NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

SEAN MAHAR
Interim Commissioner

January 16, 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 **December 17, 2024** 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.

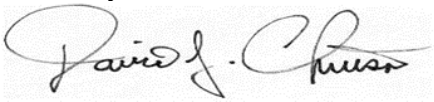
- pre-treatment (combined raw untreated water), which has a “BH20241217PRE-GAC” identifier in the Client Sample ID;
- 25 % treatment (within the lead GAC canister in Pair Train No. 1), which has a “BH20241217-1N-25” identifier in the Client Sample ID;
- 50 % treatment (within the lead GAC canister in Pair Train No. 1), which has a “BH20241217-1N-50” identifier in the Client Sample ID;
- 75 % treatment (within the lead GAC canister in Pair Train No. 1), which has a “BH20241217-1N-75” identifier in the Client Sample ID;
- 25 % treatment (within the lead GAC canister in Pair Train No. 2), which has a “BH20241217-2N-25” identifier in the Client Sample ID;
- 50 % treatment (within the lead GAC canister in Pair Train No. 2), which has a “BH20241217-2N-50” identifier in the Client Sample ID;
- 75 % treatment (within the lead GAC canister in Pair Train No. 2), which has a “BH20241217-2N-75” identifier in the Client Sample ID;
- 25 % treatment (within the lead GAC canister in Pair Train No. 3), which has a “BH20241217-3N-25” identifier in the Client Sample ID;
- 50 % treatment (within the lead GAC canister in Pair Train No. 3), which has a “BH20241217-3N-50” identifier in the Client Sample ID;

- 75 % treatment (within the lead GAC canister in Pair Train No. 3), which has a “BH20241217-3N-75” identifier in the Client Sample ID;
- Butterhill Well No.1 raw untreated water; which has a “BH20241217-1RAW” identifier in the Client Sample ID;
- Butterhill Well No.2 raw untreated water; which has a “BH20241217-2RAW” identifier in the Client Sample ID;
- Butterhill Well No.3 raw untreated water; which has a “BH20241217-3RAW” identifier in the Client Sample ID;
- Post-treatment (treated water after all GAC trains), which has a “BH20241217POST-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 “BH20241217-1 MID” identifier in the Client Sample ID;
- post-treatment (after the GAC Pair Train 1), which has a “BH20241217-1 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 “BH20241217-2 MID” identifier in the Client Sample ID;
- post-treatment (after the GAC Pair Train 2), which has a “BH20241217-2 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 “BH20241217-3 MID” identifier in the Client Sample ID;
- post-treatment (after the GAC Pair Train 3), which has a “BH20241217-3 POST” identifier in the Client Sample ID;
- 25 % treatment (within the lag GAC canister in Pair Train No. 1), which has a “BH20241217-1S-25” identifier in the Client Sample ID;
- 50 % treatment (within the lag GAC canister in Pair Train No. 1), which has a “BH20241217-1S-50” identifier in the Client Sample ID;
- 75 % treatment (within the lag GAC canister in Pair Train No. 1), which has a “BH20241217-1S-75” identifier in the Client Sample ID;
- 25 % treatment (within the lag GAC canister in Pair Train No. 2), which has a “BH20241217-2S-25” identifier in the Client Sample ID;
- 50 % treatment (within the lag GAC canister in Pair Train No. 2), which has a “BH20241217-2S-50” identifier in the Client Sample ID;
- 75 % treatment (within the lag GAC canister in Pair Train No. 2), which has a “BH20241217-2S-75” identifier in the Client Sample ID;
- 25 % treatment (within the lag GAC canister in Pair Train No. 3), which has a “BH20241217-3S-25” identifier in the Client Sample ID;
- 50 % treatment (within the lag GAC canister in Pair Train No. 3), which has a “BH20241217-3S-50” identifier in the Client Sample ID;
- 75 % treatment (within the lag GAC canister in Pair Train No. 3), which has a “BH20241217-3S-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,



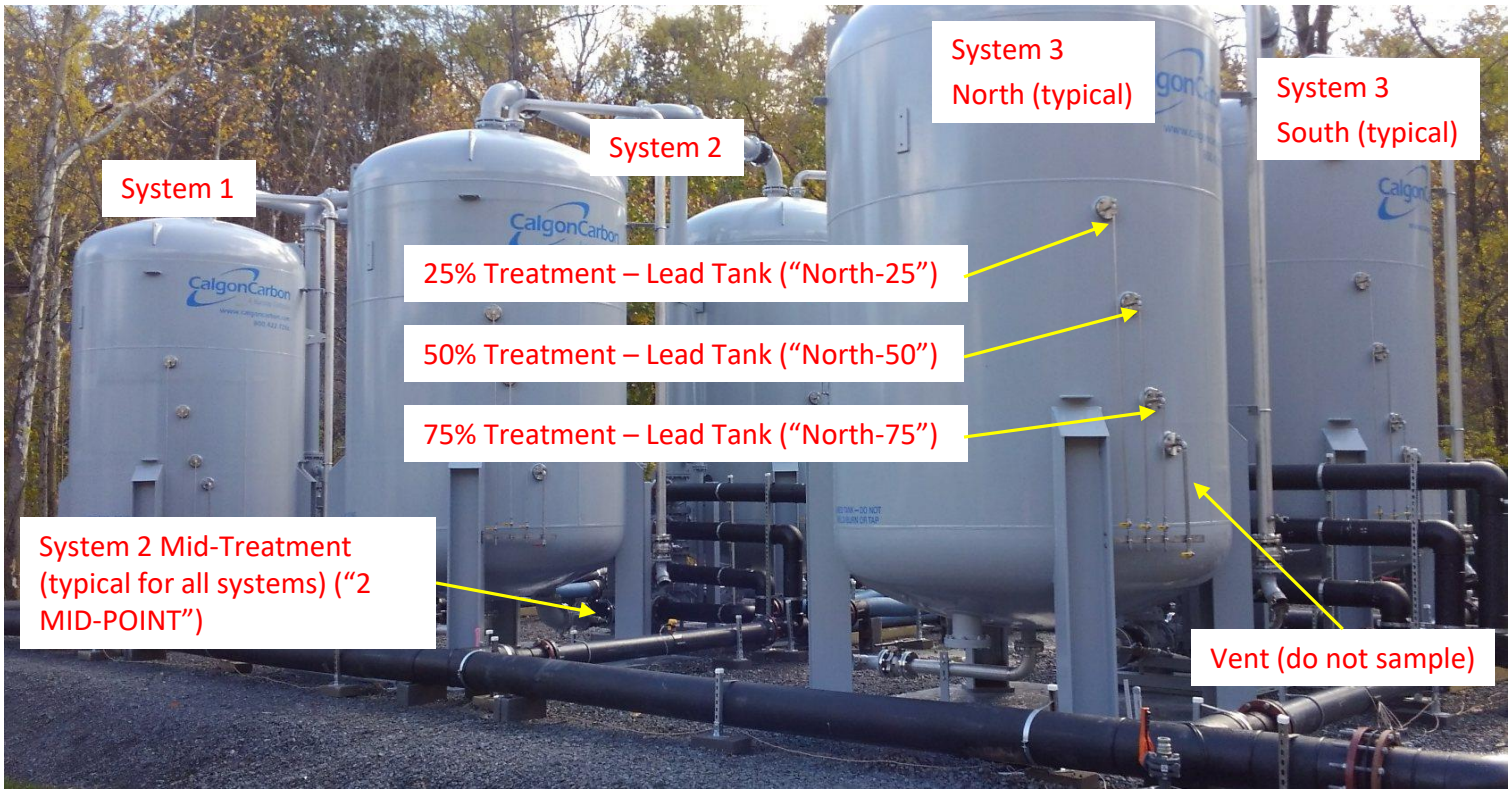
David J. Chiusano
Project Director
Office of the Director
Division of Environmental Remediation

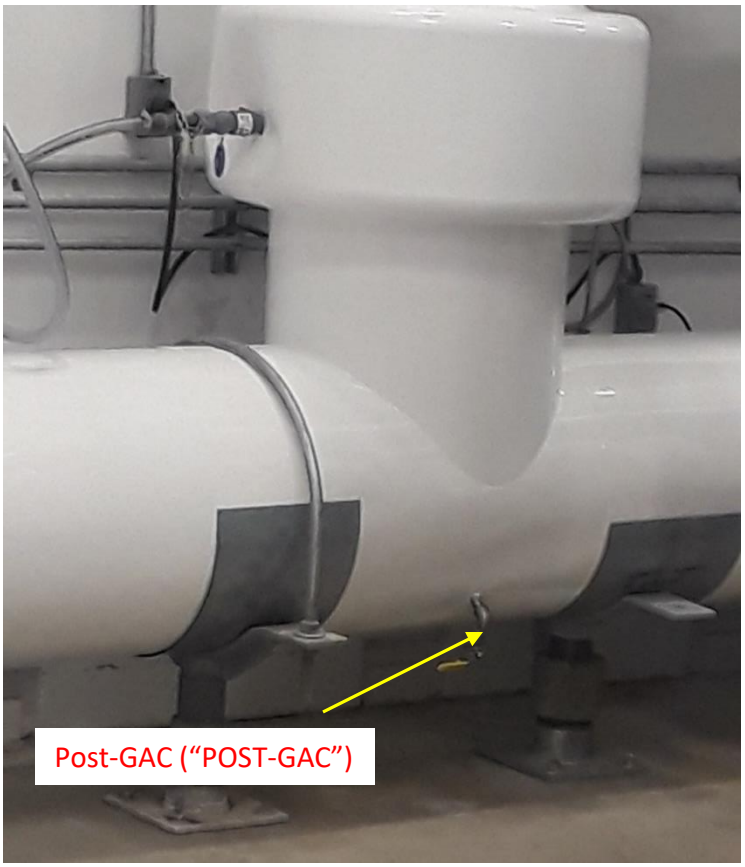
Enclosures

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	10^4
September 2022 (Well 3)	PFOA	3.8	3.3	5.3	6.1	5.7	4.7	4.5	6.1	5.3	4.2	5.6	5.2	4.3	ND	10^4
	PFOS	4.3	3.7	**11**	**12**	**10**	7.3	5.5	9.0	7.3	5.9	8.9	7.4	5.2	ND	**10^4**
December 2022 (Well 2)	PFOA	3.2	4.2	5.2	3.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10^4
	PFOS	3.4	4.3	9.9	4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10^4

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

Notes:

* Method 533 List Analysis

** At the time of sampling (12/17/2024) 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

Notes:

* Method 533 List Analysis

** At the time of sampling (12/17/2024) 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 I 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.

Pace Analytical Services, LLC - East Longmeadow, Ma

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

January 13, 2025

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

Project Location: New Windsor, NY
Client Job Number:
Project Number: 336089
Laboratory Work Order Number: 24L1766

Enclosed are results of analyses for samples as received by the laboratory on December 20, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

Table of Contents

Pace Analytical Services, LLC - East Longmeadow, Ma

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

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

REPORT DATE: 1/13/2025

PURCHASE ORDER NUMBER: 151957

PROJECT NUMBER: 336089

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24L1766

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, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
BH20241217 - 3N-50	24L1766-01	Drinking Water		EPA 533	
BH20241217 - 3N-75	24L1766-02	Drinking Water		EPA 533	
BH20241217 - 3MID	24L1766-03	Drinking Water		EPA 533	
BH20241217 - 3S-25	24L1766-04	Drinking Water		EPA 533	
BH20241217 - 3S-50	24L1766-05	Drinking Water		EPA 533	
BH20241217 - 3S-75	24L1766-06	Drinking Water		EPA 533	
BH20241217 - 3POST	24L1766-07	Drinking Water		EPA 533	
BH20241217 - 1RAW	24L1766-08	Drinking Water		EPA 533	
BH20241217 - 2RAW	24L1766-09	Drinking Water		EPA 533	
BH20241217 - 3RAW	24L1766-10	Drinking Water		EPA 533	

Pace Analytical Services, LLC - East Longmeadow, Ma

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

CASE NARRATIVE SUMMARY

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

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

Lisa A. Worthington
Technical Representative

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, NY | Sample Description: | Work Order: 24L1766

Date Received: 12/20/2024

Field Sample #: BH20241217 - 3N-50 | Sampled: 12/17/2024 00:00

Sample ID: 24L1766-01

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)	6.6	1.9	0.63		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.58		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluoropentanoic acid (PFPeA)	2.6	1.9	0.57		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.62		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.73		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.74		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.53		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.98		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.63		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.66		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.82		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.58		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.68		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.51		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.67		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.56		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.68		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.54		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.55		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.70		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.99		ng/L	1		EPA 533	1/9/25	1/10/25 15:29	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	80.5	50-200		1/10/25 15:29
M2-8:2FTS	96.7	50-200		1/10/25 15:29
MPFBA	93.1	50-200		1/10/25 15:29
M3HFPO-DA	93.7	50-200		1/10/25 15:29
M6PFDA	102	50-200		1/10/25 15:29
M3PFBS	102	50-200		1/10/25 15:29
M7PFUnA	101	50-200		1/10/25 15:29
M2-6:2FTS	111	50-200		1/10/25 15:29
M5PFPeA	101	50-200		1/10/25 15:29
M5PFHxA	93.4	50-200		1/10/25 15:29
M3PFHxS	88.6	50-200		1/10/25 15:29
M4PFHpA	89.0	50-200		1/10/25 15:29
M8PFOA	102	50-200		1/10/25 15:29
M8PFOS	91.0	50-200		1/10/25 15:29
M9PFNA	103	50-200		1/10/25 15:29
MPFDoA	98.2	50-200		1/10/25 15:29

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, NY Sample Description: Work Order: 24L1766

Date Received: 12/20/2024

Field Sample #: BH20241217 - 3N-75 Sampled: 12/17/2024 00:00

Sample ID: 24L1766-02

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	4.1	1.9	0.64		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.59		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluoropentanoic acid (PFPeA)	ND	1.9	0.58		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.63		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.74		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.75		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.54		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.99		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.64		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.67		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.83		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.58		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.68		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.51		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.68		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.56		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.66		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.70		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.69		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.55		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.55		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.71		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	1.0		ng/L	1		EPA 533	1/9/25	1/10/25 15:36	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	74.7	50-200		1/10/25 15:36
M2-8:2FTS	97.2	50-200		1/10/25 15:36
MPFBA	98.4	50-200		1/10/25 15:36
M3HFPO-DA	103	50-200		1/10/25 15:36
M6PFDA	106	50-200		1/10/25 15:36
M3PFBS	95.3	50-200		1/10/25 15:36
M7PFUnA	101	50-200		1/10/25 15:36
M2-6:2FTS	113	50-200		1/10/25 15:36
M5PFPeA	101	50-200		1/10/25 15:36
M5PFHxA	98.2	50-200		1/10/25 15:36
M3PFHxS	93.5	50-200		1/10/25 15:36
M4PFHpA	96.0	50-200		1/10/25 15:36
M8PFOA	104	50-200		1/10/25 15:36
M8PFOS	98.8	50-200		1/10/25 15:36
M9PFNA	108	50-200		1/10/25 15:36
MPFDoA	98.1	50-200		1/10/25 15:36

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, NY | Sample Description: | Work Order: 24L1766

Date Received: 12/20/2024

Field Sample #: BH20241217 - 3MID | Sampled: 12/17/2024 00:00

Sample ID: 24L1766-03

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	4.0	1.9	0.61		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.56		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluoropentanoic acid (PFPeA)	1.0	1.9	0.55		ng/L	1	J	EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.60		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.70		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.72		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.51		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.95		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.61		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.64		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.79		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.56		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.49		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.54		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.49		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.63		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.66		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.52		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.53		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.68		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.95		ng/L	1		EPA 533	1/9/25	1/10/25 15:43	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	83.9	50-200		1/10/25 15:43
M2-8:2FTS	107	50-200		1/10/25 15:43
MPFBA	99.6	50-200		1/10/25 15:43
M3HFPO-DA	107	50-200		1/10/25 15:43
M6PFDA	98.2	50-200		1/10/25 15:43
M3PFBS	104	50-200		1/10/25 15:43
M7PFUnA	92.2	50-200		1/10/25 15:43
M2-6:2FTS	108	50-200		1/10/25 15:43
M5PFPeA	99.2	50-200		1/10/25 15:43
M5PFHxA	96.3	50-200		1/10/25 15:43
M3PFHxS	101	50-200		1/10/25 15:43
M4PFHpA	98.6	50-200		1/10/25 15:43
M8PFOA	100	50-200		1/10/25 15:43
M8PFOS	99.3	50-200		1/10/25 15:43
M9PFNA	101	50-200		1/10/25 15:43
MPFDoA	89.4	50-200		1/10/25 15:43

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, NY Sample Description: Work Order: 24L1766

Date Received: 12/20/2024

Field Sample #: BH20241217 - 3S-25 Sampled: 12/17/2024 00:00

Sample ID: 24L1766-04

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)	7.3	2.0	0.66		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluorobutanesulfonic acid (PFBS)	2.7	2.0	0.61		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluoropentanoic acid (PFPeA)	8.6	2.0	0.59		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluorohexanoic acid (PFHxA)	5.8	2.0	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.76		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.77		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.55		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.66		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.69		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.85		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.60		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.70		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.53		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluorohexanesulfonic acid (PFHxS)	3.1	2.0	0.70		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.58		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.53		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.5		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.67		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.72		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.71		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluoroheptanoic acid (PFHpA)	2.7	2.0	0.56		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluorooctanoic acid (PFOA)	3.1	2.0	0.57		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluorooctanesulfonic acid (PFOS)	3.5	2.0	0.73		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/9/25	1/10/25 15:51	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	64.8	50-200		1/10/25 15:51
M2-8:2FTS	87.1	50-200		1/10/25 15:51
MPFBA	86.9	50-200		1/10/25 15:51
M3HFPO-DA	81.9	50-200		1/10/25 15:51
M6PFDA	94.4	50-200		1/10/25 15:51
M3PFBS	88.6	50-200		1/10/25 15:51
M7PFUnA	92.4	50-200		1/10/25 15:51
M2-6:2FTS	107	50-200		1/10/25 15:51
M5PFPeA	98.6	50-200		1/10/25 15:51
M5PFHxA	83.2	50-200		1/10/25 15:51
M3PFHxS	93.7	50-200		1/10/25 15:51
M4PFHpA	91.0	50-200		1/10/25 15:51
M8PFOA	94.6	50-200		1/10/25 15:51
M8PFOS	86.0	50-200		1/10/25 15:51
M9PFNA	93.2	50-200		1/10/25 15:51
MPFDoA	90.7	50-200		1/10/25 15:51

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, NY | Sample Description: | Work Order: 24L1766

Date Received: 12/20/2024

Field Sample #: BH20241217 - 3S-50 | Sampled: 12/17/2024 00:00

Sample ID: 24L1766-05

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)	6.0	2.0	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluorobutanesulfonic acid (PFBS)	1.9	2.0	0.61		ng/L	1	J	EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluoropentanoic acid (PFPeA)	6.7	2.0	0.59		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluorohexanoic acid (PFHxA)	3.9	2.0	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.76		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.77		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.55		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.69		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.85		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.60		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.70		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.53		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluorohexanesulfonic acid (PFHxS)	2.0	2.0	0.70		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.58		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.53		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.5		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.67		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.72		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.71		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluoroheptanoic acid (PFHpA)	1.6	2.0	0.56		ng/L	1	J	EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluorooctanoic acid (PFOA)	2.2	2.0	0.57		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluorooctanesulfonic acid (PFOS)	1.4	2.0	0.73		ng/L	1	J	EPA 533	1/9/25	1/10/25 15:58	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/9/25	1/10/25 15:58	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	82.5	50-200		1/10/25 15:58
M2-8:2FTS	99.6	50-200		1/10/25 15:58
MPFBA	103	50-200		1/10/25 15:58
M3HFPO-DA	102	50-200		1/10/25 15:58
M6PFDA	105	50-200		1/10/25 15:58
M3PFBS	103	50-200		1/10/25 15:58
M7PFUnA	103	50-200		1/10/25 15:58
M2-6:2FTS	113	50-200		1/10/25 15:58
M5PFPeA	117	50-200		1/10/25 15:58
M5PFHxA	109	50-200		1/10/25 15:58
M3PFHxS	110	50-200		1/10/25 15:58
M4PFHpA	111	50-200		1/10/25 15:58
M8PFOA	115	50-200		1/10/25 15:58
M8PFOS	108	50-200		1/10/25 15:58
M9PFNA	109	50-200		1/10/25 15:58
MPFDoA	104	50-200		1/10/25 15:58

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, NY | Sample Description: | Work Order: 24L1766

Date Received: 12/20/2024

Field Sample #: BH20241217 - 3S-75 | Sampled: 12/17/2024 00:00

Sample ID: 24L1766-06

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)	7.5	2.0	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluorobutanesulfonic acid (PFBS)	1.3	2.0	0.60		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluoropentanoic acid (PFPeA)	6.1	2.0	0.59		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluorohexanoic acid (PFHxA)	3.0	2.0	0.64		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.75		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.76		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.55		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.68		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.84		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.59		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.69		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.52		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluorohexanesulfonic acid (PFHxS)	0.77	2.0	0.69		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.57		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.53		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.5		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.67		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.71		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.70		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluoroheptanoic acid (PFHpA)	0.78	2.0	0.56		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluorooctanoic acid (PFOA)	0.64	2.0	0.56		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.72		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/9/25	1/10/25 16:05	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	75.7	50-200		1/10/25 16:05
M2-8:2FTS	101	50-200		1/10/25 16:05
MPFBA	98.7	50-200		1/10/25 16:05
M3HFPO-DA	111	50-200		1/10/25 16:05
M6PFDA	99.6	50-200		1/10/25 16:05
M3PFBS	99.3	50-200		1/10/25 16:05
M7PFUnA	99.3	50-200		1/10/25 16:05
M2-6:2FTS	112	50-200		1/10/25 16:05
M5PFPeA	108	50-200		1/10/25 16:05
M5PFHxA	100	50-200		1/10/25 16:05
M3PFHxS	103	50-200		1/10/25 16:05
M4PFHpA	99.3	50-200		1/10/25 16:05
M8PFOA	107	50-200		1/10/25 16:05
M8PFOS	108	50-200		1/10/25 16:05
M9PFNA	103	50-200		1/10/25 16:05
MPFDoA	97.6	50-200		1/10/25 16:05

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, NY | Sample Description: | Work Order: 24L1766

Date Received: 12/20/2024

Field Sample #: BH20241217 - 3POST | Sampled: 12/17/2024 00:00

Sample ID: 24L1766-07

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)	5.3	1.8	0.60		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluorobutanesulfonic acid (PFBS)	1.1	1.8	0.56		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluoropentanoic acid (PFPeA)	5.7	1.8	0.55		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluorohexanoic acid (PFHxA)	2.5	1.8	0.60		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.70		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.71		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.51		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.94		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.61		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluorodecanoic acid (PFDA)	ND	1.8	0.63		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.78		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.55		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.49		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluorohexanesulfonic acid (PFHxS)	0.95	1.8	0.65		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.54		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.49		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.4		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.62		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.66		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluoroheptanoic acid (PFHpA)	0.75	1.8	0.52		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluorooctanoic acid (PFOA)	0.79	1.8	0.53		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	0.68		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2
Perfluorononanoic acid (PFNA)	ND	1.8	0.95		ng/L	1		EPA 533	1/9/25	1/10/25 16:12	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	77.3	50-200		1/10/25 16:12
M2-8:2FTS	96.8	50-200		1/10/25 16:12
MPFBA	111	50-200		1/10/25 16:12
M3HFPO-DA	98.7	50-200		1/10/25 16:12
M6PFDA	106	50-200		1/10/25 16:12
M3PFBS	106	50-200		1/10/25 16:12
M7PFUnA	114	50-200		1/10/25 16:12
M2-6:2FTS	113	50-200		1/10/25 16:12
M5PFPeA	120	50-200		1/10/25 16:12
M5PFHxA	105	50-200		1/10/25 16:12
M3PFHxS	107	50-200		1/10/25 16:12
M4PFHpA	106	50-200		1/10/25 16:12
M8PFOA	108	50-200		1/10/25 16:12
M8PFOS	117	50-200		1/10/25 16:12
M9PFNA	99.0	50-200		1/10/25 16:12
MPFDoA	113	50-200		1/10/25 16:12

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, NY Sample Description: Work Order: 24L1766

Date Received: 12/20/2024

Field Sample #: BH20241217 - 1RAW Sampled: 12/17/2024 00:00

Sample ID: 24L1766-08

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)	6.8	1.8	0.60		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluorobutanesulfonic acid (PFBS)	3.4	1.8	0.56		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluoropentanoic acid (PFPeA)	0.73	1.8	0.54		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluorohexanoic acid (PFHxA)	ND	1.8	0.59		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.69		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.71		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.51		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.94		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.60		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluorodecanoic acid (PFDA)	ND	1.8	0.63		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.78		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.55		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.64		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.48		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluorohexanesulfonic acid (PFHxS)	3.3	1.8	0.64		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.53		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.49		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.4		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.62		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.66		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.65		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.8	0.52		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluorooctanoic acid (PFOA)	3.3	1.8	0.52		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluorooctanesulfonic acid (PFOS)	4.6	1.8	0.67		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2
Perfluorononanoic acid (PFNA)	ND	1.8	0.94		ng/L	1		EPA 533	1/9/25	1/10/25 16:19	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	65.4	50-200		1/10/25 16:19
M2-8:2FTS	94.3	50-200		1/10/25 16:19
MPFBA	94.0	50-200		1/10/25 16:19
M3HFPO-DA	83.3	50-200		1/10/25 16:19
M6PFDA	99.8	50-200		1/10/25 16:19
M3PFBS	88.9	50-200		1/10/25 16:19
M7PFUnA	97.0	50-200		1/10/25 16:19
M2-6:2FTS	98.6	50-200		1/10/25 16:19
M5PFPeA	103	50-200		1/10/25 16:19
M5PFHxA	92.1	50-200		1/10/25 16:19
M3PFHxS	103	50-200		1/10/25 16:19
M4PFHpA	96.0	50-200		1/10/25 16:19
M8PFOA	96.4	50-200		1/10/25 16:19
M8PFOS	96.1	50-200		1/10/25 16:19
M9PFNA	93.2	50-200		1/10/25 16:19
MPFDoA	99.6	50-200		1/10/25 16:19

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, NY | Sample Description: | Work Order: 24L1766

Date Received: 12/20/2024

Field Sample #: BH20241217 - 2RAW | Sampled: 12/17/2024 00:00

Sample ID: 24L1766-09

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)	6.8	1.8	0.58		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluorobutanesulfonic acid (PFBS)	2.4	1.8	0.53		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluoropentanoic acid (PFPeA)	5.7	1.8	0.52		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluorohexanoic acid (PFHxA)	2.2	1.8	0.57		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.67		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.68		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.49		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.90		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.58		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluorodecanoic acid (PFDA)	ND	1.8	0.60		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.75		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.53		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.62		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.46		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluorohexanesulfonic acid (PFHxS)	3.4	1.8	0.62		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.51		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.47		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.3		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.59	1.8	0.59		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.63		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.62		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluoroheptanoic acid (PFHpA)	1.4	1.8	0.50		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluorooctanoic acid (PFOA)	3.9	1.8	0.50		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluorooctanesulfonic acid (PFOS)	4.5	1.8	0.64		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2
Perfluorononanoic acid (PFNA)	ND	1.8	0.90		ng/L	1		EPA 533	1/9/25	1/10/25 16:27	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	69.8	50-200		1/10/25 16:27
M2-8:2FTS	83.0	50-200		1/10/25 16:27
MPFBA	95.1	50-200		1/10/25 16:27
M3HFPO-DA	92.9	50-200		1/10/25 16:27
M6PFDA	96.4	50-200		1/10/25 16:27
M3PFBS	80.1	50-200		1/10/25 16:27
M7PFUnA	94.0	50-200		1/10/25 16:27
M2-6:2FTS	92.2	50-200		1/10/25 16:27
M5PFPeA	107	50-200		1/10/25 16:27
M5PFHxA	93.9	50-200		1/10/25 16:27
M3PFHxS	92.2	50-200		1/10/25 16:27
M4PFHpA	95.5	50-200		1/10/25 16:27
M8PFOA	96.3	50-200		1/10/25 16:27
M8PFOS	87.4	50-200		1/10/25 16:27
M9PFNA	95.5	50-200		1/10/25 16:27
MPFDoA	92.6	50-200		1/10/25 16:27

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, NY Sample Description: Work Order: 24L1766

Date Received: 12/20/2024

Field Sample #: BH20241217 - 3RAW Sampled: 12/17/2024 00:00

Sample ID: 24L1766-10

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)	6.7	1.8	0.59		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluorobutanesulfonic acid (PFBS)	3.3	1.8	0.54		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluoropentanoic acid (PFPeA)	8.9	1.8	0.53		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluorohexanoic acid (PFHxA)	6.4	1.8	0.58		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.68		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.69		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.50		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.92		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.59		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluorodecanoic acid (PFDA)	ND	1.8	0.62		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.76		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.54		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.63		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.47		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluorohexanesulfonic acid (PFHxS)	5.0	1.8	0.63		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.52		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.48		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.3		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluoropentanesulfonic acid (PFPeS)	0.63	1.8	0.61		ng/L	1	J	EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.64		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.64		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluoroheptanoic acid (PFHpA)	3.0	1.8	0.51		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluorooctanoic acid (PFOA)	4.7	1.8	0.51		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluorooctanesulfonic acid (PFOS)	5.5	1.8	0.66		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2
Perfluorononanoic acid (PFNA)	ND	1.8	0.92		ng/L	1		EPA 533	1/9/25	1/10/25 16:34	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	62.2	50-200		1/10/25 16:34
M2-8:2FTS	73.0	50-200		1/10/25 16:34
MPFBA	95.9	50-200		1/10/25 16:34
M3HFPO-DA	89.4	50-200		1/10/25 16:34
M6PFDA	97.3	50-200		1/10/25 16:34
M3PFBS	84.6	50-200		1/10/25 16:34
M7PFUnA	96.2	50-200		1/10/25 16:34
M2-6:2FTS	91.8	50-200		1/10/25 16:34
M5PFPeA	111	50-200		1/10/25 16:34
M5PFHxA	95.8	50-200		1/10/25 16:34
M3PFHxS	96.4	50-200		1/10/25 16:34
M4PFHpA	99.0	50-200		1/10/25 16:34
M8PFOA	94.8	50-200		1/10/25 16:34
M8PFOS	93.8	50-200		1/10/25 16:34
M9PFNA	94.3	50-200		1/10/25 16:34
MPFDoA	99.2	50-200		1/10/25 16:34

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
24L1766-01 [BH20241217 - 3N-50]	B395832	259	1.00	01/09/25
24L1766-02 [BH20241217 - 3N-75]	B395832	257	1.00	01/09/25
24L1766-03 [BH20241217 - 3MID]	B395832	269	1.00	01/09/25
24L1766-04 [BH20241217 - 3S-25]	B395832	250	1.00	01/09/25
24L1766-05 [BH20241217 - 3S-50]	B395832	250	1.00	01/09/25
24L1766-06 [BH20241217 - 3S-75]	B395832	252	1.00	01/09/25
24L1766-07 [BH20241217 - 3POST]	B395832	270	1.00	01/09/25
24L1766-08 [BH20241217 - 1RAW]	B395832	272	1.00	01/09/25
24L1766-09 [BH20241217 - 2RAW]	B395832	284	1.00	01/09/25
24L1766-10 [BH20241217 - 3RAW]	B395832	278	1.00	01/09/25

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 B395832 - EPA 533											
Blank (B395832-BLK1)					Prepared: 01/09/25 Analyzed: 01/10/25						
Perfluorobutanoic acid (PFBA)	ND	1.8	0.60	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	0.56	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.8	0.55	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.8	0.60	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.70	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.71	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.51	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.94	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	0.60	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.8	0.63	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.78	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.55	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.65	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	0.49	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	0.65	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.54	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.49	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	1.4	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.62	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.66	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.65	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.8	0.52	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.8	0.52	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	0.67	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.8	0.95	ng/L							
Surrogate: M2-4:2FTS	*30.9*			ng/L	34.62		89.2	50-200			
Surrogate: M2-8:2FTS	*34.1*			ng/L	35.43		96.1	50-200			
Surrogate: MPFBA	*36.8*			ng/L	36.91		99.7	50-200			
Surrogate: M3HFPO-DA	*39.2*			ng/L	36.91		106	50-200			
Surrogate: M6PFDA	*38.1*			ng/L	36.91		103	50-200			
Surrogate: M3PFBS	*32.6*			ng/L	34.40		94.7	50-200			
Surrogate: M7PFUnA	*36.2*			ng/L	36.91		98.1	50-200			
Surrogate: M2-6:2FTS	*41.6*			ng/L	35.10		118	50-200			
Surrogate: M5PFPeA	*37.0*			ng/L	36.91		100	50-200			
Surrogate: M5PFHxA	*35.6*			ng/L	36.91		96.4	50-200			
Surrogate: M3PFHxS	*33.0*			ng/L	34.99		94.2	50-200			
Surrogate: M4PFHpA	*36.1*			ng/L	36.91		97.7	50-200			
Surrogate: M8PFOA	*37.6*			ng/L	36.91		102	50-200			
Surrogate: M8PFOS	*33.9*			ng/L	35.40		95.8	50-200			
Surrogate: M9PFNA	*37.9*			ng/L	36.91		103	50-200			
Surrogate: MPFDoA	*36.4*			ng/L	36.91		98.7	50-200			
LCS (B395832-BS1)					Prepared: 01/09/25 Analyzed: 01/10/25						
Perfluorobutanoic acid (PFBA)	18.4	1.8	0.60	ng/L	18.36		100	70-130			
Perfluorobutanesulfonic acid (PFBS)	17.1	1.8	0.56	ng/L	18.36		93.0	70-130			
Perfluoropentanoic acid (PFPeA)	16.9	1.8	0.54	ng/L	18.36		92.1	70-130			
Perfluorohexanoic acid (PFHxA)	17.4	1.8	0.59	ng/L	18.36		94.5	70-130			
11Cl-PF3OUdS (F53B Major)	15.5	1.8	0.69	ng/L	18.36		84.2	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 B395832 - EPA 533											
LCS (B395832-BS1)					Prepared: 01/09/25 Analyzed: 01/10/25						
9Cl-PF3ONS (F53B Minor)	17.6	1.8	0.71	ng/L	18.36		95.6	70-130			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	18.2	1.8	0.51	ng/L	18.36		99.0	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	21.8	1.8	0.94	ng/L	18.36		119	70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	19.2	1.8	0.60	ng/L	18.36		104	70-130			
Perfluorodecanoic acid (PFDA)	17.9	1.8	0.63	ng/L	18.36		97.3	70-130			
Perfluorododecanoic acid (PFDoA)	17.2	1.8	0.78	ng/L	18.36		93.9	70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	17.5	1.8	0.55	ng/L	18.36		95.4	70-130			
Perfluoroheptanesulfonic acid (PFHpS)	19.2	1.8	0.64	ng/L	18.36		105	70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	16.9	1.8	0.48	ng/L	18.36		92.0	70-130			
Perfluorohexanesulfonic acid (PFHxS)	17.5	1.8	0.64	ng/L	18.36		95.1	70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	19.2	1.8	0.53	ng/L	18.36		105	70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	16.0	1.8	0.49	ng/L	18.36		87.2	70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	18.5	1.8	1.4	ng/L	18.36		101	70-130			
Perfluoropentanesulfonic acid (PFPeS)	16.5	1.8	0.62	ng/L	18.36		90.1	70-130			
Perfluoroundecanoic acid (PFUnA)	17.8	1.8	0.66	ng/L	18.36		96.8	70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	17.4	1.8	0.65	ng/L	18.36		94.7	70-130			
Perfluoroheptanoic acid (PFHpA)	17.8	1.8	0.52	ng/L	18.36		97.0	70-130			
Perfluorooctanoic acid (PFOA)	16.9	1.8	0.52	ng/L	18.36		92.1	70-130			
Perfluorooctanesulfonic acid (PFOS)	17.5	1.8	0.67	ng/L	18.36		95.3	70-130			
Perfluorononanoic acid (PFNA)	18.2	1.8	0.94	ng/L	18.36		99.3	70-130			
Surrogate: M2-4:2FTS	*29.4*			ng/L	34.44		85.3	50-200			
Surrogate: M2-8:2FTS	*35.1*			ng/L	35.25		99.5	50-200			
Surrogate: MPFBA	*35.9*			ng/L	36.72		97.7	50-200			
Surrogate: M3HFPO-DA	*33.4*			ng/L	36.72		91.0	50-200			
Surrogate: M6PFDA	*36.2*			ng/L	36.72		98.5	50-200			
Surrogate: M3PFBS	*33.6*			ng/L	34.22		98.3	50-200			
Surrogate: M7PFUnA	*35.0*			ng/L	36.72		95.2	50-200			
Surrogate: M2-6:2FTS	*35.8*			ng/L	34.92		102	50-200			
Surrogate: M5PFPeA	*36.5*			ng/L	36.72		99.4	50-200			
Surrogate: M5PFHxA	*34.6*			ng/L	36.72		94.2	50-200			
Surrogate: M3PFHxS	*34.7*			ng/L	34.81		99.6	50-200			
Surrogate: M4PFHpA	*34.7*			ng/L	36.72		94.5	50-200			
Surrogate: M8PFOA	*37.8*			ng/L	36.72		103	50-200			
Surrogate: M8PFOS	*33.4*			ng/L	35.21		94.9	50-200			
Surrogate: M9PFNA	*35.9*			ng/L	36.72		97.9	50-200			
Surrogate: MPFDoA	*32.9*			ng/L	36.72		89.6	50-200			
LCS Dup (B395832-BSD1)					Prepared: 01/09/25 Analyzed: 01/10/25						
Perfluorobutanoic acid (PFBA)	18.7	1.9	0.61	ng/L	18.54		101	70-130	1.74	30	
Perfluorobutanesulfonic acid (PFBS)	18.4	1.9	0.56	ng/L	18.54		99.4	70-130	7.70	30	
Perfluoropentanoic acid (PFPeA)	17.5	1.9	0.55	ng/L	18.54		94.4	70-130	3.51	30	
Perfluorohexanoic acid (PFHxA)	17.0	1.9	0.60	ng/L	18.54		91.8	70-130	1.88	30	
11Cl-PF3OUdS (F53B Major)	16.0	1.9	0.70	ng/L	18.54		86.4	70-130	3.50	30	
9Cl-PF3ONS (F53B Minor)	16.2	1.9	0.71	ng/L	18.54		87.1	70-130	8.30	30	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	18.0	1.9	0.51	ng/L	18.54		97.0	70-130	1.03	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	19.9	1.9	0.95	ng/L	18.54		108	70-130	9.02	30	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	18.8	1.9	0.61	ng/L	18.54		101	70-130	2.00	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 B395832 - EPA 533											
LCS Dup (B395832-BSD1)					Prepared: 01/09/25 Analyzed: 01/10/25						
Perfluorodecanoic acid (PFDA)	16.4	1.9	0.64	ng/L	18.54		88.2	70-130	8.81	30	
Perfluorododecanoic acid (PFDoA)	16.2	1.9	0.79	ng/L	18.54		87.4	70-130	6.18	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	18.2	1.9	0.56	ng/L	18.54		98.1	70-130	3.82	30	
Perfluoroheptanesulfonic acid (PFHpS)	18.1	1.9	0.65	ng/L	18.54		97.9	70-130	5.66	30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	17.8	1.9	0.49	ng/L	18.54		96.2	70-130	5.39	30	
Perfluorohexanesulfonic acid (PFHxS)	17.9	1.9	0.65	ng/L	18.54		96.7	70-130	2.66	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	18.8	1.9	0.54	ng/L	18.54		102	70-130	1.95	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	17.1	1.9	0.49	ng/L	18.54		92.4	70-130	6.78	30	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	18.6	1.9	1.4	ng/L	18.54		100	70-130	0.717	30	
Perfluoropentanesulfonic acid (PFPeS)	17.9	1.9	0.62	ng/L	18.54		96.4	70-130	7.71	30	
Perfluoroundecanoic acid (PFUnA)	18.1	1.9	0.66	ng/L	18.54		97.8	70-130	1.95	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	16.9	1.9	0.66	ng/L	18.54		91.3	70-130	2.72	30	
Perfluoroheptanoic acid (PFHpA)	16.4	1.9	0.52	ng/L	18.54		88.6	70-130	8.08	30	
Perfluorooctanoic acid (PFOA)	17.5	1.9	0.53	ng/L	18.54		94.5	70-130	3.59	30	
Perfluorooctanesulfonic acid (PFOS)	14.9	1.9	0.68	ng/L	18.54		80.2	70-130	16.3	30	
Perfluorononanoic acid (PFNA)	18.2	1.9	0.95	ng/L	18.54		98.3	70-130	0.0398	30	
Surrogate: M2-4:2FTS	*31.6*			ng/L	34.78		90.8	50-200			
Surrogate: M2-8:2FTS	*35.3*			ng/L	35.60		99.2	50-200			
Surrogate: MPFBA	*36.7*			ng/L	37.08		99.0	50-200			
Surrogate: M3HFPO-DA	*37.6*			ng/L	37.08		102	50-200			
Surrogate: M6PFDA	*38.0*			ng/L	37.08		103	50-200			
Surrogate: M3PFBS	*34.8*			ng/L	34.56		101	50-200			
Surrogate: M7PFUnA	*36.8*			ng/L	37.08		99.2	50-200			
Surrogate: M2-6:2FTS	*41.2*			ng/L	35.27		117	50-200			
Surrogate: M5PFPeA	*36.0*			ng/L	37.08		97.1	50-200			
Surrogate: M5PFHxA	*36.3*			ng/L	37.08		97.9	50-200			
Surrogate: M3PFHxS	*36.6*			ng/L	35.15		104	50-200			
Surrogate: M4PFHpA	*37.2*			ng/L	37.08		100	50-200			
Surrogate: M8PFOA	*39.4*			ng/L	37.08		106	50-200			
Surrogate: M8PFOS	*38.3*			ng/L	35.56		108	50-200			
Surrogate: M9PFNA	*37.2*			ng/L	37.08		100	50-200			
Surrogate: MPFDoA	*35.2*			ng/L	37.08		94.9	50-200			

Pace Analytical Services, LLC - East Longmeadow, Ma

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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).

Pace Analytical Services, LLC - East Longmeadow, Ma

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 533 in Drinking Water	
Perfluorobutanoic acid (PFBA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH
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 (PFEESA)	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	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
NJ	New Jersey DEP	MA007 NELAP	06/30/2025
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2025
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2025
OH	Ohio Environmental Protection Agency	87781	04/1/2025

Pace Analytical®

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

2411766 https://www.pacelabs.com/ RM Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

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

Company Name: NYS DEC	Consultant: Arcadis
Consultant Address: 201 Fuller Road Suite 201, Albany, NY 12203	
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 ☑
Due Date:

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

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like (Level 4) Data Pkg Required: ☐
Email To: David.Chiusano@dec.ny.gov
Fax To #:

ANALYSIS REQUESTED (Circle Requested Analyses/Reporting List)

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	8260: DER TCL / Oxygenates / CP-51	8270: DER TCL / CP-51	1,4-Dioxane SIM | 8082 PCBs	8081 Pesticide | 8151 Herbicide	TAL Total Metals | TCLP RCRA 8 Metal	PFAS 1633 | PFAS 537 ID	EPA 533					# of Containers
														20					[2] Preservation Code
														I					[3] Container Code
														P					
1	BH20241217 - 3N - 50	12/17/2024			X	DW								2					
2	BH20241217 -3N - 75	12/17/2024			X	DW								2					
3	BH20241217 -3MID	12/17/2024			X	DW								2					
4	BH20241217 -3S - 25	12/17/2024			X	DW								2					
5	BH20241217 - 3S - 50	12/17/2024			X	DW								2					
6	BH20241217 - 3S - 75	12/17/2024			X	DW								2					
7	BH20241217 - 3POST	12/17/2024			X	DW								2					
8	BH20241217 -1RAW	12/17/2024			X	DW								2					
9	BH20241217 - 2RAW	12/17/2024			X	DW								2					
10	BH20241217 - 3RAW	12/17/2024			X	DW								2					

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

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

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

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

Comments: 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)	Date/Time: 12:18 12/17/24	
Received by: (signature)	Date/Time: 12/17 1218	
Relinquished by: (signature)	Date/Time: 12/17 1400	
Received by: (signature)	Date/Time: 12/18 4:00	
Relinquished by: (signature)	Date/Time: 12/18 9:30	
Received by: (signature)	Date/Time: 12/19 1430	

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
Other:

Deliverables
☑ Enhanced Data Package
☑ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD
Other:
NELAC and AIHA-LAP, LLC Accredited

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

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

MSMA(AA) MSMA(AA) 12/19/24 2145 12/20/24 0050 1.4 12/20/24 0050

Table of Contents

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

Log In Back-Sheet

Client Arcadis (DEC)

Project Stewart ANG. - Butterhill

MCP/RCP Required no

Deliverable Package Requirement NY Cat. B

Location New Windsor, NY

PWSID# (When Applicable) n/a

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time RL 12/20/24 0850

Back-Sheet By / Date / Time Mam 12/24/24 1852

Temperature Method Gun # 6

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

Temp < 6° C Actual Temperature 1.4, 1.0, 0.4

Rush Samples: Yes / No Notify No

Short Hold: Yes / No Notify No

Notes regarding Samples/COC outside of SOP:

* No sample times provided

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

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	* ☑	See note ☐ *
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.*

Qualtrax ID: 120836

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

Sample		Soils Jars (Circle Amb/Clear)				Ambers					Plastics											VOA Vials					Other / Fill in				
		16oz Amb/Clear	8oz Amb/Clear	4oz Amb/Clear	2oz Amb/Clear	1 Liter			250mL		100mL	1 Liter		500mL		250mL															
						Unpreserved	HCL	Sulfuric	Sulfuric	Phosphoric	HCl	Unpreserved	Unpreserved	Sulfuric	Unpreserved	Sulfuric	Unpreserved	Trizma	Sulfuric	Nitric	NaOH	Ammonium Acetate	NaOH/Zinc	Unpreserved	HCl	MeOH	D.I. Water	Bisulfate	Col/Bact				
1																						2									
2																						→									
3																						→									
4																						→									
5																						→									
6																						→									
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18																															
19																															
20																															

Quaitrax ID: 120836

Pace Analytical Services, LLC - East Longmeadow, Ma

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

January 16, 2025

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

Project Location: New Windsor, NY
Client Job Number:
Project Number: 336089
Laboratory Work Order Number: 24L1764

Enclosed are results of analyses for samples as received by the laboratory on December 20, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

Table of Contents

Table of Contents (continued)

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: 1/16/2025

PURCHASE ORDER NUMBER: 151957

PROJECT NUMBER: 336089

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24L1764

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, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
BH20241217 - PRE GAC	24L1764-01	Drinking Water		EPA 533	
BH20241217 - POST GAC	24L1764-02	Drinking Water		EPA 533	
BH20241217 - POST GAC DUP	24L1764-03	Drinking Water		EPA 533	
BH20241217 - 1N-25	24L1764-04	Drinking Water		EPA 533	
BH20241217 - 1N-50	24L1764-05	Drinking Water		EPA 533	
BH20241217 - 1N-75	24L1764-06	Drinking Water		EPA 533	
BH20241217 - 1MID	24L1764-07	Drinking Water		EPA 533	
BH20241217 - 1S-25	24L1764-08	Drinking Water		EPA 533	
BH20241217 - 1S-50	24L1764-09	Drinking Water		EPA 533	
BH20241217 - 1S-75	24L1764-10	Drinking Water		EPA 533	
BH20241217 - 1POST	24L1764-11	Drinking Water		EPA 533	
BH20241217 - 2N-25	24L1764-12	Drinking Water		EPA 533	
BH20241217 - 2N-50	24L1764-13	Drinking Water		EPA 533	
BH20241217 - 2N-75	24L1764-14	Drinking Water		EPA 533	
BH20241217 - 2MID	24L1764-15	Drinking Water		EPA 533	
BH20241217 - 2S-25	24L1764-16	Drinking Water		EPA 533	
BH20241217 - 2S-50	24L1764-17	Drinking Water		EPA 533	
BH20241217 - 2S-75	24L1764-18	Drinking Water		EPA 533	
BH20241217 - 2POST	24L1764-19	Drinking Water		EPA 533	
BH20241217 - 3N-25	24L1764-20	Drinking Water		EPA 533	

Pace Analytical Services, LLC - East Longmeadow, Ma

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CASE NARRATIVE SUMMARY

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

EPA 533

Qualifications:

MS-14

Matrix spike recovery is outside of control limits. Data validation is not affected since sample result is "not detected" and recovery bias is on the high side for this compound.

Analyte & Samples(s) Qualified:

Perfluorohexanesulfonic acid (PFH
B396004-MSD1

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:

Hexafluoropropylene oxide dimer a
24L1764-02[BH20241217 - POST GAC], B396004-MSD1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Hexafluoropropylene oxide dimer a
S116862-CCV4

Perfluorononanoic acid (PFNA)
S116862-CCV4

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

Lisa A. Worthington
Technical Representative

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, NY Sample Description: Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - PRE GAC Sampled: 12/17/2024 00:00

Sample ID: 24L1764-01

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)	8.7	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluorobutanesulfonic acid (PFBS)	3.6	2.0	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluoropentanoic acid (PFPeA)	11	2.0	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluorohexanoic acid (PFHxA)	7.1	2.0	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.74		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.75		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.83		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluorohexanesulfonic acid (PFHxS)	6.1	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.5		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluoropentanesulfonic acid (PFPeS)	1.2	2.0	0.66		ng/L	1	J	EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluoroheptanoic acid (PFHpA)	3.6	2.0	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluorooctanoic acid (PFOA)	4.7	2.0	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluorooctanesulfonic acid (PFOS)	7.0	2.0	0.72		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 12:38	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	88.8	50-200		1/15/25 12:38
M2-8:2FTS	69.8	50-200		1/15/25 12:38
MPFBA	108	50-200		1/15/25 12:38
M3HFPO-DA	110	50-200		1/15/25 12:38
M6PFDA	88.8	50-200		1/15/25 12:38
M3PFBS	95.2	50-200		1/15/25 12:38
M7PFUnA	88.6	50-200		1/15/25 12:38
M2-6:2FTS	105	50-200		1/15/25 12:38
M5PFPeA	123	50-200		1/15/25 12:38
M5PFHxA	111	50-200		1/15/25 12:38
M3PFHxS	107	50-200		1/15/25 12:38
M4PFHpA	105	50-200		1/15/25 12:38
M8PFOA	90.8	50-200		1/15/25 12:38
M8PFOS	101	50-200		1/15/25 12:38
M9PFNA	87.5	50-200		1/15/25 12:38
MPFDoA	88.9	50-200		1/15/25 12:38

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, NY Sample Description: Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - POST GAC Sampled: 12/17/2024 00:00

Sample ID: 24L1764-02

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)	5.4	1.9	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluoropentanoic acid (PFPeA)	1.6	1.9	0.58		ng/L	1	J	EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.74		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.75		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.99		ng/L	1	MS-22	EPA 533	1/10/25	1/15/25 12:45	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.82		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.51		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 12:45	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	74.0	50-200		1/15/25 12:45
M2-8:2FTS	59.6	50-200		1/15/25 12:45
MPFBA	93.6	50-200		1/15/25 12:45
M3HFPO-DA	107	50-200		1/15/25 12:45
M6PFDA	76.3	50-200		1/15/25 12:45
M3PFBS	93.7	50-200		1/15/25 12:45
M7PFUnA	77.6	50-200		1/15/25 12:45
M2-6:2FTS	84.6	50-200		1/15/25 12:45
M5PFPeA	91.0	50-200		1/15/25 12:45
M5PFHxA	94.7	50-200		1/15/25 12:45
M3PFHxS	90.2	50-200		1/15/25 12:45
M4PFHpA	92.6	50-200		1/15/25 12:45
M8PFOA	81.0	50-200		1/15/25 12:45
M8PFOS	82.8	50-200		1/15/25 12:45
M9PFNA	74.6	50-200		1/15/25 12:45
MPFDoA	75.0	50-200		1/15/25 12:45

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, NY Sample Description: Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - POST GAC DUP Sampled: 12/17/2024 00:00

Sample ID: 24L1764-03

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)	7.0	1.9	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluoropentanoic acid (PFPeA)	1.1	1.9	0.57		ng/L	1	J	EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.73		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.74		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.99		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.82		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.51		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.99		ng/L	1		EPA 533	1/10/25	1/15/25 12:52	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	73.0	50-200		1/15/25 12:52
M2-8:2FTS	59.2	50-200		1/15/25 12:52
MPFBA	98.3	50-200		1/15/25 12:52
M3HFPO-DA	116	50-200		1/15/25 12:52
M6PFDA	77.5	50-200		1/15/25 12:52
M3PFBS	90.9	50-200		1/15/25 12:52
M7PFUnA	77.9	50-200		1/15/25 12:52
M2-6:2FTS	98.5	50-200		1/15/25 12:52
M5PFPeA	92.5	50-200		1/15/25 12:52
M5PFHxA	92.4	50-200		1/15/25 12:52
M3PFHxS	98.7	50-200		1/15/25 12:52
M4PFHpA	95.4	50-200		1/15/25 12:52
M8PFOA	84.4	50-200		1/15/25 12:52
M8PFOS	84.1	50-200		1/15/25 12:52
M9PFNA	75.5	50-200		1/15/25 12:52
MPFDoA	77.4	50-200		1/15/25 12:52

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, NY Sample Description: Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 1N-25 Sampled: 12/17/2024 00:00

Sample ID: 24L1764-04

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)	7.6	1.9	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluoropentanoic acid (PFPeA)	4.0	1.9	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluorohexanoic acid (PFHxA)	0.72	1.9	0.63		ng/L	1	J	EPA 533	1/10/25	1/15/25 13:37	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.73		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.75		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.99		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.82		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.51		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 13:37	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	80.0	50-200		1/15/25 13:37
M2-8:2FTS	118	50-200		1/15/25 13:37
MPFBA	97.8	50-200		1/15/25 13:37
M3HFPO-DA	102	50-200		1/15/25 13:37
M6PFDA	76.9	50-200		1/15/25 13:37
M3PFBS	92.8	50-200		1/15/25 13:37
M7PFUnA	79.7	50-200		1/15/25 13:37
M2-6:2FTS	93.7	50-200		1/15/25 13:37
M5PFPeA	95.8	50-200		1/15/25 13:37
M5PFHxA	87.9	50-200		1/15/25 13:37
M3PFHxS	92.2	50-200		1/15/25 13:37
M4PFHpA	92.2	50-200		1/15/25 13:37
M8PFOA	83.8	50-200		1/15/25 13:37
M8PFOS	93.8	50-200		1/15/25 13:37
M9PFNA	77.4	50-200		1/15/25 13:37
MPFDoA	74.9	50-200		1/15/25 13:37

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, NY | Sample Description: | Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 1N-50 | Sampled: 12/17/2024 00:00

Sample ID: 24L1764-05

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)	7.0	2.0	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	0.60		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluoropentanoic acid (PFPeA)	3.2	2.0	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluorohexanoic acid (PFHxA)	ND	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.75		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.77		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.84		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.60		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.5		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluoroheptanoic acid (PFHpA)	ND	2.0	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluorooctanoic acid (PFOA)	ND	2.0	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.73		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 13:44	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	87.9	50-200		1/15/25 13:44
M2-8:2FTS	82.1	50-200		1/15/25 13:44
MPFBA	106	50-200		1/15/25 13:44
M3HFPO-DA	113	50-200		1/15/25 13:44
M6PFDA	81.8	50-200		1/15/25 13:44
M3PFBS	105	50-200		1/15/25 13:44
M7PFUnA	82.3	50-200		1/15/25 13:44
M2-6:2FTS	139	50-200		1/15/25 13:44
M5PFPeA	107	50-200		1/15/25 13:44
M5PFHxA	99.3	50-200		1/15/25 13:44
M3PFHxS	102	50-200		1/15/25 13:44
M4PFHpA	97.2	50-200		1/15/25 13:44
M8PFOA	92.9	50-200		1/15/25 13:44
M8PFOS	97.2	50-200		1/15/25 13:44
M9PFNA	82.7	50-200		1/15/25 13:44
MPFDoA	84.4	50-200		1/15/25 13:44

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, NY | Sample Description: | Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 1N-75 | Sampled: 12/17/2024 00:00

Sample ID: 24L1764-06

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	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluoropentanoic acid (PFPeA)	0.80	2.0	0.58		ng/L	1	J	EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluorohexanoic acid (PFHxA)	ND	2.0	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.74		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.75		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.83		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.5		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluoroheptanoic acid (PFHpA)	ND	2.0	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluorooctanoic acid (PFOA)	ND	2.0	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.72		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 13:52	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	83.8	50-200		1/15/25 13:52
M2-8:2FTS	69.4	50-200		1/15/25 13:52
MPFBA	97.9	50-200		1/15/25 13:52
M3HFPO-DA	109	50-200		1/15/25 13:52
M6PFDA	75.9	50-200		1/15/25 13:52
M3PFBS	93.5	50-200		1/15/25 13:52
M7PFUnA	75.4	50-200		1/15/25 13:52
M2-6:2FTS	92.6	50-200		1/15/25 13:52
M5PFPeA	91.4	50-200		1/15/25 13:52
M5PFHxA	93.4	50-200		1/15/25 13:52
M3PFHxS	101	50-200		1/15/25 13:52
M4PFHpA	94.5	50-200		1/15/25 13:52
M8PFOA	83.5	50-200		1/15/25 13:52
M8PFOS	88.6	50-200		1/15/25 13:52
M9PFNA	74.3	50-200		1/15/25 13:52
MPFDoA	73.0	50-200		1/15/25 13:52

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, NY | Sample Description: | Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 1MID | Sampled: 12/17/2024 00:00

Sample ID: 24L1764-07

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)	6.9	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	0.60		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluoropentanoic acid (PFPeA)	1.7	2.0	0.58		ng/L	1	J	EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluorohexanoic acid (PFHxA)	ND	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.74		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.76		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.83		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.5		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluoroheptanoic acid (PFHpA)	ND	2.0	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluorooctanoic acid (PFOA)	ND	2.0	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.72		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 13:59	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	78.4	50-200		1/15/25 13:59
M2-8:2FTS	59.5	50-200		1/15/25 13:59
MPFBA	88.3	50-200		1/15/25 13:59
M3HFPO-DA	105	50-200		1/15/25 13:59
M6PFDA	64.5	50-200		1/15/25 13:59
M3PFBS	89.4	50-200		1/15/25 13:59
M7PFUnA	66.6	50-200		1/15/25 13:59
M2-6:2FTS	88.2	50-200		1/15/25 13:59
M5PFPeA	83.9	50-200		1/15/25 13:59
M5PFHxA	79.1	50-200		1/15/25 13:59
M3PFHxS	89.8	50-200		1/15/25 13:59
M4PFHpA	80.9	50-200		1/15/25 13:59
M8PFOA	76.7	50-200		1/15/25 13:59
M8PFOS	73.3	50-200		1/15/25 13:59
M9PFNA	65.0	50-200		1/15/25 13:59
MPFDoA	67.0	50-200		1/15/25 13:59

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, NY | Sample Description: | Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 1S-25 | Sampled: 12/17/2024 00:00

Sample ID: 24L1764-08

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	7.8	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluorobutanesulfonic acid (PFBS)	2.6	2.0	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluoropentanoic acid (PFPeA)	9.5	2.0	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluorohexanoic acid (PFHxA)	5.7	2.0	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.74		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.75		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.83		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.51		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluorohexanesulfonic acid (PFHxS)	3.7	2.0	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.4		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluoroheptanoic acid (PFHpA)	2.4	2.0	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluorooctanoic acid (PFOA)	2.9	2.0	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluorooctanesulfonic acid (PFOS)	4.0	2.0	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 14:06	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	72.2	50-200		1/15/25 14:06
M2-8:2FTS	61.5	50-200		1/15/25 14:06
MPFBA	92.1	50-200		1/15/25 14:06
M3HFPO-DA	104	50-200		1/15/25 14:06
M6PFDA	74.3	50-200		1/15/25 14:06
M3PFBS	86.7	50-200		1/15/25 14:06
M7PFUnA	76.3	50-200		1/15/25 14:06
M2-6:2FTS	96.3	50-200		1/15/25 14:06
M5PFPeA	102	50-200		1/15/25 14:06
M5PFHxA	90.6	50-200		1/15/25 14:06
M3PFHxS	93.9	50-200		1/15/25 14:06
M4PFHpA	91.2	50-200		1/15/25 14:06
M8PFOA	81.0	50-200		1/15/25 14:06
M8PFOS	83.8	50-200		1/15/25 14:06
M9PFNA	70.7	50-200		1/15/25 14:06
MPFDoA	76.2	50-200		1/15/25 14:06

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, NY Sample Description: Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 1S-50 Sampled: 12/17/2024 00:00

Sample ID: 24L1764-09

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)	7.1	1.9	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluorobutanesulfonic acid (PFBS)	2.5	1.9	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluoropentanoic acid (PFPeA)	8.4	1.9	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluorohexanoic acid (PFHxA)	5.1	1.9	0.62		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.73		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.74		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.98		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.81		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.51		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluorohexanesulfonic acid (PFHxS)	2.5	1.9	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluoroheptanoic acid (PFHpA)	1.8	1.9	0.54		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluorooctanoic acid (PFOA)	2.9	1.9	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluorooctanesulfonic acid (PFOS)	2.1	1.9	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.98		ng/L	1		EPA 533	1/10/25	1/15/25 14:13	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	80.0	50-200		1/15/25 14:13
M2-8:2FTS	67.7	50-200		1/15/25 14:13
MPFBA	94.9	50-200		1/15/25 14:13
M3HFPO-DA	98.4	50-200		1/15/25 14:13
M6PFDA	72.6	50-200		1/15/25 14:13
M3PFBS	95.9	50-200		1/15/25 14:13
M7PFUnA	76.4	50-200		1/15/25 14:13
M2-6:2FTS	99.1	50-200		1/15/25 14:13
M5PFPeA	102	50-200		1/15/25 14:13
M5PFHxA	89.7	50-200		1/15/25 14:13
M3PFHxS	105	50-200		1/15/25 14:13
M4PFHpA	86.6	50-200		1/15/25 14:13
M8PFOA	79.6	50-200		1/15/25 14:13
M8PFOS	92.4	50-200		1/15/25 14:13
M9PFNA	70.1	50-200		1/15/25 14:13
MPFDoA	78.2	50-200		1/15/25 14:13

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, NY | Sample Description: | Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 1S-75 | Sampled: 12/17/2024 00:00

Sample ID: 24L1764-10

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)	7.5	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluorobutanesulfonic acid (PFBS)	1.8	2.0	0.60		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluoropentanoic acid (PFPeA)	7.3	2.0	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluorohexanoic acid (PFHxA)	3.4	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.74		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.76		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.83		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluorohexanesulfonic acid (PFHxS)	1.2	2.0	0.69		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.5		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluoroheptanoic acid (PFHpA)	1.2	2.0	0.56		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluorooctanoic acid (PFOA)	1.3	2.0	0.56		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.72		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 14:20	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	67.8	50-200		1/15/25 14:20
M2-8:2FTS	57.1	50-200		1/15/25 14:20
MPFBA	92.1	50-200		1/15/25 14:20
M3HFPO-DA	111	50-200		1/15/25 14:20
M6PFDA	74.4	50-200		1/15/25 14:20
M3PFBS	83.9	50-200		1/15/25 14:20
M7PFUnA	77.3	50-200		1/15/25 14:20
M2-6:2FTS	86.0	50-200		1/15/25 14:20
M5PFPeA	95.3	50-200		1/15/25 14:20
M5PFHxA	94.6	50-200		1/15/25 14:20
M3PFHxS	91.7	50-200		1/15/25 14:20
M4PFHpA	92.2	50-200		1/15/25 14:20
M8PFOA	84.5	50-200		1/15/25 14:20
M8PFOS	83.2	50-200		1/15/25 14:20
M9PFNA	75.6	50-200		1/15/25 14:20
MPFDoA	73.7	50-200		1/15/25 14:20

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, NY Sample Description: Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 1POST Sampled: 12/17/2024 00:00

Sample ID: 24L1764-11

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)	7.2	1.9	0.62		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluorobutanesulfonic acid (PFBS)	1.6	1.9	0.58		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluoropentanoic acid (PFPeA)	7.0	1.9	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluorohexanoic acid (PFHxA)	2.4	1.9	0.62		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.72		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.73		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.97		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.62		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.81		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.50		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluorohexanesulfonic acid (PFHxS)	1.5	1.9	0.67		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluoroheptanoic acid (PFHpA)	1.1	1.9	0.54		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluorooctanoic acid (PFOA)	1.1	1.9	0.54		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.98		ng/L	1		EPA 533	1/10/25	1/15/25 14:28	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	76.0	50-200		1/15/25 14:28
M2-8:2FTS	60.2	50-200		1/15/25 14:28
MPFBA	95.1	50-200		1/15/25 14:28
M3HFPO-DA	99.0	50-200		1/15/25 14:28
M6PFDA	84.0	50-200		1/15/25 14:28
M3PFBS	91.7	50-200		1/15/25 14:28
M7PFUnA	82.8	50-200		1/15/25 14:28
M2-6:2FTS	86.5	50-200		1/15/25 14:28
M5PFPeA	103	50-200		1/15/25 14:28
M5PFHxA	105	50-200		1/15/25 14:28
M3PFHxS	93.6	50-200		1/15/25 14:28
M4PFHpA	104	50-200		1/15/25 14:28
M8PFOA	94.5	50-200		1/15/25 14:28
M8PFOS	91.2	50-200		1/15/25 14:28
M9PFNA	81.1	50-200		1/15/25 14:28
MPFDoA	83.0	50-200		1/15/25 14:28

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, NY Sample Description: Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 2N-25 Sampled: 12/17/2024 00:00

Sample ID: 24L1764-12

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)	8.8	1.9	0.61		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluorobutanesulfonic acid (PFBS)	0.72	1.9	0.56		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluoropentanoic acid (PFPeA)	5.2	1.9	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluorohexanoic acid (PFHxA)	1.7	1.9	0.60		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:35	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.72		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.95		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.61		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.79		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.49		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.50		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.96		ng/L	1		EPA 533	1/10/25	1/15/25 14:35	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	71.7	50-200		1/15/25 14:35
M2-8:2FTS	67.9	50-200		1/15/25 14:35
MPFBA	99.5	50-200		1/15/25 14:35
M3HFPO-DA	112	50-200		1/15/25 14:35
M6PFDA	78.5	50-200		1/15/25 14:35
M3PFBS	92.1	50-200		1/15/25 14:35
M7PFUnA	85.5	50-200		1/15/25 14:35
M2-6:2FTS	97.3	50-200		1/15/25 14:35
M5PFPeA	100	50-200		1/15/25 14:35
M5PFHxA	99.1	50-200		1/15/25 14:35
M3PFHxS	95.9	50-200		1/15/25 14:35
M4PFHpA	99.5	50-200		1/15/25 14:35
M8PFOA	87.2	50-200		1/15/25 14:35
M8PFOS	83.5	50-200		1/15/25 14:35
M9PFNA	78.4	50-200		1/15/25 14:35
MPFDoA	80.9	50-200		1/15/25 14:35

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, NY | Sample Description: | Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 2N-50 | Sampled: 12/17/2024 00:00

Sample ID: 24L1764-13

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	7.5	2.0	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	0.61		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluoropentanoic acid (PFPeA)	4.1	2.0	0.60		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluorohexanoic acid (PFHxA)	1.1	2.0	0.65		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:42	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.76		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.77		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.85		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.60		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.5		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.72		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluoroheptanoic acid (PFHpA)	ND	2.0	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluorooctanoic acid (PFOA)	0.63	2.0	0.57		ng/L	1	J	EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.73		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 14:42	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	79.9	50-200		1/15/25 14:42
M2-8:2FTS	71.8	50-200		1/15/25 14:42
MPFBA	93.2	50-200		1/15/25 14:42
M3HFPO-DA	114	50-200		1/15/25 14:42
M6PFDA	79.1	50-200		1/15/25 14:42
M3PFBS	97.2	50-200		1/15/25 14:42
M7PFUnA	72.6	50-200		1/15/25 14:42
M2-6:2FTS	80.4	50-200		1/15/25 14:42
M5PFPeA	95.8	50-200		1/15/25 14:42
M5PFHxA	100	50-200		1/15/25 14:42
M3PFHxS	97.3	50-200		1/15/25 14:42
M4PFHpA	96.2	50-200		1/15/25 14:42
M8PFOA	89.3	50-200		1/15/25 14:42
M8PFOS	96.3	50-200		1/15/25 14:42
M9PFNA	80.3	50-200		1/15/25 14:42
MPFDoA	82.7	50-200		1/15/25 14:42

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, NY Sample Description: Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 2N-75 Sampled: 12/17/2024 00:00

Sample ID: 24L1764-14

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)	6.1	2.0	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	0.60		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluoropentanoic acid (PFPeA)	1.1	2.0	0.59		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluorohexanoic acid (PFHxA)	ND	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.75		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.77		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.85		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.60		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.5		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluoroheptanoic acid (PFHpA)	ND	2.0	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluorooctanoic acid (PFOA)	ND	2.0	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	0.73		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 15:15	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	71.5	50-200		1/15/25 15:15
M2-8:2FTS	76.3	50-200		1/15/25 15:15
MPFBA	88.2	50-200		1/15/25 15:15
M3HFPO-DA	109	50-200		1/15/25 15:15
M6PFDA	68.0	50-200		1/15/25 15:15
M3PFBS	96.5	50-200		1/15/25 15:15
M7PFUnA	69.0	50-200		1/15/25 15:15
M2-6:2FTS	95.8	50-200		1/15/25 15:15
M5PFPeA	84.2	50-200		1/15/25 15:15
M5PFHxA	90.2	50-200		1/15/25 15:15
M3PFHxS	93.3	50-200		1/15/25 15:15
M4PFHpA	89.0	50-200		1/15/25 15:15
M8PFOA	80.0	50-200		1/15/25 15:15
M8PFOS	80.9	50-200		1/15/25 15:15
M9PFNA	73.2	50-200		1/15/25 15:15
MPFDoA	68.5	50-200		1/15/25 15:15

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, NY | Sample Description: | Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 2MID | Sampled: 12/17/2024 00:00

Sample ID: 24L1764-15

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)	4.6	1.9	0.62		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluoropentanoic acid (PFPeA)	1.3	1.9	0.56		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.61		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.73		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.96		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.62		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.80		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.50		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.50		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.97		ng/L	1		EPA 533	1/10/25	1/15/25 15:23	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	92.8	50-200		1/15/25 15:23
M2-8:2FTS	72.5	50-200		1/15/25 15:23
MPFBA	82.9	50-200		1/15/25 15:23
M3HFPO-DA	87.4	50-200		1/15/25 15:23
M6PFDA	84.2	50-200		1/15/25 15:23
M3PFBS	105	50-200		1/15/25 15:23
M7PFUnA	83.1	50-200		1/15/25 15:23
M2-6:2FTS	99.1	50-200		1/15/25 15:23
M5PFPeA	77.5	50-200		1/15/25 15:23
M5PFHxA	82.9	50-200		1/15/25 15:23
M3PFHxS	109	50-200		1/15/25 15:23
M4PFHpA	86.4	50-200		1/15/25 15:23
M8PFOA	81.7	50-200		1/15/25 15:23
M8PFOS	98.0	50-200		1/15/25 15:23
M9PFNA	79.9	50-200		1/15/25 15:23
MPFDoA	83.7	50-200		1/15/25 15:23

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, NY | Sample Description: | Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 2S-25 | Sampled: 12/17/2024 00:00

Sample ID: 24L1764-16

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)	8.7	1.9	0.61		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluorobutanesulfonic acid (PFBS)	2.8	1.9	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluoropentanoic acid (PFPeA)	8.6	1.9	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluorohexanoic acid (PFHxA)	5.7	1.9	0.60		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.72		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.95		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.61		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.79		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.49		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluorohexanesulfonic acid (PFHxS)	5.1	1.9	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.50		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluoropentanesulfonic acid (PFPeS)	1.1	1.9	0.63		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluoroheptanoic acid (PFHpA)	2.7	1.9	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluorooctanoic acid (PFOA)	3.6	1.9	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluorooctanesulfonic acid (PFOS)	4.7	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.96		ng/L	1		EPA 533	1/10/25	1/15/25 15:30	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	87.7	50-200		1/15/25 15:30
M2-8:2FTS	74.7	50-200		1/15/25 15:30
MPFBA	101	50-200		1/15/25 15:30
M3HFPO-DA	116	50-200		1/15/25 15:30
M6PFDA	82.6	50-200		1/15/25 15:30
M3PFBS	96.8	50-200		1/15/25 15:30
M7PFUnA	86.6	50-200		1/15/25 15:30
M2-6:2FTS	95.2	50-200		1/15/25 15:30
M5PFPeA	112	50-200		1/15/25 15:30
M5PFHxA	105	50-200		1/15/25 15:30
M3PFHxS	99.5	50-200		1/15/25 15:30
M4PFHpA	102	50-200		1/15/25 15:30
M8PFOA	89.8	50-200		1/15/25 15:30
M8PFOS	94.2	50-200		1/15/25 15:30
M9PFNA	79.2	50-200		1/15/25 15:30
MPFDoA	85.9	50-200		1/15/25 15:30

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, NY Sample Description: Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 2S-50 Sampled: 12/17/2024 00:00

Sample ID: 24L1764-17

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	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluorobutanesulfonic acid (PFBS)	2.6	2.0	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluoropentanoic acid (PFPeA)	9.3	2.0	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluorohexanoic acid (PFHxA)	5.6	2.0	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.0	0.74		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.0	0.76		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluorodecanoic acid (PFDA)	ND	2.0	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.0	0.83		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluorohexanesulfonic acid (PFHxS)	3.6	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	0.52		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0	1.5		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.0	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.0	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluoroheptanoic acid (PFHpA)	2.4	2.0	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluorooctanoic acid (PFOA)	3.1	2.0	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluorooctanesulfonic acid (PFOS)	2.1	2.0	0.72		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2
Perfluorononanoic acid (PFNA)	ND	2.0	1.0		ng/L	1		EPA 533	1/10/25	1/15/25 15:37	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	68.3	50-200		1/15/25 15:37
M2-8:2FTS	62.5	50-200		1/15/25 15:37
MPFBA	84.9	50-200		1/15/25 15:37
M3HFPO-DA	96.9	50-200		1/15/25 15:37
M6PFDA	67.0	50-200		1/15/25 15:37
M3PFBS	85.5	50-200		1/15/25 15:37
M7PFUnA	72.4	50-200		1/15/25 15:37
M2-6:2FTS	80.0	50-200		1/15/25 15:37
M5PFPeA	92.1	50-200		1/15/25 15:37
M5PFHxA	87.0	50-200		1/15/25 15:37
M3PFHxS	85.5	50-200		1/15/25 15:37
M4PFHpA	84.8	50-200		1/15/25 15:37
M8PFOA	74.2	50-200		1/15/25 15:37
M8PFOS	82.2	50-200		1/15/25 15:37
M9PFNA	67.2	50-200		1/15/25 15:37
MPFDoA	71.9	50-200		1/15/25 15:37

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, NY | Sample Description: | Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 2S-75 | Sampled: 12/17/2024 00:00

Sample ID: 24L1764-18

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)	7.1	1.9	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluorobutanesulfonic acid (PFBS)	1.5	1.9	0.58		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluoropentanoic acid (PFPeA)	6.8	1.9	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluorohexanoic acid (PFHxA)	3.6	1.9	0.62		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.73		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.74		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.98		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.66		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.82		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9	0.51		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluorohexanesulfonic acid (PFHxS)	1.1	1.9	0.67		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.56		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.51		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9	1.4		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.68		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluoroheptanoic acid (PFHpA)	1.2	1.9	0.54		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluorooctanoic acid (PFOA)	1.1	1.9	0.55		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.99		ng/L	1		EPA 533	1/10/25	1/15/25 15:44	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	85.0	50-200		1/15/25 15:44
M2-8:2FTS	77.4	50-200		1/15/25 15:44
MPFBA	99.4	50-200		1/15/25 15:44
M3HFPO-DA	117	50-200		1/15/25 15:44
M6PFDA	81.3	50-200		1/15/25 15:44
M3PFBS	108	50-200		1/15/25 15:44
M7PFUnA	85.7	50-200		1/15/25 15:44
M2-6:2FTS	96.3	50-200		1/15/25 15:44
M5PFPeA	104	50-200		1/15/25 15:44
M5PFHxA	96.9	50-200		1/15/25 15:44
M3PFHxS	109	50-200		1/15/25 15:44
M4PFHpA	96.5	50-200		1/15/25 15:44
M8PFOA	83.3	50-200		1/15/25 15:44
M8PFOS	106	50-200		1/15/25 15:44
M9PFNA	80.6	50-200		1/15/25 15:44
MPFDoA	84.3	50-200		1/15/25 15:44

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, NY Sample Description: Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 2POST Sampled: 12/17/2024 00:00

Sample ID: 24L1764-19

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)	7.0	1.8	0.60		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluorobutanesulfonic acid (PFBS)	1.6	1.8	0.55		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluoropentanoic acid (PFPeA)	6.1	1.8	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluorohexanoic acid (PFHxA)	3.1	1.8	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.70		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.50		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	0.93		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8	0.60		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluorodecanoic acid (PFDA)	ND	1.8	0.63		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.77		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8	0.48		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluorohexanesulfonic acid (PFHxS)	1.3	1.8	0.64		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	0.53		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	0.48		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8	1.4		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	0.61		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.65		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	0.64		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluoroheptanoic acid (PFHpA)	0.99	1.8	0.51		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluorooctanoic acid (PFOA)	1.0	1.8	0.52		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluorooctanesulfonic acid (PFOS)	0.97	1.8	0.67		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:52	JR2
Perfluorononanoic acid (PFNA)	ND	1.8	0.93		ng/L	1		EPA 533	1/10/25	1/15/25 15:52	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	83.4	50-200		1/15/25 15:52
M2-8:2FTS	72.7	50-200		1/15/25 15:52
MPFBA	94.3	50-200		1/15/25 15:52
M3HFPO-DA	97.9	50-200		1/15/25 15:52
M6PFDA	80.0	50-200		1/15/25 15:52
M3PFBS	103	50-200		1/15/25 15:52
M7PFUnA	75.8	50-200		1/15/25 15:52
M2-6:2FTS	92.5	50-200		1/15/25 15:52
M5PFPeA	94.6	50-200		1/15/25 15:52
M5PFHxA	94.8	50-200		1/15/25 15:52
M3PFHxS	100	50-200		1/15/25 15:52
M4PFHpA	90.1	50-200		1/15/25 15:52
M8PFOA	82.9	50-200		1/15/25 15:52
M8PFOS	102	50-200		1/15/25 15:52
M9PFNA	75.0	50-200		1/15/25 15:52
MPFDoA	64.4	50-200		1/15/25 15:52

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: New Windsor, NY Sample Description: Work Order: 24L1764

Date Received: 12/20/2024

Field Sample #: BH20241217 - 3N-25 Sampled: 12/17/2024 00:00

Sample ID: 24L1764-20

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)	7.3	2.1	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluorobutanesulfonic acid (PFBS)	ND	2.1	0.62		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluoropentanoic acid (PFPeA)	4.9	2.1	0.61		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluorohexanoic acid (PFHxA)	1.2	2.1	0.67		ng/L	1	J	EPA 533	1/10/25	1/15/25 15:59	JR2
11Cl-PF3OUdS (F53B Major)	ND	2.1	0.78		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
9Cl-PF3ONS (F53B Minor)	ND	2.1	0.79		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.1	0.57		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.1	1.1		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.1	0.67		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluorodecanoic acid (PFDA)	ND	2.1	0.71		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluorododecanoic acid (PFDoA)	ND	2.1	0.87		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.1	0.62		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.1	0.72		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.1	0.54		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	2.1	0.72		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.1	0.60		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.1	0.55		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.1	1.5		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluoropentanesulfonic acid (PFPeS)	ND	2.1	0.69		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluoroundecanoic acid (PFUnA)	ND	2.1	0.74		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.1	0.73		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluoroheptanoic acid (PFHpA)	ND	2.1	0.58		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluorooctanoic acid (PFOA)	ND	2.1	0.59		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	2.1	0.75		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2
Perfluorononanoic acid (PFNA)	ND	2.1	1.1		ng/L	1		EPA 533	1/10/25	1/15/25 15:59	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	76.7	50-200		1/15/25 15:59
M2-8:2FTS	60.1	50-200		1/15/25 15:59
MPFBA	94.1	50-200		1/15/25 15:59
M3HFPO-DA	106	50-200		1/15/25 15:59
M6PFDA	76.7	50-200		1/15/25 15:59
M3PFBS	96.2	50-200		1/15/25 15:59
M7PFUnA	77.3	50-200		1/15/25 15:59
M2-6:2FTS	89.5	50-200		1/15/25 15:59
M5PFPeA	92.6	50-200		1/15/25 15:59
M5PFHxA	99.9	50-200		1/15/25 15:59
M3PFHxS	93.6	50-200		1/15/25 15:59
M4PFHpA	101	50-200		1/15/25 15:59
M8PFOA	90.6	50-200		1/15/25 15:59
M8PFOS	93.5	50-200		1/15/25 15:59
M9PFNA	78.3	50-200		1/15/25 15:59
MPFDoA	78.2	50-200		1/15/25 15:59

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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
24L1764-01 [BH20241217 - PRE GAC]	B396004	255	1.00	01/10/25
24L1764-02 [BH20241217 - POST GAC]	B396004	257	1.00	01/10/25
24L1764-03 [BH20241217 - POST GAC DUP]	B396004	258	1.00	01/10/25
24L1764-04 [BH20241217 - 1N-25]	B396004	257	1.00	01/10/25
24L1764-05 [BH20241217 - 1N-50]	B396004	251	1.00	01/10/25
24L1764-06 [BH20241217 - 1N-75]	B396004	255	1.00	01/10/25
24L1764-07 [BH20241217 - 1MID]	B396004	254	1.00	01/10/25
24L1764-08 [BH20241217 - 1S-25]	B396004	256	1.00	01/10/25
24L1764-09 [BH20241217 - 1S-50]	B396004	261	1.00	01/10/25
24L1764-10 [BH20241217 - 1S-75]	B396004	254	1.00	01/10/25
24L1764-11 [BH20241217 - 1POST]	B396004	262	1.00	01/10/25
24L1764-12 [BH20241217 - 2N-25]	B396004	268	1.00	01/10/25
24L1764-13 [BH20241217 - 2N-50]	B396004	249	1.00	01/10/25
24L1764-14 [BH20241217 - 2N-75]	B396004	251	1.00	01/10/25
24L1764-15 [BH20241217 - 2MID]	B396004	265	1.00	01/10/25
24L1764-16 [BH20241217 - 2S-25]	B396004	268	1.00	01/10/25
24L1764-17 [BH20241217 - 2S-50]	B396004	255	1.00	01/10/25
24L1764-18 [BH20241217 - 2S-75]	B396004	260	1.00	01/10/25
24L1764-19 [BH20241217 - 2POST]	B396004	274	1.00	01/10/25
24L1764-20 [BH20241217 - 3N-25]	B396004	243	1.00	01/10/25

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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 B396004 - EPA 533											
Blank (B396004-BLK1)					Prepared: 01/10/25 Analyzed: 01/15/25						
Perfluorobutanoic acid (PFBA)	ND	1.9	0.61	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.56	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.9	0.55	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.60	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.70	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.71	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.51	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.95	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	0.61	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.9	0.63	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.78	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	0.56	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	0.65	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	0.49	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.65	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	0.54	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	0.49	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	1.4	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	0.62	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.66	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	0.65	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.52	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.9	0.53	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.68	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.9	0.95	ng/L							
Surrogate: M2-4:2FTS	*28.4*			ng/L	34.72		81.9	50-200			
Surrogate: M2-8:2FTS	*23.0*			ng/L	35.53		64.6	50-200			
Surrogate: MPFBA	*33.8*			ng/L	37.02		91.2	50-200			
Surrogate: M3HFPO-DA	*39.9*			ng/L	37.02		108	50-200			
Surrogate: M6PFDA	*28.5*			ng/L	37.02		77.0	50-200			
Surrogate: M3PFBS	*34.2*			ng/L	34.50		99.2	50-200			
Surrogate: M7PFUnA	*30.2*			ng/L	37.02		81.7	50-200			
Surrogate: M2-6:2FTS	*37.8*			ng/L	35.20		107	50-200			
Surrogate: M5PFPeA	*32.3*			ng/L	37.02		87.2	50-200			
Surrogate: M5PFHxA	*33.3*			ng/L	37.02		90.1	50-200			
Surrogate: M3PFHxS	*34.6*			ng/L	35.09		98.7	50-200			
Surrogate: M4PFHpA	*34.0*			ng/L	37.02		91.9	50-200			
Surrogate: M8PFOA	*30.5*			ng/L	37.02		82.3	50-200			
Surrogate: M8PFOS	*32.6*			ng/L	35.50		91.8	50-200			
Surrogate: M9PFNA	*26.8*			ng/L	37.02		72.4	50-200			
Surrogate: MPFDoA	*28.6*			ng/L	37.02		77.3	50-200			
LCS (B396004-BS1)					Prepared: 01/10/25 Analyzed: 01/15/25						
Perfluorobutanoic acid (PFBA)	22.2	1.8	0.59	ng/L	17.89		124	70-130			
Perfluorobutanesulfonic acid (PFBS)	20.5	1.8	0.54	ng/L	17.89		115	70-130			
Perfluoropentanoic acid (PFPeA)	18.5	1.8	0.53	ng/L	17.89		103	70-130			
Perfluorohexanoic acid (PFHxA)	18.1	1.8	0.58	ng/L	17.89		101	70-130			
11Cl-PF3OUdS (F53B Major)	19.1	1.8	0.68	ng/L	17.89		107	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 B396004 - EPA 533											
LCS (B396004-BS1)					Prepared: 01/10/25 Analyzed: 01/15/25						
9Cl-PF3ONS (F53B Minor)	19.4	1.8	0.69	ng/L	17.89		109	70-130			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	21.5	1.8	0.49	ng/L	17.89		120	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	12.8	1.8	0.91	ng/L	17.89		71.6	70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	19.2	1.8	0.59	ng/L	17.89		107	70-130			
Perfluorodecanoic acid (PFDA)	18.7	1.8	0.61	ng/L	17.89		104	70-130			
Perfluorododecanoic acid (PFDoA)	18.4	1.8	0.76	ng/L	17.89		103	70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	21.9	1.8	0.54	ng/L	17.89		123	70-130			
Perfluoroheptanesulfonic acid (PFHpS)	15.3	1.8	0.63	ng/L	17.89		85.7	70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	16.8	1.8	0.47	ng/L	17.89		94.2	70-130			
Perfluorohexanesulfonic acid (PFHxS)	20.5	1.8	0.63	ng/L	17.89		115	70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	18.5	1.8	0.52	ng/L	17.89		103	70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	17.3	1.8	0.47	ng/L	17.89		96.7	70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	13.7	1.8	1.3	ng/L	17.89		76.4	70-130			
Perfluoropentanesulfonic acid (PFPeS)	20.5	1.8	0.60	ng/L	17.89		115	70-130			
Perfluoroundecanoic acid (PFUnA)	20.3	1.8	0.64	ng/L	17.89		114	70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	18.3	1.8	0.63	ng/L	17.89		102	70-130			
Perfluoroheptanoic acid (PFHpA)	19.2	1.8	0.50	ng/L	17.89		107	70-130			
Perfluorooctanoic acid (PFOA)	19.4	1.8	0.51	ng/L	17.89		108	70-130			
Perfluorooctanesulfonic acid (PFOS)	18.5	1.8	0.65	ng/L	17.89		104	70-130			
Perfluorononanoic acid (PFNA)	22.2	1.8	0.92	ng/L	17.89		124	70-130			
Surrogate: M2-4:2FTS	*25.6*			ng/L	33.57		76.4	50-200			
Surrogate: M2-8:2FTS	*20.2*			ng/L	34.35		58.8	50-200			
Surrogate: MPFBA	*29.0*			ng/L	35.79		81.2	50-200			
Surrogate: M3HFPO-DA	*34.7*			ng/L	35.79		96.9	50-200			
Surrogate: M6PFDA	*26.4*			ng/L	35.79		73.8	50-200			
Surrogate: M3PFBS	*31.9*			ng/L	33.35		95.7	50-200			
Surrogate: M7PFUnA	*27.5*			ng/L	35.79		76.8	50-200			
Surrogate: M2-6:2FTS	*35.2*			ng/L	34.03		104	50-200			
Surrogate: M5PFPeA	*27.1*			ng/L	35.79		75.8	50-200			
Surrogate: M5PFHxA	*29.8*			ng/L	35.79		83.4	50-200			
Surrogate: M3PFHxS	*33.0*			ng/L	33.92		97.1	50-200			
Surrogate: M4PFHpA	*29.2*			ng/L	35.79		81.7	50-200			
Surrogate: M8PFOA	*27.7*			ng/L	35.79		77.4	50-200			
Surrogate: M8PFOS	*33.0*			ng/L	34.32		96.3	50-200			
Surrogate: M9PFNA	*25.0*			ng/L	35.79		69.8	50-200			
Surrogate: MPFDoA	*27.9*			ng/L	35.79		77.9	50-200			
Matrix Spike (B396004-MS1)		**Source: 24L1764-02**			Prepared: 01/10/25 Analyzed: 01/15/25						
Perfluorobutanoic acid (PFBA)	29.1	1.9	0.62	ng/L	18.94	5.36	125	70-130			
Perfluorobutanesulfonic acid (PFBS)	21.3	1.9	0.57	ng/L	18.94	ND	113	70-130			
Perfluoropentanoic acid (PFPeA)	21.7	1.9	0.56	ng/L	18.94	1.58	106	70-130			
Perfluorohexanoic acid (PFHxA)	20.3	1.9	0.61	ng/L	18.94	ND	107	70-130			
11Cl-PF3OUdS (F53B Major)	18.7	1.9	0.72	ng/L	18.94	ND	98.5	70-130			
9Cl-PF3ONS (F53B Minor)	19.3	1.9	0.73	ng/L	18.94	ND	102	70-130			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	22.8	1.9	0.52	ng/L	18.94	ND	120	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	14.4	1.9	0.97	ng/L	18.94	ND	76.1	70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	21.4	1.9	0.62	ng/L	18.94	ND	113	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 B396004 - EPA 533												
Matrix Spike (B396004-MS1)	**Source: 24L1764-02**				Prepared: 01/10/25 Analyzed: 01/15/25							
Perfluorodecanoic acid (PFDA)	20.3	1.9	0.65	ng/L	18.94	ND	107		70-130			
Perfluorododecanoic acid (PFDoA)	18.8	1.9	0.80	ng/L	18.94	ND	99.5		70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	22.8	1.9	0.57	ng/L	18.94	ND	120		70-130			
Perfluoroheptanesulfonic acid (PFHpS)	15.4	1.9	0.66	ng/L	18.94	ND	81.1		70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	19.4	1.9	0.50	ng/L	18.94	ND	102		70-130			
Perfluorohexanesulfonic acid (PFHxS)	23.1	1.9	0.66	ng/L	18.94	ND	122		70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	19.8	1.9	0.55	ng/L	18.94	ND	105		70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	18.9	1.9	0.50	ng/L	18.94	ND	99.6		70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	18.0	1.9	1.4	ng/L	18.94	ND	95.3		70-130			
Perfluoropentanesulfonic acid (PFPeS)	23.4	1.9	0.64	ng/L	18.94	ND	124		70-130			
Perfluoroundecanoic acid (PFUnA)	22.1	1.9	0.68	ng/L	18.94	ND	117		70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	20.0	1.9	0.67	ng/L	18.94	ND	106		70-130			
Perfluoroheptanoic acid (PFHpA)	19.7	1.9	0.53	ng/L	18.94	ND	104		70-130			
Perfluorooctanoic acid (PFOA)	19.3	1.9	0.54	ng/L	18.94	ND	102		70-130			
Perfluorooctanesulfonic acid (PFOS)	19.2	1.9	0.69	ng/L	18.94	ND	102		70-130			
Perfluorononanoic acid (PFNA)	22.6	1.9	0.97	ng/L	18.94	ND	119		70-130			
Surrogate: M2-4:2FTS	*25.6*			ng/L	35.53		71.9		50-200			
Surrogate: M2-8:2FTS	*21.2*			ng/L	36.36		58.4		50-200			
Surrogate: MPFBA	*34.1*			ng/L	37.87		90.2		50-200			
Surrogate: M3HFPO-DA	*40.8*			ng/L	37.87		108		50-200			
Surrogate: M6PFDA	*27.3*			ng/L	37.87		72.2		50-200			
Surrogate: M3PFBS	*31.1*			ng/L	35.30		88.1		50-200			
Surrogate: M7PFUnA	*28.3*			ng/L	37.87		74.6		50-200			
Surrogate: M2-6:2FTS	*30.8*			ng/L	36.02		85.6		50-200			
Surrogate: M5PFPeA	*32.3*			ng/L	37.87		85.3		50-200			
Surrogate: M5PFHxA	*34.1*			ng/L	37.87		90.0		50-200			
Surrogate: M3PFHxS	*30.8*			ng/L	35.91		85.8		50-200			
Surrogate: M4PFHpA	*33.6*			ng/L	37.87		88.6		50-200			
Surrogate: M8PFOA	*29.5*			ng/L	37.87		78.0		50-200			
Surrogate: M8PFOS	*33.0*			ng/L	36.32		90.8		50-200			
Surrogate: M9PFNA	*25.7*			ng/L	37.87		67.9		50-200			
Surrogate: MPFDoA	*29.9*			ng/L	37.87		78.9		50-200			
Matrix Spike Dup (B396004-MSD1)	**Source: 24L1764-02**				Prepared: 01/10/25 Analyzed: 01/15/25							
Perfluorobutanoic acid (PFBA)	28.8	1.9	0.63	ng/L	19.33	5.36	121		70-130	0.851	30	
Perfluorobutanesulfonic acid (PFBS)	22.7	1.9	0.58	ng/L	19.33	ND	117		70-130	6.20	30	
Perfluoropentanoic acid (PFPeA)	21.1	1.9	0.57	ng/L	19.33	1.58	101		70-130	2.73	30	
Perfluorohexanoic acid (PFHxA)	20.3	1.9	0.62	ng/L	19.33	ND	105		70-130	0.376	30	
11Cl-PF3OUdS (F53B Major)	21.2	1.9	0.73	ng/L	19.33	ND	110		70-130	12.7	30	
9Cl-PF3ONS (F53B Minor)	21.5	1.9	0.74	ng/L	19.33	ND	111		70-130	10.9	30	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	22.8	1.9	0.53	ng/L	19.33	ND	118		70-130	0.189	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	11.7	1.9	0.99	ng/L	19.33	ND	**60.6**	*	70-130	20.6	30	MS-22
8:2 Fluorotelomersulfonic acid (8:2FTS A)	21.7	1.9	0.63	ng/L	19.33	ND	112		70-130	1.63	30	
Perfluorodecanoic acid (PFDA)	20.5	1.9	0.66	ng/L	19.33	ND	106		70-130	1.19	30	
Perfluorododecanoic acid (PFDoA)	20.6	1.9	0.82	ng/L	19.33	ND	107		70-130	8.94	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	23.8	1.9	0.58	ng/L	19.33	ND	123		70-130	4.27	30	
Perfluoroheptanesulfonic acid (PFHpS)	15.9	1.9	0.68	ng/L	19.33	ND	82.2		70-130	3.41	30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	18.6	1.9	0.51	ng/L	19.33	ND	96.3		70-130	3.85	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 B396004 - EPA 533												
Matrix Spike Dup (B396004-MSD1)	**Source: 24L1764-02**				Prepared: 01/10/25 Analyzed: 01/15/25							
Perfluorohexanesulfonic acid (PFHxS)	25.5	1.9	0.68	ng/L	19.33	ND	**132**	*	70-130	9.99	30	MS-14
Perfluoro-4-oxapentanoic acid (PFMPA)	19.8	1.9	0.56	ng/L	19.33	ND	103		70-130	0.0169	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	19.1	1.9	0.51	ng/L	19.33	ND	99.0		70-130	1.40	30	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	15.7	1.9	1.4	ng/L	19.33	ND	81.3		70-130	13.9	30	
Perfluoropentanesulfonic acid (PFPeS)	24.1	1.9	0.65	ng/L	19.33	ND	125		70-130	3.20	30	
Perfluoroundecanoic acid (PFUnA)	21.7	1.9	0.69	ng/L	19.33	ND	112		70-130	1.70	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	19.7	1.9	0.68	ng/L	19.33	ND	102		70-130	1.62	30	
Perfluoroheptanoic acid (PFHpA)	19.4	1.9	0.54	ng/L	19.33	ND	100		70-130	1.63	30	
Perfluorooctanoic acid (PFOA)	22.0	1.9	0.55	ng/L	19.33	ND	114		70-130	13.0	30	
Perfluorooctanesulfonic acid (PFOS)	21.5	1.9	0.71	ng/L	19.33	ND	111		70-130	11.3	30	
Perfluorononanoic acid (PFNA)	22.8	1.9	0.99	ng/L	19.33	ND	118		70-130	0.759	30	
Surrogate: M2-4:2FTS	*27.2*			ng/L	36.26		74.9		50-200			
Surrogate: M2-8:2FTS	*21.4*			ng/L	37.11		57.7		50-200			
Surrogate: MPFBA	*35.1*			ng/L	38.66		90.7		50-200			
Surrogate: M3HFPO-DA	*42.7*			ng/L	38.66		110		50-200			
Surrogate: M6PFDA	*28.2*			ng/L	38.66		73.0		50-200			
Surrogate: M3PFBS	*32.6*			ng/L	36.03		90.4		50-200			
Surrogate: M7PFUnA	*29.1*			ng/L	38.66		75.2		50-200			
Surrogate: M2-6:2FTS	*31.6*			ng/L	36.76		86.0		50-200			
Surrogate: M5PFPeA	*32.8*			ng/L	38.66		84.8		50-200			
Surrogate: M5PFHxA	*34.4*			ng/L	38.66		88.9		50-200			
Surrogate: M3PFHxS	*31.9*			ng/L	36.65		87.0		50-200			
Surrogate: M4PFHpA	*34.7*			ng/L	38.66		89.8		50-200			
Surrogate: M8PFOA	*29.6*			ng/L	38.66		76.7		50-200			
Surrogate: M8PFOS	*31.8*			ng/L	37.07		85.8		50-200			
Surrogate: M9PFNA	*28.6*			ng/L	38.66		73.9		50-200			
Surrogate: MPFDoA	*29.7*			ng/L	38.66		76.9		50-200			

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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-14	Matrix spike recovery is outside of control limits. Data validation is not affected since sample result is "not detected" and recovery bias is on the high side for this compound.
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.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Pace Analytical Services, LLC - East Longmeadow, Ma

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 533 in Drinking Water	
Perfluorobutanoic acid (PFBA)	CT,NH,NY,VT-DW,ME,NJ,PA,OH
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 (PFEESA)	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	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
NJ	New Jersey DEP	MA007 NELAP	06/30/2025
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2025
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2025
OH	Ohio Environmental Protection Agency	87781	04/1/2025

Pace Analytical

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

24L1764

https://www.pacelabs.com/

RM

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

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

Company Name: NYS DEC	Consultant: Arcadis
Consultant Address: 201 Fuller Road Suite 201, Albany, NY 12203	
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 ☑
Due Date:

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

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like (Level 4) Data Pkg Required: ☐
Email To: David.Chiusano@dec.ny.gov
Fax To #:

ANALYSIS REQUESTED (Circle Requested Analyses/Reporting List)

Pace Analytical Work Order#		Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	8260: DER TCL / Oxygenates / CP-51	8270: DER TCL / CP-51	1,4-Dioxane SIM | 8082 PCBs	8081 Pesticide | 8151 Herbicide	TAL Total Metals | TCLP RCRA 8 Metal	PFAS 1633 | PFAS 537 ID	EPA 533	MS/ MSD				# of Containers	[2] Preservation Code	[3] Container Code
															20	4						
															I	I						
															P	P						
	1	BH20241217 - PRE GAC	12/17/2024			X	DW								2							
	2	BH20241217 - POST GAC	12/17/2024			X	DW								2	4						
	3	BH20241217 - POST GAC DUP	12/17/2024			X	DW								2							
	4	BH20241217 - 1N -25	12/17/2024			X	DW								2							
	5	BH20241217 - 1N - 50	12/17/2024			X	DW								2							
	6	BH20241217 - 1N - 75	12/17/2024			X	DW								2							
	7	BH20241217 - 1MID	12/17/2024			X	DW								2							
	8	BH20241217 -1S - 25	12/17/2024			X	DW								2							
	9	BH20241217 - 1S - 50	12/17/2024			X	DW								2							
	10	BH20241217 - 1S - 75	12/17/2024			X	DW								2							

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

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

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

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

Comments: 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)	Date/Time:
	12:18 12/17/24
Received by: (signature)	Date/Time:
	12/18 12/17/24
Relinquished by: (signature)	Date/Time:
	12/18
Received by: (signature)	Date/Time:
	12/18 4:00
Relinquished by: (signature)	Date/Time:
	12/18 8:00
Received by: (signature)	Date/Time:
MSMA(AAL)	12/19 0830
MSMA(AAL)	12/19 2100
	12/19/24 2100
	12/20/24 0050
	12/20/24 0050

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
Other:

Deliverables
☑ Enhanced Data Package
☑ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD
Other:
NELAC and AIHA-LAP, LLC Accredited

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

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

1.4, 0.4, 1.0

Table of Contents

Pace Analytical

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

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Sampled By:	Mohamed Ahmed/ Case VandeValk

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DEC Standard 30-calendar day ☑
Due Date:

Rush (Prior Approval Required)

1-Day ☐ 2-Day ☐ 3-Day ☐
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Format: PDF ☑ EXCEL ☑
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# of Containers														20					
[2] Preservation Code														I					
[3] Container Code														P					
11	BH20241217 - 1POST	12/17/2024			X	DW								2					
12	BH20241217 - 2N - 25	12/17/2024			X	DW								2					
13	BH20241217 - 2N - 50	12/17/2024			X	DW								2					
14	BH20241217 - 2N - 75	12/17/2024			X	DW								2					
15	BH20241217 - 2MID	12/17/2024			X	DW								2					
16	BH20241217 - 2S - 25	12/17/2024			X	DW								2					
17	BH20241217 - 2S - 50	12/17/2024			X	DW								2					
18	BH20241217 - 2S - 75	12/17/2024			X	DW								2					
19	BH20241217 - 2POST	12/17/2024			X	DW								2					
20	BH20241217 - 3N - 25	12/17/2024			X	DW								2					

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

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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

Signature	Date/Time
Relinquished by: (signature)	Date/Time: 12:18 12/17/24
Received by: (signature)	Date/Time: 12/17 1218
Relinquished by: (signature)	Date/Time: 1740
Received by: (signature)	Date/Time: 12/18 4:00
Relinquished by: (signature)	Date/Time: 12/18 3:00
Received by: (signature)	Date/Time: 12/18/24 8:00

Program & Regulatory Information

☐ AWQ STDS ☐ NY TOGS
☐ NYC Sewer Discharge ☐ NY CP-51
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Other:

Deliverables

☑ Enhanced Data Package
☑ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
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Other:

NELAC and AIHA-LAP, LLC Accredited

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Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

12/17/24 2115
12/20/24 0250
1.4 12/20/24 0250

Table of Contents

Quaitrax ID: 120836

Sample		Soils Jars (Circle Amb/Clear)				Ambers						Plastics											VOA Vials						Other / Fill in					
		16oz Amb/Clear	8oz Amb/Clear	4oz Amb/Clear	2oz Amb/Clear	1 Liter			250mL			100mL	1 Liter		500mL		250mL												Col/Bact					
						Unpreserved	HCL	Sulfuric	Sulfuric	Phosphoric	HCl	Unpreserved	Unpreserved	Sulfuric	Unpreserved	Sulfuric	Unpreserved	Trizma	Sulfuric	Nitric	NaOH	Ammonium Acetate	NaOH/Zinc	Unpreserved	HCl	MeOH	D.I. Water	Bisulfate						
1																						2											
2																						6											
3																						2											
4																						→											
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19																																	
20																																	

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

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

Log In Back-Sheet

Client: Arcadis (DEC)

Project: Stewart A.N.G. - Butterhill

MCP/RCP Required: no

Deliverable Package Requirement: NY Cat B

Location: New Windsor, NY

PWSID# (When Applicable): n/a

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time: RL 12/24/24 0850

Back-Sheet By / Date / Time: Mam 12/24/24 1841

Temperature Method: Gun # 6

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

Temp < 6° C Actual Temperature: 1.4, 0.4, 1.0

Rush Samples: Yes / No Notify: No

Short Hold: Yes / No Notify: No

Notes regarding Samples/COC outside of SOP:

* Sample date provided only, no times (several labels illegible, no times added)

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

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑ * see note	☐ *
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	☑ MAM	☑
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.*