	50-200			
Surrogate: MPFDoA	36.6			ng/L	38.24		95.7	50-200			

**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).
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

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

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	06/30/2025
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

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

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

Page 1 of 3

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

Company Name: **NYS DEC** Consultant: Arcadis

Consultant Address: 646 Plank Road Suite 100, Clifton Park, NY 12065

Consultant Phone: 518-250-7269

Callout Project Name: Stewart ANG- Butterhill

Project Location: New Windsor, New York

Callout Number: 151957

Site/Spill Number: 336089

Project Manager: David Chiusano

Pace Analytical Quote Name/Number Callout ID 151957

Invoice Recipient: David Chiusano

Sampled By: Mohamed Ahmed/ Case VanDeValk

Requested Turnaround Time ☒ DEC Standard 30-calendar day ☐ Rush (Prior Approval Required)

Due Date: _____

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: David.Chiusano@dec.ny.gov
Fax To #: _____

Pace Analytical Work Order #	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code
1	BH20250604 - PRE GAC	6/4/2025			X	DW	
2	BH20250604 - POST GAC	6/4/2025			X	DW	
3	BH20250604 - POST GAC DUP	6/4/2025			X	DW	
4	BH20250604 - 1N - 75	6/4/2025			X	DW	
5	BH20250604 - 1N - 50	6/4/2025			X	DW	
6	BH20250604 - 1N - 75	6/4/2025			X	DW	
7	BH20250604 - IPOST	6/4/2025			X	DW	
8	BH20250604 - 1S - 25	6/4/2025			X	DW	
9	BH20250604 - 1S - 50	6/4/2025			X	DW	
10	BH20250604 - 1S - 75	6/4/2025			X	DW	

Comments: Please forward results to Dana.Bryant@Arcadis.com

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) Received by: (signature) Relinquished by: (signature) Received by: (signature)	Date/Time: 6/4/25 11:34 6/4/25 11:34 6/4/25 11:34 6/4/25 11:34	Program & Regulatory Information ☐ AWQ STDs ☐ NY TOGS ☐ NYC Sewer Discharge ☐ NY CP-51 ☐ Part 360 GW (Landfill) ☐ NY Restricted Use ☐ NY Unrestricted Use ☐ NY Part 375	Enhanced Data Package ☒ NYSDEC EQUIS EDD ☒ EQUIS (Standard) EDD ☐ NY Regulatory EDD ☐ NY Regs Hits-Only EDD
Relinquished by: (signature) Received by: (signature)	Date/Time: 6/4/25 11:34 6/4/25 11:34	Other: Project Entity ☐ Government ☐ Municipality ☐ MWRA ☐ WRTA ☐ Federal ☐ 21 J ☐ School ☐ MBTA ☐ City ☐ Brownfield	Deliverables ☒ Chromatogram ☐ AIHA-LAP, LLC

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)

Page 2 of 3

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

Company Name: NYS DEC

Consultant: Arcadis

Consultant Address: 646 Plank Road Suite 100, Clifton Park, NY 12065

Consultant Phone: 518-250-7269

Callout Project Name: Stewart ANG - Butterhill

Project Location: New Windsor, New York

Callout Number: 151957

Site/Spill Number: 336089

Project Manager: David Chiusano

Pace Analytical Quote Name/Number Callout ID 151957

Invoice Recipient: David Chiusano

Sampled By: Mohamed Ahmed/ Case VanDeValk

Pace Analytical Work Order #	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc. Code
11	BH20250604 - 1MID	6/4/2025			X	DW	
12	BH20250604 - 2N - 25	6/4/2025			X	DW	
13	BH20250604 - 2N - 50	6/4/2025			X	DW	
14	BH20250604 - 2N - 75	6/4/2025			X	DW	
15	BH20250604 - 2POST	6/4/2025			X	DW	
16	BH20250604 - 2S - 25	6/4/2025			X	DW	
17	BH20250604 - 2S - 50	6/4/2025			X	DW	
18	BH20250604 - 2S - 75	6/4/2025			X	DW	
19	BH20250604 - 2MID	6/4/2025			X	DW	
20	BH20250604 - 3N - 25	6/4/2025			X	DW	

Comments: Please forward results to Dana.Bryant@Arcadis.com

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) <i>Core Parker</i>	Date/Time: 6/4/25 11:34	Program & Regulatory Information		Deliverables	
Relinquished by: (signature) <i>Alfred</i>	Date/Time: 6/4/25 13:34	☐ AWQ STDs ☐ NYC Sewer Discharge ☐ Part 360 GW (Landfill) ☐ NY Restricted Use ☐ NY Unrestricted Use ☐ NY Part 375		☒ Enhanced Data Package ☒ NYSDEC EQUIS EDD ☐ EQUIS (Standard) EDD ☐ NY Regulatory EDD ☐ NY Regs Hits-Only EDD	
Relinquished by: (signature) <i>Alfred</i>	Date/Time: 6/4/25 17:00	Other:		Other:	
Relinquished by: (signature) <i>Alfred</i>	Date/Time: 6/4/25 17:00	Project Entity		Other:	
Relinquished by: (signature) <i>Alfred</i>	Date/Time: 6/4/25 17:00	☐ Government ☐ Federal ☐ City		☐ MWRA ☐ School ☐ MBTA	
Relinquished by: (signature) <i>Alfred</i>	Date/Time: 6/4/25 17:00	☐ Municipality ☐ 21 J ☐ Brownfield		☐ Chromatogram ☐ AIHA-LAP, LLC	
Relinquished by: (signature) <i>Alfred</i>	Date/Time: 6/4/25 17:00	☐ PCB ONLY ☐ Soxhlet ☐ Non Soxhlet			

	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

Log In Back-Sheet

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

Client Dec
 Project Stewart ANG- Butterhill
 MCP/RCP Required _____
 Deliverable Package Requirement _____
 Location New Windsor, NC
 PWSID# (When Applicable) _____
 Arrival Method:
 Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐
 Received By / Date / Time Eva T 6-5-25/10 1:15
 Back-Sheet By / Date / Time Eli 6-6-25/15:09
 Temperature Method Glu # 6
 WV samples: Yes (see note*) / No (follow normal procedure)
 Temp < 6° C Actual Temperature 6
 Rush Samples: Yes / No Notify _____
 Short Hold: Yes / No Notify _____

Notes regarding Samples/COC outside of SOP:

	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: <u>N/A</u>	☐	☐

Additional Container Notes

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



DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist

Effective Date: 06/11/2024

[illegible]