NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation
625 Broadway, 12th Floor, Albany, New York 12233-7011
P: (518) 402-9706 | F: (518) 402-9020
www.dec.ny.gov

October 12, 2022

Mr. George Meyers, 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 Meyers:

The New York State Department of Environmental Conservation (DEC) is providing you with a copy of analytical results derived from the **September 8,2022** 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.

No PFOS or PFOA was detected in the Butterhill temporary GAC-treated water. Effective August 26, 2021, the NYS maximum contaminant levels (MCLs) are 10 ppt for PFOS and 10 ppt for PFOA.

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 “BH20220908PRE-GAC” identifier in the Client Sample ID;
- 25 % treatment (within the lead GAC canister in Pair Train No. 1), which has a “BH20220908-1N-25” identifier in the Client Sample ID;
- 50 % treatment (within the lead GAC canister in Pair Train No. 1), which has a “BH20220908-1N-50” identifier in the Client Sample ID;
- 75 % treatment (within the lead GAC canister in Pair Train No. 1), which has a “BH20220908-1N-75” identifier in the Client Sample ID;
- 25 % treatment (within the lead GAC canister in Pair Train No. 2), which has a “BH20220908-2N-25” identifier in the Client Sample ID;
- 50 % treatment (within the lead GAC canister in Pair Train No. 2), which has a “BH20220908-2N-50” identifier in the Client Sample ID;

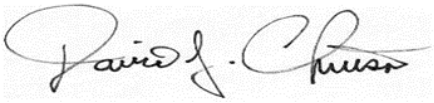
- 75 % treatment (within the lead GAC canister in Pair Train No. 2), which has a "BH20220908-2N-75" identifier in the Client Sample ID;
- 25 % treatment (within the lead GAC canister in Pair Train No. 3), which has a "BH20220908-3N-25" identifier in the Client Sample ID;
- 50 % treatment (within the lead GAC canister in Pair Train No. 3), which has a "BH20220908-3N-50" identifier in the Client Sample ID;
- 75 % treatment (within the lead GAC canister in Pair Train No. 3), which has a "BH20220908-3N-75" identifier in the Client Sample ID;
- Butterhill Well No.1 raw untreated water; which has a "BH20220908-1RAW" identifier in the Client Sample ID;
- Butterhill Well No.2 raw untreated water; which has a "BH20220908-2RAW" identifier in the Client Sample ID;
- Butterhill Well No.3 raw untreated water; which has a "BH20220908-3RAW" identifier in the Client Sample ID;
- Post-treatment (treated water after all GAC trains), which has a "BH20220908POST-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 "BH20220908-1 MID" identifier in the Client Sample ID;
- post-treatment (after the GAC Pair Train 1), which has a "BH20220908-1 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 "BH20220908-2 MID" identifier in the Client Sample ID;
- post-treatment (after the GAC Pair Train 2), which has a "BH20220908-2 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 "BH20220908-3 MID" identifier in the Client Sample ID;
- post-treatment (after the GAC Pair Train 3), which has a "BH20220908-3 POST" identifier in the Client Sample ID;
- 25 % treatment (within the lag GAC canister in Pair Train No. 1), which has a "BH20220908-1S-25" identifier in the Client Sample ID;
- 50 % treatment (within the lag GAC canister in Pair Train No. 1), which has a "BH20220908-1S-50" identifier in the Client Sample ID;
- 75 % treatment (within the lag GAC canister in Pair Train No. 1), which has a "BH20220908-1S-75" identifier in the Client Sample ID;
- 25 % treatment (within the lag GAC canister in Pair Train No. 2), which has a "BH20220908-2S-25" identifier in the Client Sample ID;
- 50 % treatment (within the lag GAC canister in Pair Train No. 2), which has a "BH20220908-2S-50" identifier in the Client Sample ID;
- 75 % treatment (within the lag GAC canister in Pair Train No. 2), which has a "BH20220908-2S-75" identifier in the Client Sample ID;
- 25 % treatment (within the lag GAC canister in Pair Train No. 3), which has a "BH20220908-3S-25" identifier in the Client Sample ID;
- 50 % treatment (within the lag GAC canister in Pair Train No. 3), which has a "BH20220908-3S-50" identifier in the Client Sample ID;
- 75 % treatment (within the lag GAC canister in Pair Train No. 3), which has a "BH20220908-3S-75" identifier in the Client Sample ID;

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

Please note that the next GAC OM sampling event will be scheduled around December 2022.

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, Todd Rollend at (518) 365-3333. 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,



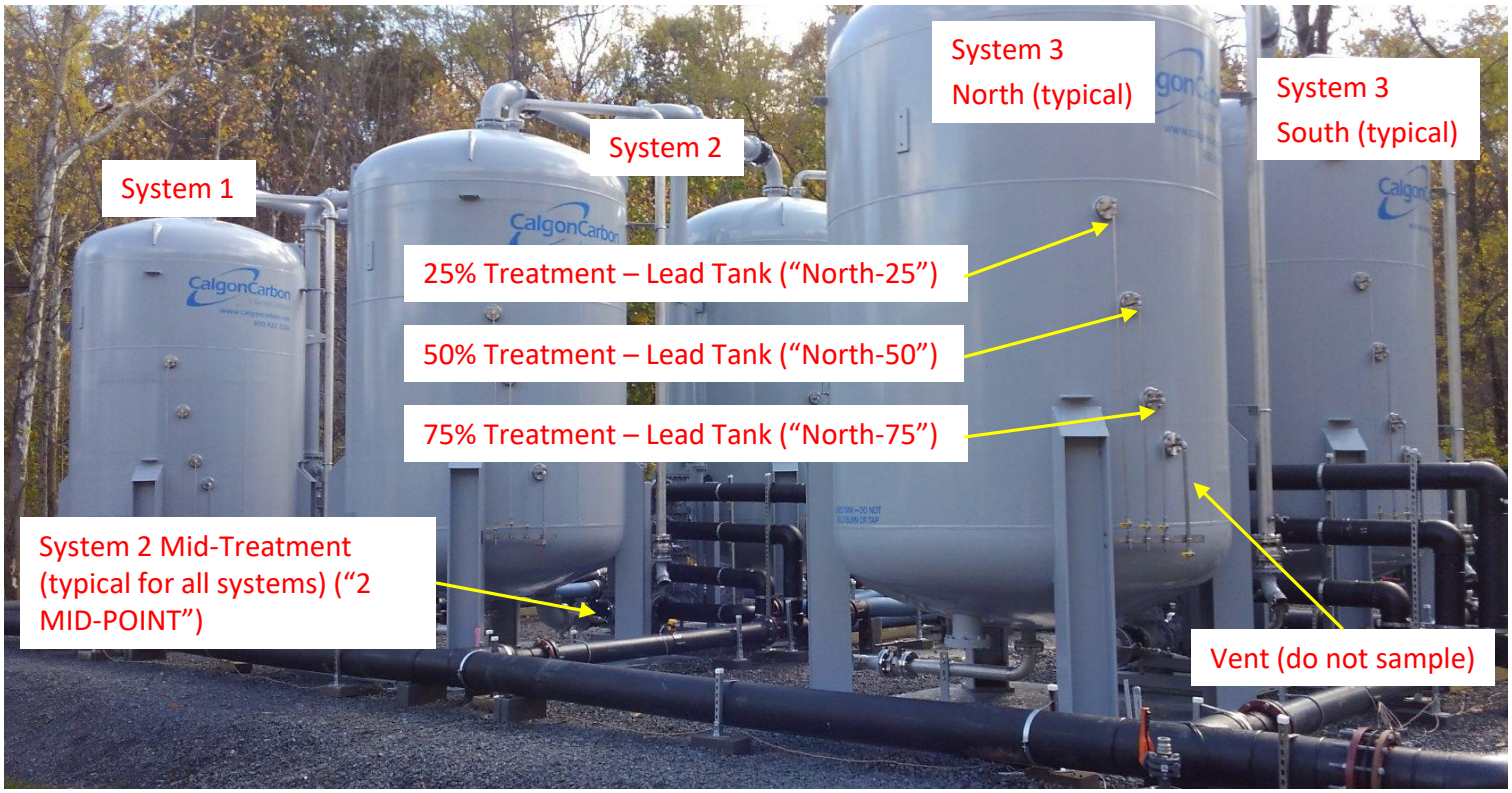
David J. Chiusano
Environmental Engineer/Project Manager
Remedial Section A, Remedial Bureau E
Division of Environmental Remediation

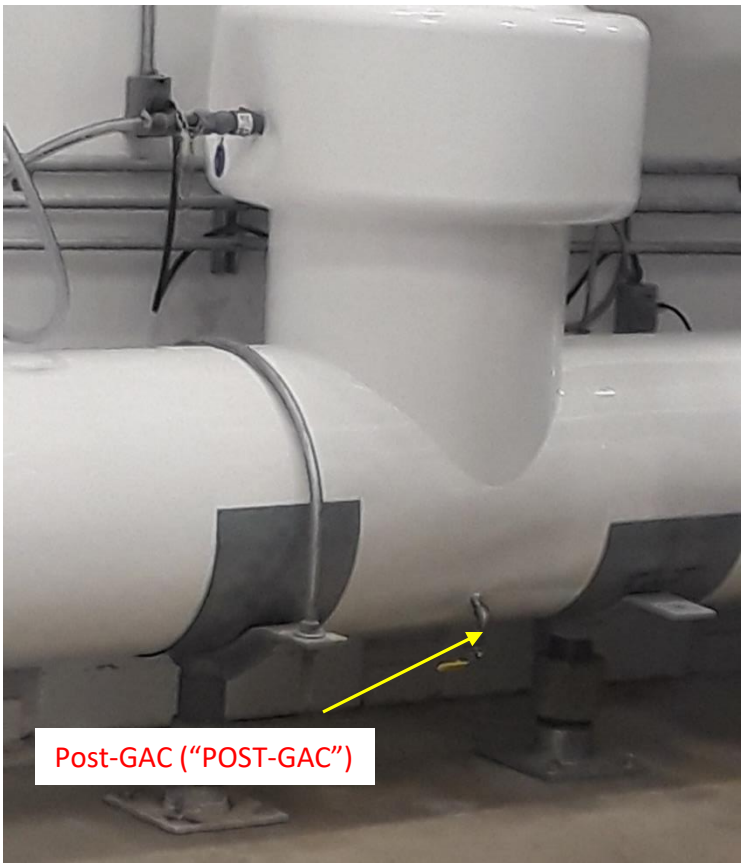
Enclosures

ec: w/enclosures
D. Zagon, Town of New Windsor
J. Egitto, Town of New Windsor
M. Weeks, MHE
S. Gladding, NYSDOH
C. Bethoney, NYSDOH
S. Gagnon, OCDOH
M. Andersen, OCDOH
D. Bryant, Arcadis
F. Fina, Aztech
M. Cruden, NYSDEC-DER
B. Rung, NYSDEC-DER
D. Bendell, Region 3 RHWRE

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.

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	Well 2 Raw Water	Well 3 Raw Water	Pre GAC Raw Water (Combined)	GAC Pair 1 Lead 25%(North)	GAC Pair 1 Lead 50%(North)	GAC Pair 1 Lead 75%(North)	GAC Pair 2 Lead 25% (North)	GAC Pair 2 Lead 50%(North)	GAC Pair 2 Lead 75%(North)	GAC Pair 3 Lead 25%(North)	GAC Pair 3 Lead 50%(North)	GAC Pair 3 Lead 75%(North)	Post GAC Treated Effluent	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

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

Date	Analyte	GAC Pair 1 Mid-Point	GAC Pair 1 Post	GAC Pair 1 Lag 25%(South)	GAC Pair 1 Lag 50% (South)	GAC Pair 1 Lag 75%(South)	GAC Pair 2 Mid-Point	GAC Pair 2 Post	GAC Pair 2 Lag 25% (South)	GAC Pair 2 Lag 50%(South)	GAC Pair 2 Lag 75%(South)	GAC Pair 3 Mid-Point	GAC Pair 3 Post	GAC Pair 3 Lag 25%(South)	GAC Pair 3 Lag 50%(South)	GAC Pair 3 Lag 75%(South)	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**

Notes:

* Method 533 List Analysis

** At the time of sampling (09/08/2022), Production Well 3 was feeding the plant.

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.

con-test®
A Pace Analytical® Laboratory

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

October 10, 2022

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: 30058345
Laboratory Work Order Number: 22I0380

Enclosed are results of analyses for samples as received by the laboratory on September 8, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

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A Pace Analytical® Laboratory

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: 10/10/2022

PURCHASE ORDER NUMBER: 141586

PROJECT NUMBER: 30058345

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22I0380

The results of analyses performed on the following samples submitted to Con-Test, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: New Windsor, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
BH20220908PRE-GAC	22I0380-01	Drinking Water		EPA 533	
BH20220908POST-GAC	22I0380-02	Drinking Water		EPA 533	
BH20220908POST-GAC DUP	22I0380-03	Drinking Water		EPA 533	
BH20220908-1N-25	22I0380-04	Drinking Water		EPA 533	
BH20220908-1N-50	22I0380-05	Drinking Water		EPA 533	
BH20220908-1N-75	22I0380-06	Drinking Water		EPA 533	
BH20220908-1MID	22I0380-07	Drinking Water		EPA 533	
BH20220908-1S-25	22I0380-08	Drinking Water		EPA 533	
BH20220908-1S-50	22I0380-09	Drinking Water		EPA 533	
BH20220908-1S-75	22I0380-10	Drinking Water		EPA 533	
BH20220908-1POST	22I0380-11	Drinking Water		EPA 533	
BH20220908-2N-25	22I0380-12	Drinking Water		EPA 533	
BH20220908-2N-50	22I0380-13	Drinking Water		EPA 533	
BH20220908-2N-75	22I0380-14	Drinking Water		EPA 533	
BH20220908-2MID	22I0380-15	Drinking Water		EPA 533	
BH20220908-2S-25	22I0380-16	Drinking Water		EPA 533	
BH20220908-2S-50	22I0380-17	Drinking Water		EPA 533	
BH20220908-2S-75	22I0380-18	Drinking Water		EPA 533	
BH20220908-2 POST	22I0380-19	Drinking Water		EPA 533	
BH20220908-3N-25	22I0380-20	Drinking Water		EPA 533	
BH20220908-3N-50	22I0380-21	Drinking Water		EPA 533	
BH20220908-3N-75	22I0380-22	Drinking Water		EPA 533	
BH20220908-3 MID	22I0380-23	Drinking Water		EPA 533	
BH20220908-3S-25	22I0380-24	Drinking Water		EPA 533	
BH20220908-3S-50	22I0380-25	Drinking Water		EPA 533	
BH20220908-3S-75	22I0380-26	Drinking Water		EPA 533	
BH20220908-3 POST	22I0380-27	Drinking Water		EPA 533	
BH20220908-1 RAW	22I0380-28	Drinking Water		EPA 533	
BH20220908-2 RAW	22I0380-29	Drinking Water		EPA 533	
BH20220908-3 RAW	22I0380-30	Drinking Water		EPA 533	
BH20220908-FRB	22I0380-31	Drinking Water		EPA 533	

con-test®
A Pace Analytical® Laboratory

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.

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

EPA 533

Qualifications:

L-01

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

Analyte & Samples(s) Qualified:

Perfluorododecanoic acid (PFDoA)
B317444-BS1

L-05

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Perfluoroheptanoic acid (PFHpA)
B317444-BS1

MS-12

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Nonafluoro-3,6-dioxaheptanoic aci
B317444-MS1, B317444-MSD1

Perfluorobutanoic acid (PFBA)
B317444-MS1, B317444-MSD1

Perfluorododecanoic acid (PFDoA)
B317444-MS1, B317444-MSD1

Perfluoroheptanoic acid (PFHpA)
B317444-MS1, B317444-MSD1

Perfluorohexanesulfonic acid (PFH
B317444-MS1, B317444-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:

8:2 Fluorotelomersulfonic acid (8:2
B317444-MSD1

Perfluoro-4-oxapentanoic acid (PF
B317444-MSD1

Perfluorobutanesulfonic acid (PFB
B317444-MSD1

Perfluoroheptanesulfonic acid (PFI
B317444-MSD1

Perfluorohexanoic acid (PFHxA)
B317444-MSD1

Perfluorooctanesulfonic acid (PFO
B317444-MSD1

Perfluoropentanoic acid (PFPeA)
B317444-MSD1

Perfluoroundecanoic acid (PFUnA)
B317444-MSD1

S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:

M2-4:2FTS
S077676-CCV1

M2-6:2FTS
S077676-CCV1

M3HFPO-DA
S077561-CCV3, S077696-CCV2

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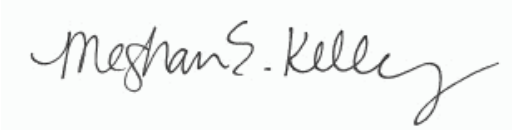
Z-01

Extracted internal standard outside of control limits. Sample not re-extracted past hold per method criteria.

Analyte & Samples(s) Qualified:

M2-6:2FTS
22I0380-27[BH20220908-3 POST]

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, 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.



Meghan E. Kelley
Reporting Specialist

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908PRE-GAC | Sampled: 9/8/2022 09:49

Sample ID: 22I0380-01

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.8	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluorobutanesulfonic acid (PFBS)	3.9	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluoropentanoic acid (PFPeA)	11	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluorohexanoic acid (PFHxA)	8.5	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
11Cl-PF3OUdS (F53B Major)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
9Cl-PF3ONS (F53B Minor)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluorodecanoic acid (PFDA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluorododecanoic acid (PFDoA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluorohexanesulfonic acid (PFHxS)	9.6	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluoroundecanoic acid (PFUnA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluoroheptanoic acid (PFHpA)	4.7	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluorooctanoic acid (PFOA)	6.1	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluorooctanesulfonic acid (PFOS)	12	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL
Perfluorononanoic acid (PFNA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 8:59	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	93.0	50-200		10/6/22 8:59
M2-8:2FTS	134	50-200		10/6/22 8:59
MPFBA	106	50-200		10/6/22 8:59
M3HFPO-DA	126	50-200		10/6/22 8:59
M6PFDA	103	50-200		10/6/22 8:59
M3PFBS	97.3	50-200		10/6/22 8:59
M7PFUnA	92.1	50-200		10/6/22 8:59
M2-6:2FTS	123	50-200		10/6/22 8:59
M5PFPeA	112	50-200		10/6/22 8:59
M5PFHxA	97.9	50-200		10/6/22 8:59
M3PFHxS	98.4	50-200		10/6/22 8:59
M4PFHpA	93.3	50-200		10/6/22 8:59
M8PFOA	103	50-200		10/6/22 8:59
M8PFOS	104	50-200		10/6/22 8:59
M9PFNA	107	50-200		10/6/22 8:59
MPFDoA	83.2	50-200		10/6/22 8:59

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908POST-GAC

Sample ID: 22I0380-02 | Start Date/Time: 9/8/2022 9:51:00AM

Sample Matrix: Drinking Water | Stop Date/Time: 9/8/2022 9:54:00AM

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.0	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluoropentanoic acid (PFPeA)	7.4	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluorohexanoic acid (PFHxA)	3.6	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
11Cl-PF3OUdS (F53B Major)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
9Cl-PF3ONS (F53B Minor)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluorodecanoic acid (PFDA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluorododecanoic acid (PFDoA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluoroundecanoic acid (PFUnA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluoroheptanoic acid (PFHpA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluorooctanoic acid (PFOA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL
Perfluorononanoic acid (PFNA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:07	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	78.2	50-200		10/6/22 9:07
M2-8:2FTS	103	50-200		10/6/22 9:07
MPFBA	94.0	50-200		10/6/22 9:07
M3HFPO-DA	107	50-200		10/6/22 9:07
M6PFDA	85.7	50-200		10/6/22 9:07
M3PFBS	91.0	50-200		10/6/22 9:07
M7PFUnA	78.3	50-200		10/6/22 9:07
M2-6:2FTS	99.0	50-200		10/6/22 9:07
M5PFPeA	93.8	50-200		10/6/22 9:07
M5PFHxA	82.3	50-200		10/6/22 9:07
M3PFHxS	92.0	50-200		10/6/22 9:07
M4PFHpA	80.2	50-200		10/6/22 9:07
M8PFOA	85.2	50-200		10/6/22 9:07
M8PFOS	100	50-200		10/6/22 9:07
M9PFNA	86.0	50-200		10/6/22 9:07
MPFDoA	68.5	50-200		10/6/22 9:07

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Project Location: New Windsor, NY Sample Description: Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908POST-GAC DUP Sampled: 9/8/2022 09:52

Sample ID: 22I0380-03

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.0	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluoropentanoic acid (PFPeA)	7.5	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluorohexanoic acid (PFHxA)	3.7	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
11Cl-PF3OUdS (F53B Major)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
9Cl-PF3ONS (F53B Minor)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluorodecanoic acid (PFDA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluorododecanoic acid (PFDoA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluoroundecanoic acid (PFUnA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluoroheptanoic acid (PFHpA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluorooctanoic acid (PFOA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL
Perfluorononanoic acid (PFNA)	ND	2.1		ng/L	1		EPA 533	9/27/22	10/6/22 9:14	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	77.2	50-200		10/6/22 9:14
M2-8:2FTS	107	50-200		10/6/22 9:14
MPFBA	92.3	50-200		10/6/22 9:14
M3HFPO-DA	119	50-200		10/6/22 9:14
M6PFDA	87.7	50-200		10/6/22 9:14
M3PFBS	91.1	50-200		10/6/22 9:14
M7PFUnA	73.5	50-200		10/6/22 9:14
M2-6:2FTS	98.9	50-200		10/6/22 9:14
M5PFPeA	92.5	50-200		10/6/22 9:14
M5PFHxA	86.2	50-200		10/6/22 9:14
M3PFHxS	93.9	50-200		10/6/22 9:14
M4PFHpA	82.0	50-200		10/6/22 9:14
M8PFOA	87.7	50-200		10/6/22 9:14
M8PFOS	97.4	50-200		10/6/22 9:14
M9PFNA	89.9	50-200		10/6/22 9:14
MPFDoA	63.8	50-200		10/6/22 9:14

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-1N-25 | Sampled: 9/8/2022 10:12

Sample ID: 22I0380-04

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.4	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluorobutanesulfonic acid (PFBS)	3.6	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluoropentanoic acid (PFPeA)	11	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluorohexanoic acid (PFHxA)	8.2	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
11Cl-PF3OUdS (F53B Major)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
9Cl-PF3ONS (F53B Minor)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluorodecanoic acid (PFDA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluorododecanoic acid (PFDoA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluorohexanesulfonic acid (PFHxS)	8.4	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluoroundecanoic acid (PFUnA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluoroheptanoic acid (PFHpA)	4.3	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluorooctanoic acid (PFOA)	5.7	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluorooctanesulfonic acid (PFOS)	10	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL
Perfluorononanoic acid (PFNA)	ND	2.0		ng/L	1		EPA 533	9/27/22	10/6/22 9:21	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	82.4	50-200		10/6/22 9:21
M2-8:2FTS	117	50-200		10/6/22 9:21
MPFBA	93.8	50-200		10/6/22 9:21
M3HFPO-DA	102	50-200		10/6/22 9:21
M6PFDA	86.4	50-200		10/6/22 9:21
M3PFBS	87.0	50-200		10/6/22 9:21
M7PFUnA	81.5	50-200		10/6/22 9:21
M2-6:2FTS	121	50-200		10/6/22 9:21
M5PFPeA	99.5	50-200		10/6/22 9:21
M5PFHxA	82.1	50-200		10/6/22 9:21
M3PFHxS	87.6	50-200		10/6/22 9:21
M4PFHpA	77.9	50-200		10/6/22 9:21
M8PFOA	84.8	50-200		10/6/22 9:21
M8PFOS	95.0	50-200		10/6/22 9:21
M9PFNA	86.5	50-200		10/6/22 9:21
MPFDoA	76.2	50-200		10/6/22 9:21

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-1N-50 | Sampled: 9/8/2022 10:14

Sample ID: 22I0380-05

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.6	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluorobutanesulfonic acid (PFBS)	3.3	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluoropentanoic acid (PFPeA)	11	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluorohexanoic acid (PFHxA)	7.7	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluorohexanesulfonic acid (PFHxS)	7.3	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluoroheptanoic acid (PFHpA)	3.6	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluorooctanoic acid (PFOA)	4.7	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluorooctanesulfonic acid (PFOS)	7.3	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/9/22 15:49	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	91.5	50-200		10/9/22 15:49
M2-8:2FTS	162	50-200		10/9/22 15:49
MPFBA	91.7	50-200		10/9/22 15:49
M3HFPO-DA	97.0	50-200		10/9/22 15:49
M6PFDA	74.3	50-200		10/9/22 15:49
M3PFBS	94.7	50-200		10/9/22 15:49
M7PFUnA	82.7	50-200		10/9/22 15:49
M2-6:2FTS	189	50-200		10/9/22 15:49
M5PFPeA	109	50-200		10/9/22 15:49
M5PFHxA	84.1	50-200		10/9/22 15:49
M3PFHxS	97.1	50-200		10/9/22 15:49
M4PFHpA	81.0	50-200		10/9/22 15:49
M8PFOA	78.3	50-200		10/9/22 15:49
M8PFOS	96.3	50-200		10/9/22 15:49
M9PFNA	80.3	50-200		10/9/22 15:49
MPFDoA	85.2	50-200		10/9/22 15:49

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-1N-75 | Sampled: 9/8/2022 10:16

Sample ID: 22I0380-06

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.6	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluorobutanesulfonic acid (PFBS)	3.0	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluoropentanoic acid (PFPeA)	10	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluorohexanoic acid (PFHxA)	6.9	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluorohexanesulfonic acid (PFHxS)	5.9	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluoroheptanoic acid (PFHpA)	3.5	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluorooctanoic acid (PFOA)	4.5	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluorooctanesulfonic acid (PFOS)	5.5	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:45	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	103	50-200		10/7/22 12:45
M2-8:2FTS	114	50-200		10/7/22 12:45
MPFBA	96.3	50-200		10/7/22 12:45
M3HFPO-DA	101	50-200		10/7/22 12:45
M6PFDA	82.8	50-200		10/7/22 12:45
M3PFBS	88.7	50-200		10/7/22 12:45
M7PFUnA	78.7	50-200		10/7/22 12:45
M2-6:2FTS	135	50-200		10/7/22 12:45
M5PFPeA	98.6	50-200		10/7/22 12:45
M5PFHxA	81.7	50-200		10/7/22 12:45
M3PFHxS	90.7	50-200		10/7/22 12:45
M4PFHpA	78.2	50-200		10/7/22 12:45
M8PFOA	83.6	50-200		10/7/22 12:45
M8PFOS	97.9	50-200		10/7/22 12:45
M9PFNA	88.9	50-200		10/7/22 12:45
MPFDoA	73.9	50-200		10/7/22 12:45

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-1MID | Sampled: 9/8/2022 10:15

Sample ID: 22I0380-07

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.5	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluorobutanesulfonic acid (PFBS)	2.7	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluoropentanoic acid (PFPeA)	10	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluorohexanoic acid (PFHxA)	6.3	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluorohexanesulfonic acid (PFHxS)	4.8	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	40	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluoroheptanoic acid (PFHpA)	2.9	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluorooctanoic acid (PFOA)	3.7	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluorooctanesulfonic acid (PFOS)	3.9	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 12:52	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	108	50-200		10/7/22 12:52
M2-8:2FTS	128	50-200		10/7/22 12:52
MPFBA	98.2	50-200		10/7/22 12:52
M3HFPO-DA	107	50-200		10/7/22 12:52
M6PFDA	80.9	50-200		10/7/22 12:52
M3PFBS	96.0	50-200		10/7/22 12:52
M7PFUnA	81.2	50-200		10/7/22 12:52
M2-6:2FTS	144	50-200		10/7/22 12:52
M5PFPeA	99.3	50-200		10/7/22 12:52
M5PFHxA	82.1	50-200		10/7/22 12:52
M3PFHxS	96.8	50-200		10/7/22 12:52
M4PFHpA	78.2	50-200		10/7/22 12:52
M8PFOA	82.0	50-200		10/7/22 12:52
M8PFOS	109	50-200		10/7/22 12:52
M9PFNA	84.4	50-200		10/7/22 12:52
MPFDoA	80.8	50-200		10/7/22 12:52

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-1S-25 | Sampled: 9/8/2022 10:18

Sample ID: 22I0380-08

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.2	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluorobutanesulfonic acid (PFBS)	2.2	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluoropentanoic acid (PFPeA)	9.2	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluorohexanoic acid (PFHxA)	5.2	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluorohexanesulfonic acid (PFHxS)	2.5	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluoroheptanoic acid (PFHpA)	2.3	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluorooctanoic acid (PFOA)	2.9	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluorooctanesulfonic acid (PFOS)	1.9	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 12:59	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	111	50-200		10/7/22 12:59
M2-8:2FTS	157	50-200		10/7/22 12:59
MPFBA	91.7	50-200		10/7/22 12:59
M3HFPO-DA	95.9	50-200		10/7/22 12:59
M6PFDA	88.0	50-200		10/7/22 12:59
M3PFBS	93.4	50-200		10/7/22 12:59
M7PFUnA	86.1	50-200		10/7/22 12:59
M2-6:2FTS	165	50-200		10/7/22 12:59
M5PFPeA	88.4	50-200		10/7/22 12:59
M5PFHxA	81.0	50-200		10/7/22 12:59
M3PFHxS	94.6	50-200		10/7/22 12:59
M4PFHpA	76.2	50-200		10/7/22 12:59
M8PFOA	84.8	50-200		10/7/22 12:59
M8PFOS	104	50-200		10/7/22 12:59
M9PFNA	94.5	50-200		10/7/22 12:59
MPFDoA	79.2	50-200		10/7/22 12:59

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-1S-50 | Sampled: 9/8/2022 10:20

Sample ID: 22I0380-09

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.9	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluorobutanesulfonic acid (PFBS)	1.8	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluoropentanoic acid (PFPeA)	8.6	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluorohexanoic acid (PFHxA)	4.4	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluorohexanesulfonic acid (PFHxS)	1.8	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluoroheptanoic acid (PFHpA)	1.8	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluorooctanoic acid (PFOA)	2.1	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:06	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	115	50-200		10/7/22 13:06
M2-8:2FTS	156	50-200		10/7/22 13:06
MPFBA	97.6	50-200		10/7/22 13:06
M3HFPO-DA	98.6	50-200		10/7/22 13:06
M6PFDA	81.4	50-200		10/7/22 13:06
M3PFBS	95.5	50-200		10/7/22 13:06
M7PFUnA	75.0	50-200		10/7/22 13:06
M2-6:2FTS	160	50-200		10/7/22 13:06
M5PFPeA	97.2	50-200		10/7/22 13:06
M5PFHxA	88.1	50-200		10/7/22 13:06
M3PFHxS	96.0	50-200		10/7/22 13:06
M4PFHpA	82.1	50-200		10/7/22 13:06
M8PFOA	87.2	50-200		10/7/22 13:06
M8PFOS	101	50-200		10/7/22 13:06
M9PFNA	90.4	50-200		10/7/22 13:06
MPFDoA	67.1	50-200		10/7/22 13:06

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-1S-75 | Sampled: 9/8/2022 10:21

Sample ID: 22I0380-10

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.0	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluoropentanoic acid (PFPeA)	7.9	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluorohexanoic acid (PFHxA)	3.6	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:14	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	108	50-200		10/7/22 13:14
M2-8:2FTS	127	50-200		10/7/22 13:14
MPFBA	101	50-200		10/7/22 13:14
M3HFPO-DA	109	50-200		10/7/22 13:14
M6PFDA	97.1	50-200		10/7/22 13:14
M3PFBS	99.7	50-200		10/7/22 13:14
M7PFUnA	84.2	50-200		10/7/22 13:14
M2-6:2FTS	140	50-200		10/7/22 13:14
M5PFPeA	97.0	50-200		10/7/22 13:14
M5PFHxA	90.9	50-200		10/7/22 13:14
M3PFHxS	101	50-200		10/7/22 13:14
M4PFHpA	84.2	50-200		10/7/22 13:14
M8PFOA	95.3	50-200		10/7/22 13:14
M8PFOS	109	50-200		10/7/22 13:14
M9PFNA	101	50-200		10/7/22 13:14
MPFDoA	72.6	50-200		10/7/22 13:14

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-1POST | Sampled: 9/8/2022 10:22

Sample ID: 22I0380-11

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.2	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluoropentanoic acid (PFPeA)	8.0	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluorohexanoic acid (PFHxA)	3.9	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 13:21	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	96.9	50-200		10/7/22 13:21
M2-8:2FTS	105	50-200		10/7/22 13:21
MPFBA	93.3	50-200		10/7/22 13:21
M3HFPO-DA	97.7	50-200		10/7/22 13:21
M6PFDA	80.4	50-200		10/7/22 13:21
M3PFBS	92.1	50-200		10/7/22 13:21
M7PFUnA	79.1	50-200		10/7/22 13:21
M2-6:2FTS	127	50-200		10/7/22 13:21
M5PFPeA	89.8	50-200		10/7/22 13:21
M5PFHxA	77.2	50-200		10/7/22 13:21
M3PFHxS	93.2	50-200		10/7/22 13:21
M4PFHpA	75.4	50-200		10/7/22 13:21
M8PFOA	78.3	50-200		10/7/22 13:21
M8PFOS	103	50-200		10/7/22 13:21
M9PFNA	80.8	50-200		10/7/22 13:21
MPFDoA	79.4	50-200		10/7/22 13:21

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-2N-25 | Sampled: 9/8/2022 10:27

Sample ID: 22I0380-12

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.3	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluorobutanesulfonic acid (PFBS)	3.5	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluoropentanoic acid (PFPeA)	11	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluorohexanoic acid (PFHxA)	7.6	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
11Cl-PF3OUdS (F53B Major)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
9Cl-PF3ONS (F53B Minor)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluorodecanoic acid (PFDA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluorododecanoic acid (PFDoA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluorohexanesulfonic acid (PFHxS)	8.1	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluoroundecanoic acid (PFUnA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluoroheptanoic acid (PFHpA)	4.4	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluorooctanoic acid (PFOA)	6.1	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluorooctanesulfonic acid (PFOS)	9.0	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL
Perfluorononanoic acid (PFNA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:28	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	102	50-200		10/7/22 13:28
M2-8:2FTS	117	50-200		10/7/22 13:28
MPFBA	98.0	50-200		10/7/22 13:28
M3HFPO-DA	93.2	50-200		10/7/22 13:28
M6PFDA	83.9	50-200		10/7/22 13:28
M3PFBS	89.4	50-200		10/7/22 13:28
M7PFUnA	83.2	50-200		10/7/22 13:28
M2-6:2FTS	140	50-200		10/7/22 13:28
M5PFPeA	105	50-200		10/7/22 13:28
M5PFHxA	82.4	50-200		10/7/22 13:28
M3PFHxS	95.0	50-200		10/7/22 13:28
M4PFHpA	78.9	50-200		10/7/22 13:28
M8PFOA	84.8	50-200		10/7/22 13:28
M8PFOS	98.2	50-200		10/7/22 13:28
M9PFNA	90.4	50-200		10/7/22 13:28
MPFDoA	72.3	50-200		10/7/22 13:28

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-2N-50 | Sampled: 9/8/2022 10:29

Sample ID: 22I0380-13

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.3	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluorobutanesulfonic acid (PFBS)	3.2	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluoropentanoic acid (PFPeA)	11	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluorohexanoic acid (PFHxA)	7.2	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
11Cl-PF3OUdS (F53B Major)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
9Cl-PF3ONS (F53B Minor)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluorodecanoic acid (PFDA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluorododecanoic acid (PFDoA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluorohexanesulfonic acid (PFHxS)	7.2	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluoroundecanoic acid (PFUnA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluoroheptanoic acid (PFHpA)	3.8	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluorooctanoic acid (PFOA)	5.3	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluorooctanesulfonic acid (PFOS)	7.3	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL
Perfluorononanoic acid (PFNA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 13:35	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	95.8	50-200		10/7/22 13:35
M2-8:2FTS	118	50-200		10/7/22 13:35
MPFBA	98.4	50-200		10/7/22 13:35
M3HFPO-DA	99.1	50-200		10/7/22 13:35
M6PFDA	76.5	50-200		10/7/22 13:35
M3PFBS	90.0	50-200		10/7/22 13:35
M7PFUnA	77.0	50-200		10/7/22 13:35
M2-6:2FTS	184	50-200		10/7/22 13:35
M5PFPeA	104	50-200		10/7/22 13:35
M5PFHxA	80.3	50-200		10/7/22 13:35
M3PFHxS	97.2	50-200		10/7/22 13:35
M4PFHpA	79.6	50-200		10/7/22 13:35
M8PFOA	82.4	50-200		10/7/22 13:35
M8PFOS	101	50-200		10/7/22 13:35
M9PFNA	82.9	50-200		10/7/22 13:35
MPFDoA	78.3	50-200		10/7/22 13:35

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-2N-75 | Sampled: 9/8/2022 10:30

Sample ID: 22I0380-14

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.1	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluorobutanesulfonic acid (PFBS)	2.7	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluoropentanoic acid (PFPeA)	10	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluorohexanoic acid (PFHxA)	6.4	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluorohexanesulfonic acid (PFHxS)	5.6	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluoroheptanoic acid (PFHpA)	3.4	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluorooctanoic acid (PFOA)	4.2	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluorooctanesulfonic acid (PFOS)	5.9	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 13:42	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	100	50-200		10/7/22 13:42
M2-8:2FTS	130	50-200		10/7/22 13:42
MPFBA	93.9	50-200		10/7/22 13:42
M3HFPO-DA	90.3	50-200		10/7/22 13:42
M6PFDA	85.9	50-200		10/7/22 13:42
M3PFBS	88.3	50-200		10/7/22 13:42
M7PFUnA	84.0	50-200		10/7/22 13:42
M2-6:2FTS	145	50-200		10/7/22 13:42
M5PFPeA	99.8	50-200		10/7/22 13:42
M5PFHxA	81.5	50-200		10/7/22 13:42
M3PFHxS	92.1	50-200		10/7/22 13:42
M4PFHpA	80.0	50-200		10/7/22 13:42
M8PFOA	86.6	50-200		10/7/22 13:42
M8PFOS	96.6	50-200		10/7/22 13:42
M9PFNA	90.1	50-200		10/7/22 13:42
MPFDoA	78.0	50-200		10/7/22 13:42

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-2MID | Sampled: 9/8/2022 10:31

Sample ID: 22I0380-15

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.5	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluorobutanesulfonic acid (PFBS)	2.5	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluoropentanoic acid (PFPeA)	9.7	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluorohexanoic acid (PFHxA)	5.9	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluorohexanesulfonic acid (PFHxS)	4.8	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluoroheptanoic acid (PFHpA)	2.7	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluorooctanoic acid (PFOA)	3.5	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluorooctanesulfonic acid (PFOS)	4.2	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:04	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	105	50-200		10/7/22 14:04
M2-8:2FTS	119	50-200		10/7/22 14:04
MPFBA	102	50-200		10/7/22 14:04
M3HFPO-DA	110	50-200		10/7/22 14:04
M6PFDA	93.9	50-200		10/7/22 14:04
M3PFBS	94.0	50-200		10/7/22 14:04
M7PFUnA	89.3	50-200		10/7/22 14:04
M2-6:2FTS	128	50-200		10/7/22 14:04
M5PFPeA	105	50-200		10/7/22 14:04
M5PFHxA	87.8	50-200		10/7/22 14:04
M3PFHxS	95.6	50-200		10/7/22 14:04
M4PFHpA	86.8	50-200		10/7/22 14:04
M8PFOA	91.3	50-200		10/7/22 14:04
M8PFOS	102	50-200		10/7/22 14:04
M9PFNA	96.0	50-200		10/7/22 14:04
MPFDoA	82.7	50-200		10/7/22 14:04

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-2S-25 | Sampled: 9/8/2022 10:34

Sample ID: 22I0380-16

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.3	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluoropentanoic acid (PFPeA)	8.2	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluorohexanoic acid (PFHxA)	4.5	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluorohexanesulfonic acid (PFHxS)	2.2	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluorooctanoic acid (PFOA)	2.2	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:12	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	107	50-200		10/7/22 14:12
M2-8:2FTS	132	50-200		10/7/22 14:12
MPFBA	97.4	50-200		10/7/22 14:12
M3HFPO-DA	97.8	50-200		10/7/22 14:12
M6PFDA	85.7	50-200		10/7/22 14:12
M3PFBS	94.4	50-200		10/7/22 14:12
M7PFUnA	84.2	50-200		10/7/22 14:12
M2-6:2FTS	146	50-200		10/7/22 14:12
M5PFPeA	97.8	50-200		10/7/22 14:12
M5PFHxA	88.5	50-200		10/7/22 14:12
M3PFHxS	99.2	50-200		10/7/22 14:12
M4PFHpA	86.6	50-200		10/7/22 14:12
M8PFOA	92.6	50-200		10/7/22 14:12
M8PFOS	100	50-200		10/7/22 14:12
M9PFNA	98.8	50-200		10/7/22 14:12
MPFDoA	81.0	50-200		10/7/22 14:12

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-2S-50 | Sampled: 9/8/2022 10:37

Sample ID: 22I0380-17

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	5.8	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluoropentanoic acid (PFPeA)	7.8	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluorohexanoic acid (PFHxA)	4.1	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluorooctanoic acid (PFOA)	1.9	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:19	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	126	50-200		10/7/22 14:19
M2-8:2FTS	140	50-200		10/7/22 14:19
MPFBA	111	50-200		10/7/22 14:19
M3HFPO-DA	108	50-200		10/7/22 14:19
M6PFDA	93.2	50-200		10/7/22 14:19
M3PFBS	110	50-200		10/7/22 14:19
M7PFUnA	88.8	50-200		10/7/22 14:19
M2-6:2FTS	166	50-200		10/7/22 14:19
M5PFPeA	112	50-200		10/7/22 14:19
M5PFHxA	101	50-200		10/7/22 14:19
M3PFHxS	111	50-200		10/7/22 14:19
M4PFHpA	98.3	50-200		10/7/22 14:19
M8PFOA	103	50-200		10/7/22 14:19
M8PFOS	113	50-200		10/7/22 14:19
M9PFNA	107	50-200		10/7/22 14:19
MPFDoA	82.0	50-200		10/7/22 14:19

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-2S-75 | Sampled: 9/8/2022 10:40

Sample ID: 22I0380-18

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.1	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluoropentanoic acid (PFPeA)	7.3	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluorohexanoic acid (PFHxA)	3.3	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:26	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	96.7	50-200		10/7/22 14:26
M2-8:2FTS	117	50-200		10/7/22 14:26
MPFBA	91.5	50-200		10/7/22 14:26
M3HFPO-DA	94.7	50-200		10/7/22 14:26
M6PFDA	79.7	50-200		10/7/22 14:26
M3PFBS	90.0	50-200		10/7/22 14:26
M7PFUnA	70.9	50-200		10/7/22 14:26
M2-6:2FTS	165	50-200		10/7/22 14:26
M5PFPeA	90.1	50-200		10/7/22 14:26
M5PFHxA	77.9	50-200		10/7/22 14:26
M3PFHxS	92.5	50-200		10/7/22 14:26
M4PFHpA	75.6	50-200		10/7/22 14:26
M8PFOA	80.4	50-200		10/7/22 14:26
M8PFOS	102	50-200		10/7/22 14:26
M9PFNA	82.0	50-200		10/7/22 14:26
MPFDoA	68.4	50-200		10/7/22 14:26

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-2 POST | Sampled: 9/8/2022 10:42

Sample ID: 22I0380-19

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.1	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluoropentanoic acid (PFPeA)	7.5	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluorohexanoic acid (PFHxA)	3.1	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:33	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	98.0	50-200		10/7/22 14:33
M2-8:2FTS	114	50-200		10/7/22 14:33
MPFBA	96.5	50-200		10/7/22 14:33
M3HFPO-DA	94.0	50-200		10/7/22 14:33
M6PFDA	77.2	50-200		10/7/22 14:33
M3PFBS	94.4	50-200		10/7/22 14:33
M7PFUnA	77.1	50-200		10/7/22 14:33
M2-6:2FTS	165	50-200		10/7/22 14:33
M5PFPeA	94.8	50-200		10/7/22 14:33
M5PFHxA	82.8	50-200		10/7/22 14:33
M3PFHxS	94.9	50-200		10/7/22 14:33
M4PFHpA	81.2	50-200		10/7/22 14:33
M8PFOA	83.4	50-200		10/7/22 14:33
M8PFOS	103	50-200		10/7/22 14:33
M9PFNA	84.2	50-200		10/7/22 14:33
MPFDoA	75.1	50-200		10/7/22 14:33

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-3N-25 | Sampled: 9/8/2022 10:47

Sample ID: 22I0380-20

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.5	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluorobutanesulfonic acid (PFBS)	3.6	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluoropentanoic acid (PFPeA)	11	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluorohexanoic acid (PFHxA)	7.6	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluorohexanesulfonic acid (PFHxS)	7.8	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluoroheptanoic acid (PFHpA)	3.6	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluorooctanoic acid (PFOA)	5.6	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluorooctanesulfonic acid (PFOS)	8.9	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 14:41	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	99.9	50-200		10/7/22 14:41
M2-8:2FTS	114	50-200		10/7/22 14:41
MPFBA	103	50-200		10/7/22 14:41
M3HFPO-DA	111	50-200		10/7/22 14:41
M6PFDA	92.7	50-200		10/7/22 14:41
M3PFBS	95.0	50-200		10/7/22 14:41
M7PFUnA	94.6	50-200		10/7/22 14:41
M2-6:2FTS	136	50-200		10/7/22 14:41
M5PFPeA	107	50-200		10/7/22 14:41
M5PFHxA	88.2	50-200		10/7/22 14:41
M3PFHxS	99.5	50-200		10/7/22 14:41
M4PFHpA	88.0	50-200		10/7/22 14:41
M8PFOA	88.9	50-200		10/7/22 14:41
M8PFOS	104	50-200		10/7/22 14:41
M9PFNA	99.1	50-200		10/7/22 14:41
MPFDoA	86.9	50-200		10/7/22 14:41

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-3N-50 | Sampled: 9/8/2022 10:48

Sample ID: 22I0380-21

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.4	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluorobutanesulfonic acid (PFBS)	3.2	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluoropentanoic acid (PFPeA)	11	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluorohexanoic acid (PFHxA)	7.1	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluorohexanesulfonic acid (PFHxS)	6.6	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluoroheptanoic acid (PFHpA)	3.5	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluorooctanoic acid (PFOA)	5.2	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluorooctanesulfonic acid (PFOS)	7.4	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:48	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	94.2	50-200		10/7/22 14:48
M2-8:2FTS	109	50-200		10/7/22 14:48
MPFBA	98.9	50-200		10/7/22 14:48
M3HFPO-DA	95.4	50-200		10/7/22 14:48
M6PFDA	86.3	50-200		10/7/22 14:48
M3PFBS	89.8	50-200		10/7/22 14:48
M7PFUnA	84.6	50-200		10/7/22 14:48
M2-6:2FTS	130	50-200		10/7/22 14:48
M5PFPeA	105	50-200		10/7/22 14:48
M5PFHxA	83.1	50-200		10/7/22 14:48
M3PFHxS	95.7	50-200		10/7/22 14:48
M4PFHpA	80.6	50-200		10/7/22 14:48
M8PFOA	86.1	50-200		10/7/22 14:48
M8PFOS	103	50-200		10/7/22 14:48
M9PFNA	92.5	50-200		10/7/22 14:48
MPFDoA	77.5	50-200		10/7/22 14:48

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-3N-75 | Sampled: 9/8/2022 10:49

Sample ID: 22I0380-22

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.7	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluorobutanesulfonic acid (PFBS)	2.8	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluoropentanoic acid (PFPeA)	11	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluorohexanoic acid (PFHxA)	6.5	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluorohexanesulfonic acid (PFHxS)	5.5	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluoroheptanoic acid (PFHpA)	3.1	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluorooctanoic acid (PFOA)	4.3	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluorooctanesulfonic acid (PFOS)	5.2	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 14:55	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	84.6	50-200		10/7/22 14:55
M2-8:2FTS	103	50-200		10/7/22 14:55
MPFBA	88.0	50-200		10/7/22 14:55
M3HFPO-DA	101	50-200		10/7/22 14:55
M6PFDA	74.5	50-200		10/7/22 14:55
M3PFBS	78.9	50-200		10/7/22 14:55
M7PFUnA	69.2	50-200		10/7/22 14:55
M2-6:2FTS	131	50-200		10/7/22 14:55
M5PFPeA	91.2	50-200		10/7/22 14:55
M5PFHxA	77.9	50-200		10/7/22 14:55
M3PFHxS	82.5	50-200		10/7/22 14:55
M4PFHpA	75.2	50-200		10/7/22 14:55
M8PFOA	79.5	50-200		10/7/22 14:55
M8PFOS	88.7	50-200		10/7/22 14:55
M9PFNA	80.5	50-200		10/7/22 14:55
MPFDoA	64.3	50-200		10/7/22 14:55

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-3 MID | Sampled: 9/8/2022 10:51

Sample ID: 22I0380-23

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.2	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluorobutanesulfonic acid (PFBS)	2.3	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluoropentanoic acid (PFPeA)	9.7	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluorohexanoic acid (PFHxA)	5.5	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluorohexanesulfonic acid (PFHxS)	4.1	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluoroheptanoic acid (PFHpA)	2.5	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluorooctanoic acid (PFOA)	3.2	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluorooctanesulfonic acid (PFOS)	3.4	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 15:02	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	92.4	50-200		10/7/22 15:02
M2-8:2FTS	101	50-200		10/7/22 15:02
MPFBA	89.2	50-200		10/7/22 15:02
M3HFPO-DA	92.9	50-200		10/7/22 15:02
M6PFDA	73.8	50-200		10/7/22 15:02
M3PFBS	88.1	50-200		10/7/22 15:02
M7PFUnA	69.0	50-200		10/7/22 15:02
M2-6:2FTS	120	50-200		10/7/22 15:02
M5PFPeA	89.3	50-200		10/7/22 15:02
M5PFHxA	73.1	50-200		10/7/22 15:02
M3PFHxS	91.7	50-200		10/7/22 15:02
M4PFHpA	71.0	50-200		10/7/22 15:02
M8PFOA	76.1	50-200		10/7/22 15:02
M8PFOS	91.7	50-200		10/7/22 15:02
M9PFNA	77.9	50-200		10/7/22 15:02
MPFDoA	67.3	50-200		10/7/22 15:02

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-3S-25 | Sampled: 9/8/2022 10:54

Sample ID: 22I0380-24

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.2	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluorobutanesulfonic acid (PFBS)	2.1	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluoropentanoic acid (PFPeA)	9.1	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluorohexanoic acid (PFHxA)	5.1	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluorohexanesulfonic acid (PFHxS)	2.4	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluoroheptanoic acid (PFHpA)	2.1	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluorooctanoic acid (PFOA)	2.6	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 15:09	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	91.2	50-200		10/7/22 15:09
M2-8:2FTS	111	50-200		10/7/22 15:09
MPFBA	86.6	50-200		10/7/22 15:09
M3HFPO-DA	86.4	50-200		10/7/22 15:09
M6PFDA	72.5	50-200		10/7/22 15:09
M3PFBS	85.1	50-200		10/7/22 15:09
M7PFUnA	69.7	50-200		10/7/22 15:09
M2-6:2FTS	135	50-200		10/7/22 15:09
M5PFPeA	85.2	50-200		10/7/22 15:09
M5PFHxA	73.0	50-200		10/7/22 15:09
M3PFHxS	88.7	50-200		10/7/22 15:09
M4PFHpA	73.4	50-200		10/7/22 15:09
M8PFOA	78.9	50-200		10/7/22 15:09
M8PFOS	90.7	50-200		10/7/22 15:09
M9PFNA	82.1	50-200		10/7/22 15:09
MPFDoA	70.1	50-200		10/7/22 15:09

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-3S-50 | Sampled: 9/8/2022 10:56

Sample ID: 22I0380-25

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.5	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluoropentanoic acid (PFPeA)	8.3	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluorohexanoic acid (PFHxA)	4.2	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
11Cl-PF3OUdS (F53B Major)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
9Cl-PF3ONS (F53B Minor)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluorodecanoic acid (PFDA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluorododecanoic acid (PFDoA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluoroundecanoic acid (PFUnA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluoroheptanoic acid (PFHpA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluorooctanoic acid (PFOA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL
Perfluorononanoic acid (PFNA)	ND	2.1		ng/L	1		EPA 533	9/28/22	10/7/22 15:53	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	113	50-200		10/7/22 15:53
M2-8:2FTS	125	50-200		10/7/22 15:53
MPFBA	107	50-200		10/7/22 15:53
M3HFPO-DA	95.7	50-200		10/7/22 15:53
M6PFDA	89.6	50-200		10/7/22 15:53
M3PFBS	106	50-200		10/7/22 15:53
M7PFUnA	87.8	50-200		10/7/22 15:53
M2-6:2FTS	146	50-200		10/7/22 15:53
M5PFPeA	109	50-200		10/7/22 15:53
M5PFHxA	89.9	50-200		10/7/22 15:53
M3PFHxS	109	50-200		10/7/22 15:53
M4PFHpA	84.3	50-200		10/7/22 15:53
M8PFOA	84.6	50-200		10/7/22 15:53
M8PFOS	113	50-200		10/7/22 15:53
M9PFNA	88.0	50-200		10/7/22 15:53
MPFDoA	87.6	50-200		10/7/22 15:53

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-3S-75 | Sampled: 9/8/2022 10:57

Sample ID: 22I0380-26

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	5.6	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluoropentanoic acid (PFPeA)	7.0	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluorohexanoic acid (PFHxA)	2.9	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/28/22	10/7/22 16:00	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	114	50-200		10/7/22 16:00
M2-8:2FTS	145	50-200		10/7/22 16:00
MPFBA	107	50-200		10/7/22 16:00
M3HFPO-DA	111	50-200		10/7/22 16:00
M6PFDA	97.9	50-200		10/7/22 16:00
M3PFBS	103	50-200		10/7/22 16:00
M7PFUnA	101	50-200		10/7/22 16:00
M2-6:2FTS	188	50-200		10/7/22 16:00
M5PFPeA	109	50-200		10/7/22 16:00
M5PFHxA	98.5	50-200		10/7/22 16:00
M3PFHxS	107	50-200		10/7/22 16:00
M4PFHpA	97.6	50-200		10/7/22 16:00
M8PFOA	107	50-200		10/7/22 16:00
M8PFOS	111	50-200		10/7/22 16:00
M9PFNA	110	50-200		10/7/22 16:00
MPFDoA	100	50-200		10/7/22 16:00

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-3 POST | Sampled: 9/8/2022 10:59

Sample ID: 22I0380-27

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	5.2	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluoropentanoic acid (PFPeA)	5.9	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluorohexanoic acid (PFHxA)	2.8	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	3.2	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:07	DRL

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	123		50-200		10/7/22 16:07
M2-8:2FTS	156		50-200		10/7/22 16:07
MPFBA	110		50-200		10/7/22 16:07
M3HFPO-DA	101		50-200		10/7/22 16:07
M6PFDA	84.6		50-200		10/7/22 16:07
M3PFBS	111		50-200		10/7/22 16:07
M7PFUnA	92.4		50-200		10/7/22 16:07
M2-6:2FTS	**219**	*	50-200	Z-01	10/7/22 16:07
M5PFPeA	112		50-200		10/7/22 16:07
M5PFHxA	96.5		50-200		10/7/22 16:07
M3PFHxS	115		50-200		10/7/22 16:07
M4PFHpA	91.9		50-200		10/7/22 16:07
M8PFOA	90.3		50-200		10/7/22 16:07
M8PFOS	111		50-200		10/7/22 16:07
M9PFNA	93.5		50-200		10/7/22 16:07
MPFDoA	95.2		50-200		10/7/22 16:07

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-1 RAW | Sampled: 9/8/2022 11:22

Sample ID: 22I0380-28

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.5	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluorobutanesulfonic acid (PFBS)	3.2	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluoropentanoic acid (PFPeA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluorohexanoic acid (PFHxA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
11Cl-PF3OUdS (F53B Major)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
9Cl-PF3ONS (F53B Minor)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluorodecanoic acid (PFDA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluorododecanoic acid (PFDoA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluorohexanesulfonic acid (PFHxS)	3.1	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluoroundecanoic acid (PFUnA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluoroheptanoic acid (PFHpA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluorooctanoic acid (PFOA)	3.8	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluorooctanesulfonic acid (PFOS)	4.3	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL
Perfluorononanoic acid (PFNA)	ND	2.0		ng/L	1		EPA 533	9/28/22	10/7/22 16:15	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	115	50-200		10/7/22 16:15
M2-8:2FTS	147	50-200		10/7/22 16:15
MPFBA	110	50-200		10/7/22 16:15
M3HFPO-DA	107	50-200		10/7/22 16:15
M6PFDA	80.7	50-200		10/7/22 16:15
M3PFBS	104	50-200		10/7/22 16:15
M7PFUnA	81.3	50-200		10/7/22 16:15
M2-6:2FTS	150	50-200		10/7/22 16:15
M5PFPeA	116	50-200		10/7/22 16:15
M5PFHxA	95.2	50-200		10/7/22 16:15
M3PFHxS	109	50-200		10/7/22 16:15
M4PFHpA	94.2	50-200		10/7/22 16:15
M8PFOA	95.7	50-200		10/7/22 16:15
M8PFOS	112	50-200		10/7/22 16:15
M9PFNA	94.3	50-200		10/7/22 16:15
MPFDoA	85.3	50-200		10/7/22 16:15

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-2 RAW | Sampled: 9/8/2022 11:40

Sample ID: 22I0380-29

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	4.1	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluorobutanesulfonic acid (PFBS)	1.8	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluoropentanoic acid (PFPeA)	3.5	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluorohexanoic acid (PFHxA)	2.4	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluorohexanesulfonic acid (PFHxS)	3.3	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluorooctanoic acid (PFOA)	3.3	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluorooctanesulfonic acid (PFOS)	3.7	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:22	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	104	50-200		10/7/22 16:22
M2-8:2FTS	112	50-200		10/7/22 16:22
MPFBA	101	50-200		10/7/22 16:22
M3HFPO-DA	101	50-200		10/7/22 16:22
M6PFDA	90.3	50-200		10/7/22 16:22
M3PFBS	98.2	50-200		10/7/22 16:22
M7PFUnA	80.2	50-200		10/7/22 16:22
M2-6:2FTS	125	50-200		10/7/22 16:22
M5PFPeA	109	50-200		10/7/22 16:22
M5PFHxA	90.8	50-200		10/7/22 16:22
M3PFHxS	103	50-200		10/7/22 16:22
M4PFHpA	88.8	50-200		10/7/22 16:22
M8PFOA	94.6	50-200		10/7/22 16:22
M8PFOS	108	50-200		10/7/22 16:22
M9PFNA	97.2	50-200		10/7/22 16:22
MPFDoA	92.1	50-200		10/7/22 16:22

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-3 RAW | Sampled: 9/8/2022 11:05

Sample ID: 22I0380-30

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	6.1	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluorobutanesulfonic acid (PFBS)	3.1	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluoropentanoic acid (PFPeA)	10	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluorohexanoic acid (PFHxA)	6.8	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluorohexanesulfonic acid (PFHxS)	8.6	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluoroheptanoic acid (PFHpA)	3.8	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluorooctanoic acid (PFOA)	5.3	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluorooctanesulfonic acid (PFOS)	11	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/28/22	10/7/22 16:29	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	115	50-200		10/7/22 16:29
M2-8:2FTS	132	50-200		10/7/22 16:29
MPFBA	110	50-200		10/7/22 16:29
M3HFPO-DA	121	50-200		10/7/22 16:29
M6PFDA	100	50-200		10/7/22 16:29
M3PFBS	104	50-200		10/7/22 16:29
M7PFUnA	63.5	50-200		10/7/22 16:29
M2-6:2FTS	138	50-200		10/7/22 16:29
M5PFPeA	125	50-200		10/7/22 16:29
M5PFHxA	99.9	50-200		10/7/22 16:29
M3PFHxS	109	50-200		10/7/22 16:29
M4PFHpA	101	50-200		10/7/22 16:29
M8PFOA	106	50-200		10/7/22 16:29
M8PFOS	111	50-200		10/7/22 16:29
M9PFNA	106	50-200		10/7/22 16:29
MPFDoA	93.7	50-200		10/7/22 16:29

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Project Location: New Windsor, NY | Sample Description: | Work Order: 22I0380

Date Received: 9/8/2022

Field Sample #: BH20220908-FRB | Sampled: 9/8/2022 09:55

Sample ID: 22I0380-31

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluoropentanoic acid (PFPeA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/27/22	10/6/22 9:28	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	94.1	50-200		10/6/22 9:28
M2-8:2FTS	122	50-200		10/6/22 9:28
MPFBA	118	50-200		10/6/22 9:28
M3HFPO-DA	137	50-200		10/6/22 9:28
M6PFDA	116	50-200		10/6/22 9:28
M3PFBS	109	50-200		10/6/22 9:28
M7PFUnA	106	50-200		10/6/22 9:28
M2-6:2FTS	124	50-200		10/6/22 9:28
M5PFPeA	103	50-200		10/6/22 9:28
M5PFHxA	110	50-200		10/6/22 9:28
M3PFHxS	113	50-200		10/6/22 9:28
M4PFHpA	107	50-200		10/6/22 9:28
M8PFOA	117	50-200		10/6/22 9:28
M8PFOS	123	50-200		10/6/22 9:28
M9PFNA	122	50-200		10/6/22 9:28
MPFDoA	99.3	50-200		10/6/22 9:28

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Sample Extraction Data

Prep Method: EPA 533-EPA 533

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22I0380-01 [BH20220908PRE-GAC]	B317444	239	1.00	09/27/22
22I0380-02 [BH20220908POST-GAC]	B317444	255	1.00	09/27/22
22I0380-03 [BH20220908POST-GAC DUP]	B317444	244	1.00	09/27/22
22I0380-04 [BH20220908-1N-25]	B317444	254	1.00	09/27/22
22I0380-31 [BH20220908-FRB]	B317444	269	1.00	09/27/22

Prep Method: EPA 533-EPA 533

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22I0380-05 [BH20220908-1N-50]	B317446	270	1.00	09/28/22
22I0380-06 [BH20220908-1N-75]	B317446	264	1.00	09/28/22
22I0380-07 [BH20220908-1MID]	B317446	278	1.00	09/28/22
22I0380-08 [BH20220908-1S-25]	B317446	260	1.00	09/28/22
22I0380-09 [BH20220908-1S-50]	B317446	274	1.00	09/28/22
22I0380-10 [BH20220908-1S-75]	B317446	261	1.00	09/28/22
22I0380-11 [BH20220908-1POST]	B317446	270	1.00	09/28/22
22I0380-12 [BH20220908-2N-25]	B317446	254	1.00	09/28/22
22I0380-13 [BH20220908-2N-50]	B317446	253	1.00	09/28/22
22I0380-14 [BH20220908-2N-75]	B317446	259	1.00	09/28/22
22I0380-15 [BH20220908-2MID]	B317446	265	1.00	09/28/22
22I0380-16 [BH20220908-2S-25]	B317446	263	1.00	09/28/22
22I0380-17 [BH20220908-2S-50]	B317446	263	1.00	09/28/22
22I0380-18 [BH20220908-2S-75]	B317446	270	1.00	09/28/22
22I0380-19 [BH20220908-2 POST]	B317446	272	1.00	09/28/22
22I0380-20 [BH20220908-3N-25]	B317446	262	1.00	09/28/22
22I0380-21 [BH20220908-3N-50]	B317446	272	1.00	09/28/22
22I0380-22 [BH20220908-3N-75]	B317446	272	1.00	09/28/22
22I0380-23 [BH20220908-3 MID]	B317446	278	1.00	09/28/22
22I0380-24 [BH20220908-3S-25]	B317446	265	1.00	09/28/22

Prep Method: EPA 533-EPA 533

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22I0380-25 [BH20220908-3S-50]	B317693	240	1.00	09/28/22
22I0380-26 [BH20220908-3S-75]	B317693	261	1.00	09/28/22
22I0380-27 [BH20220908-3 POST]	B317693	271	1.00	09/28/22
22I0380-28 [BH20220908-1 RAW]	B317693	256	1.00	09/28/22
22I0380-29 [BH20220908-2 RAW]	B317693	283	1.00	09/28/22
22I0380-30 [BH20220908-3 RAW]	B317693	272	1.00	09/28/22

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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 B317444 - EPA 533											
Blank (B317444-BLK1)					Prepared: 09/27/22 Analyzed: 10/06/22						
Perfluorobutanoic acid (PFBA)	ND	1.8		ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.8		ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.8		ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.8		ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L							
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8		ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8		ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8		ng/L							
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L							
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L							
Surrogate: M2-4:2FTS	*33.7*			ng/L	34.2		98.3	50-200			
Surrogate: M2-8:2FTS	*41.2*			ng/L	35.0		117	50-200			
Surrogate: MPFBA	*33.5*			ng/L	36.5		91.9	50-200			
Surrogate: M3HFPO-DA	*43.1*			ng/L	36.5		118	50-200			
Surrogate: M6PFDA	*31.9*			ng/L	36.5		87.4	50-200			
Surrogate: M3PFBS	*31.3*			ng/L	34.0		91.9	50-200			
Surrogate: M7PFUnA	*27.4*			ng/L	36.5		75.1	50-200			
Surrogate: M2-6:2FTS	*40.7*			ng/L	34.7		117	50-200			
Surrogate: M5PFPeA	*31.1*			ng/L	36.5		85.2	50-200			
Surrogate: M5PFHxA	*29.8*			ng/L	36.5		81.6	50-200			
Surrogate: M3PFHxS	*32.5*			ng/L	34.6		93.8	50-200			
Surrogate: M4PFHpA	*29.4*			ng/L	36.5		80.6	50-200			
Surrogate: M8PFOA	*32.1*			ng/L	36.5		88.1	50-200			
Surrogate: M8PFOS	*35.7*			ng/L	35.0		102	50-200			
Surrogate: M9PFNA	*32.5*			ng/L	36.5		89.0	50-200			
Surrogate: MPFDoA	*23.6*			ng/L	36.5		64.7	50-200			
LCS (B317444-BS1)					Prepared: 09/27/22 Analyzed: 10/06/22						
Perfluorobutanoic acid (PFBA)	22.6	1.9		ng/L	18.5		122	70-130			
Perfluorobutanesulfonic acid (PFBS)	19.9	1.9		ng/L	16.4		121	70-130			
Perfluoropentanoic acid (PFPeA)	22.3	1.9		ng/L	18.5		120	70-130			
Perfluorohexanoic acid (PFHxA)	22.2	1.9		ng/L	18.5		120	70-130			
11Cl-PF3OUdS (F53B Major)	16.8	1.9		ng/L	17.5		96.3	70-130			

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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 B317444 - EPA 533												
LCS (B317444-BS1)					Prepared: 09/27/22 Analyzed: 10/06/22							
9Cl-PF3ONS (F53B Minor)	18.0	1.9		ng/L	17.3		104		70-130			
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	19.8	1.9		ng/L	17.5		113		70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	14.6	1.9		ng/L	18.5		78.7		70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	21.3	1.9		ng/L	17.8		120		70-130			
Perfluorodecanoic acid (PFDA)	20.2	1.9		ng/L	18.5		109		70-130			
Perfluorododecanoic acid (PFDoA)	27.0	1.9		ng/L	18.5		**145**	*	70-130			L-01
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	14.9	1.9		ng/L	16.5		90.5		70-130			
Perfluoroheptanesulfonic acid (PFHpS)	20.7	1.9		ng/L	17.7		117		70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	20.5	1.9		ng/L	17.3		118		70-130			
Perfluorohexanesulfonic acid (PFHxS)	21.0	1.9		ng/L	17.0		124		70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	20.6	1.9		ng/L	18.5		111		70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	20.6	1.9		ng/L	18.5		111		70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	18.9	1.9		ng/L	17.6		107		70-130			
Perfluoropetanesulfonic acid (PFPeS)	19.4	1.9		ng/L	17.4		111		70-130			
Perfluoroundecanoic acid (PFUnA)	22.7	1.9		ng/L	18.5		123		70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	23.9	1.9		ng/L	18.5		129		70-130			
Perfluoroheptanoic acid (PFHpA)	24.3	1.9		ng/L	18.5		**131**	*	70-130			L-05
Perfluorooctanoic acid (PFOA)	22.4	1.9		ng/L	18.5		121		70-130			
Perfluorooctanesulfonic acid (PFOS)	20.9	1.9		ng/L	17.2		122		70-130			
Perfluorononanoic acid (PFNA)	21.2	1.9		ng/L	18.5		114		70-130			
Surrogate: M2-4:2FTS	*37.8*			ng/L	34.8		109		50-200			
Surrogate: M2-8:2FTS	*44.9*			ng/L	35.6		126		50-200			
Surrogate: MPFBA	*37.7*			ng/L	37.1		102		50-200			
Surrogate: M3HFPO-DA	*50.8*			ng/L	37.1		137		50-200			
Surrogate: M6PFDA	*36.1*			ng/L	37.1		97.3		50-200			
Surrogate: M3PFBS	*33.6*			ng/L	34.6		97.1		50-200			
Surrogate: M7PFUnA	*33.8*			ng/L	37.1		91.1		50-200			
Surrogate: M2-6:2FTS	*44.7*			ng/L	35.3		127		50-200			
Surrogate: M5PFPeA	*34.3*			ng/L	37.1		92.5		50-200			
Surrogate: M5PFHxA	*36.1*			ng/L	37.1		97.4		50-200			
Surrogate: M3PFHxS	*32.9*			ng/L	35.2		93.5		50-200			
Surrogate: M4PFHpA	*33.8*			ng/L	37.1		91.2		50-200			
Surrogate: M8PFOA	*36.5*			ng/L	37.1		98.4		50-200			
Surrogate: M8PFOS	*35.5*			ng/L	35.6		99.9		50-200			
Surrogate: M9PFNA	*38.6*			ng/L	37.1		104		50-200			
Surrogate: MPFDoA	*29.6*			ng/L	37.1		79.8		50-200			
Matrix Spike (B317444-MS1)		**Source: 22I0380-02**			Prepared: 09/27/22 Analyzed: 10/06/22							
Perfluorobutanoic acid (PFBA)	32.2	2.0		ng/L	19.7	5.99	**133**	*	70-130			MS-12
Perfluorobutanesulfonic acid (PFBS)	23.7	2.0		ng/L	17.4	1.27	129		70-130			
Perfluoropentanoic acid (PFPeA)	32.7	2.0		ng/L	19.7	7.40	129		70-130			
Perfluorohexanoic acid (PFHxA)	28.0	2.0		ng/L	19.7	3.59	124		70-130			
11Cl-PF3OUdS (F53B Major)	17.9	2.0		ng/L	18.5	ND	96.5		70-130			
9Cl-PF3ONS (F53B Minor)	20.3	2.0		ng/L	18.3	ND	111		70-130			
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	20.3	2.0		ng/L	18.5	ND	109		70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	15.7	2.0		ng/L	19.7	ND	79.8		70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	22.9	2.0		ng/L	18.9	ND	121		70-130			

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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 B317444 - EPA 533												
Matrix Spike (B317444-MS1)	**Source: 22I0380-02**				Prepared: 09/27/22 Analyzed: 10/06/22							
Perfluorodecanoic acid (PFDA)	22.0	2.0		ng/L	19.7	ND	112		70-130			
Perfluorododecanoic acid (PFDoA)	28.7	2.0		ng/L	19.7	ND	**146**	*	70-130			MS-12
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	16.8	2.0		ng/L	17.5	ND	96.0		70-130			
Perfluoroheptanesulfonic acid (PFHpS)	22.0	2.0		ng/L	18.8	ND	117		70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	22.4	2.0		ng/L	18.4	ND	122		70-130			
Perfluorohexanesulfonic acid (PFHxS)	25.0	2.0		ng/L	18.0	0.985	**133**	*	70-130			MS-12
Perfluoro-4-oxapentanoic acid (PFMPA)	23.8	2.0		ng/L	19.7	ND	121		70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	22.1	2.0		ng/L	19.7	ND	112		70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	22.0	2.0		ng/L	18.7	ND	118		70-130			
Perfluoropetanesulfonic acid (PFPeS)	21.2	2.0		ng/L	18.5	ND	115		70-130			
Perfluoroundecanoic acid (PFUnA)	24.3	2.0		ng/L	19.7	ND	124		70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	25.7	2.0		ng/L	19.7	ND	**131**	*	70-130			MS-12
Perfluoroheptanoic acid (PFHpA)	27.7	2.0		ng/L	19.7	1.25	**134**	*	70-130			MS-12
Perfluorooctanoic acid (PFOA)	24.6	2.0		ng/L	19.7	1.48	118		70-130			
Perfluorooctanesulfonic acid (PFOS)	24.3	2.0		ng/L	18.2	0.797	129		70-130			
Perfluorononanoic acid (PFNA)	23.6	2.0		ng/L	19.7	ND	120		70-130			
Surrogate: M2-4:2FTS	*30.2*			ng/L	36.9		81.9		50-200			
Surrogate: M2-8:2FTS	*39.9*			ng/L	37.8		105		50-200			
Surrogate: MPFBA	*35.4*			ng/L	39.4		90.0		50-200			
Surrogate: M3HFPO-DA	*44.9*			ng/L	39.4		114		50-200			
Surrogate: M6PFDA	*33.1*			ng/L	39.4		84.1		50-200			
Surrogate: M3PFBS	*32.0*			ng/L	36.7		87.1		50-200			
Surrogate: M7PFUnA	*30.9*			ng/L	39.4		78.5		50-200			
Surrogate: M2-6:2FTS	*39.6*			ng/L	37.4		106		50-200			
Surrogate: M5PFPeA	*35.4*			ng/L	39.4		89.9		50-200			
Surrogate: M5PFHxA	*31.6*			ng/L	39.4		80.4		50-200			
Surrogate: M3PFHxS	*32.2*			ng/L	37.3		86.2		50-200			
Surrogate: M4PFHpA	*30.4*			ng/L	39.4		77.2		50-200			
Surrogate: M8PFOA	*31.8*			ng/L	39.4		80.8		50-200			
Surrogate: M8PFOS	*35.1*			ng/L	37.7		93.1		50-200			
Surrogate: M9PFNA	*34.1*			ng/L	39.4		86.6		50-200			
Surrogate: MPFDoA	*27.4*			ng/L	39.4		69.5		50-200			
Matrix Spike Dup (B317444-MSD1)	**Source: 22I0380-02**				Prepared: 09/27/22 Analyzed: 10/06/22							
Perfluorobutanoic acid (PFBA)	35.1	2.0		ng/L	20.0	5.99	**146**	*	70-130	8.60	30	MS-12
Perfluorobutanesulfonic acid (PFBS)	25.2	2.0		ng/L	17.7	1.27	**135**	*	70-130	5.94	30	MS-22
Perfluoropentanoic acid (PFPeA)	35.2	2.0		ng/L	20.0	7.40	**139**	*	70-130	7.43	30	MS-22
Perfluorohexanoic acid (PFHxA)	30.8	2.0		ng/L	20.0	3.59	**136**	*	70-130	9.62	30	MS-22
11Cl-PF3OUdS (F53B Major)	19.1	2.0		ng/L	18.8	ND	101		70-130	6.31	30	
9Cl-PF3ONS (F53B Minor)	21.3	2.0		ng/L	18.6	ND	114		70-130	4.99	30	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	22.3	2.0		ng/L	18.8	ND	119		70-130	9.79	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	16.6	2.0		ng/L	20.0	ND	82.8		70-130	5.36	30	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	25.5	2.0		ng/L	19.2	ND	**133**	*	70-130	10.7	30	MS-22
Perfluorodecanoic acid (PFDA)	23.4	2.0		ng/L	20.0	ND	117		70-130	6.08	30	
Perfluorododecanoic acid (PFDoA)	29.4	2.0		ng/L	20.0	ND	**147**	*	70-130	2.73	30	MS-12
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	18.5	2.0		ng/L	17.8	ND	104		70-130	9.48	30	
Perfluoroheptanesulfonic acid (PFHpS)	25.1	2.0		ng/L	19.1	ND	**131**	*	70-130	13.1	30	MS-22

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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 B317444 - EPA 533												
Matrix Spike Dup (B317444-MSD1)	**Source: 22I0380-02**				Prepared: 09/27/22 Analyzed: 10/06/22							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	24.1	2.0		ng/L	18.7	ND	129		70-130	7.25	30	
Perfluorohexanesulfonic acid (PFHxS)	25.1	2.0		ng/L	18.3	0.985	**132**	*	70-130	0.333	30	MS-12
Perfluoro-4-oxapentanoic acid (PFMPA)	26.4	2.0		ng/L	20.0	ND	**132**	*	70-130	10.5	30	MS-22
Perfluoro-5-oxahexanoic acid (PFMBA)	24.2	2.0		ng/L	20.0	ND	121		70-130	9.01	30	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	24.6	2.0		ng/L	19.0	ND	129		70-130	11.0	30	
Perfluoropetanesulfonic acid (PFPeS)	22.9	2.0		ng/L	18.8	ND	122		70-130	7.56	30	
Perfluoroundecanoic acid (PFUnA)	27.5	2.0		ng/L	20.0	ND	**137**	*	70-130	12.1	30	MS-22
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	27.8	2.0		ng/L	20.0	ND	**139**	*	70-130	7.92	30	MS-12
Perfluoroheptanoic acid (PFHpA)	30.6	2.0		ng/L	20.0	1.25	**147**	*	70-130	10.0	30	MS-12
Perfluorooctanoic acid (PFOA)	26.2	2.0		ng/L	20.0	1.48	124		70-130	6.15	30	
Perfluorooctanesulfonic acid (PFOS)	26.9	2.0		ng/L	18.5	0.797	**141**	*	70-130	10.3	30	MS-22
Perfluorononanoic acid (PFNA)	26.0	2.0		ng/L	20.0	ND	130		70-130	9.63	30	
Surrogate: M2-4:2FTS	*29.3*			ng/L	37.5		78.2		50-200			
Surrogate: M2-8:2FTS	*39.5*			ng/L	38.4		103		50-200			
Surrogate: MPFBA	*34.6*			ng/L	40.0		86.5		50-200			
Surrogate: M3HFPO-DA	*46.2*			ng/L	40.0		115		50-200			
Surrogate: M6PFDA	*32.7*			ng/L	40.0		81.8		50-200			
Surrogate: M3PFBS	*31.6*			ng/L	37.3		84.7		50-200			
Surrogate: M7PFUnA	*29.1*			ng/L	40.0		72.8		50-200			
Surrogate: M2-6:2FTS	*37.3*			ng/L	38.0		98.2		50-200			
Surrogate: M5PFPeA	*34.8*			ng/L	40.0		87.1		50-200			
Surrogate: M5PFHxA	*31.9*			ng/L	40.0		79.7		50-200			
Surrogate: M3PFHxS	*32.2*			ng/L	37.9		85.0		50-200			
Surrogate: M4PFHpA	*30.0*			ng/L	40.0		75.1		50-200			
Surrogate: M8PFOA	*32.8*			ng/L	40.0		82.1		50-200			
Surrogate: M8PFOS	*34.4*			ng/L	38.4		89.7		50-200			
Surrogate: M9PFNA	*33.5*			ng/L	40.0		83.9		50-200			
Surrogate: MPFDoA	*27.2*			ng/L	40.0		67.9		50-200			
Batch B317446 - EPA 533												
Blank (B317446-BLK1)					Prepared: 09/28/22 Analyzed: 10/07/22							
Perfluorobutanoic acid (PFBA)	ND	1.9		ng/L								
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L								
Perfluoropentanoic acid (PFPeA)	ND	1.9		ng/L								
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L								
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L								
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L								
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L								
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L								
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9		ng/L								
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L								
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L								
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L								
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9		ng/L								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L								

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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 B317446 - EPA 533											
Blank (B317446-BLK1)					Prepared: 09/28/22 Analyzed: 10/07/22						
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9		ng/L							
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L							
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L							
Surrogate: M2-4:2FTS	*45.5*			ng/L	35.6		128	50-200			
Surrogate: M2-8:2FTS	*49.2*			ng/L	36.4		135	50-200			
Surrogate: MPFBA	*40.3*			ng/L	38.0		106	50-200			
Surrogate: M3HFPO-DA	*45.0*			ng/L	38.0		119	50-200			
Surrogate: M6PFDA	*38.2*			ng/L	38.0		101	50-200			
Surrogate: M3PFBS	*33.7*			ng/L	35.4		95.2	50-200			
Surrogate: M7PFUnA	*36.6*			ng/L	38.0		96.3	50-200			
Surrogate: M2-6:2FTS	*54.6*			ng/L	36.1		151	50-200			
Surrogate: M5PFPeA	*35.6*			ng/L	38.0		93.9	50-200			
Surrogate: M5PFHxA	*35.9*			ng/L	38.0		94.6	50-200			
Surrogate: M3PFHxS	*34.8*			ng/L	36.0		96.8	50-200			
Surrogate: M4PFHpA	*34.6*			ng/L	38.0		91.2	50-200			
Surrogate: M8PFOA	*37.2*			ng/L	38.0		98.0	50-200			
Surrogate: M8PFOS	*37.6*			ng/L	36.4		103	50-200			
Surrogate: M9PFNA	*39.7*			ng/L	38.0		104	50-200			
Surrogate: MPFDoA	*33.5*			ng/L	38.0		88.2	50-200			
LCS (B317446-BS1)					Prepared: 09/28/22 Analyzed: 10/07/22						
Perfluorobutanoic acid (PFBA)	1.97	1.9		ng/L	1.89		104	50-150			
Perfluorobutanesulfonic acid (PFBS)	1.89	1.9		ng/L	1.68		113	50-150			
Perfluoropentanoic acid (PFPeA)	2.19	1.9		ng/L	1.89		116	50-150			
Perfluorohexanoic acid (PFHxA)	2.19	1.9		ng/L	1.89		116	50-150			
11Cl-PF3OUdS (F53B Major)	1.68	1.9		ng/L	1.78		94.0	50-150			
9Cl-PF3ONS (F53B Minor)	1.88	1.9		ng/L	1.76		106	50-150			
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	1.95	1.9		ng/L	1.78		109	50-150			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	1.54	1.9		ng/L	1.89		81.5	50-150			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	1.98	1.9		ng/L	1.82		109	50-150			
Perfluorodecanoic acid (PFDA)	2.03	1.9		ng/L	1.89		107	50-150			
Perfluorododecanoic acid (PFDoA)	2.60	1.9		ng/L	1.89		137	50-150			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.49	1.9		ng/L	1.69		88.2	50-150			
Perfluoroheptanesulfonic acid (PFHpS)	1.72	1.9		ng/L	1.81		94.9	50-150			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	1.97	1.9		ng/L	1.77		111	50-150			
Perfluorohexanesulfonic acid (PFHxS)	2.04	1.9		ng/L	1.73		118	50-150			
Perfluoro-4-oxapentanoic acid (PFMPA)	1.96	1.9		ng/L	1.89		104	50-150			
Perfluoro-5-oxahexanoic acid (PFMBA)	2.09	1.9		ng/L	1.89		111	50-150			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	1.78	1.9		ng/L	1.80		98.9	50-150			
Perfluoropetanesulfonic acid (PFPeS)	1.78	1.9		ng/L	1.78		100	50-150			
Perfluoroundecanoic acid (PFUnA)	2.37	1.9		ng/L	1.89		125	50-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.27	1.9		ng/L	1.89		120	50-150			
Perfluoroheptanoic acid (PFHpA)	2.50	1.9		ng/L	1.89		132	50-150			

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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 B317446 - EPA 533											
LCS (B317446-BS1)					Prepared: 09/28/22 Analyzed: 10/07/22						
Perfluorooctanoic acid (PFOA)	2.74	1.9		ng/L	1.89		145	50-150			
Perfluorooctanesulfonic acid (PFOS)	2.16	1.9		ng/L	1.75		123	50-150			
Perfluorononanoic acid (PFNA)	2.14	1.9		ng/L	1.89		113	50-150			
Surrogate: M2-4:2FTS	*44.1*			ng/L	35.5		124	50-200			
Surrogate: M2-8:2FTS	*45.9*			ng/L	36.4		126	50-200			
Surrogate: MPFBA	*36.4*			ng/L	37.9		96.1	50-200			
Surrogate: M3HFPO-DA	*36.4*			ng/L	37.9		96.0	50-200			
Surrogate: M6PFDA	*32.8*			ng/L	37.9		86.6	50-200			
Surrogate: M3PFBS	*30.7*			ng/L	35.3		87.1	50-200			
Surrogate: M7PFUnA	*31.3*			ng/L	37.9		82.7	50-200			
Surrogate: M2-6:2FTS	*55.1*			ng/L	36.0		153	50-200			
Surrogate: M5PFPeA	*32.1*			ng/L	37.9		84.9	50-200			
Surrogate: M5PFHxA	*31.4*			ng/L	37.9		82.8	50-200			
Surrogate: M3PFHxS	*31.6*			ng/L	35.9		87.9	50-200			
Surrogate: M4PFHpA	*30.0*			ng/L	37.9		79.2	50-200			
Surrogate: M8PFOA	*32.6*			ng/L	37.9		86.1	50-200			
Surrogate: M8PFOS	*35.1*			ng/L	36.3		96.6	50-200			
Surrogate: M9PFNA	*35.5*			ng/L	37.9		93.7	50-200			
Surrogate: MPFDoA	*29.8*			ng/L	37.9		78.6	50-200			
LCS Dup (B317446-BSD1)					Prepared: 09/28/22 Analyzed: 10/07/22						
Perfluorobutanoic acid (PFBA)	2.02	1.9		ng/L	1.86		108	50-150	2.57	50	
Perfluorobutanesulfonic acid (PFBS)	1.92	1.9		ng/L	1.65		117	50-150	1.54	50	
Perfluoropentanoic acid (PFPeA)	2.15	1.9		ng/L	1.86		115	50-150	1.91	50	
Perfluorohexanoic acid (PFHxA)	2.15	1.9		ng/L	1.86		116	50-150	1.55	50	
11Cl-PF3OUdS (F53B Major)	1.55	1.9		ng/L	1.76		88.3	50-150	7.84	50	
9Cl-PF3ONS (F53B Minor)	1.75	1.9		ng/L	1.74		101	50-150	7.00	50	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	1.87	1.9		ng/L	1.76		107	50-150	4.10	50	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	1.19	1.9		ng/L	1.86		63.9	50-150	25.8	50	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	1.89	1.9		ng/L	1.79		106	50-150	4.60	50	
Perfluorodecanoic acid (PFDA)	1.90	1.9		ng/L	1.86		102	50-150	6.77	50	
Perfluorododecanoic acid (PFDoA)	2.49	1.9		ng/L	1.86		133	50-150	4.53	50	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.44	1.9		ng/L	1.66		86.8	50-150	3.21	50	
Perfluoroheptanesulfonic acid (PFHpS)	1.95	1.9		ng/L	1.78		110	50-150	13.0	50	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	1.88	1.9		ng/L	1.74		108	50-150	4.55	50	
Perfluorohexanesulfonic acid (PFHxS)	1.94	1.9		ng/L	1.71		114	50-150	5.28	50	
Perfluoro-4-oxapentanoic acid (PFMPA)	1.93	1.9		ng/L	1.86		103	50-150	1.91	50	
Perfluoro-5-oxahexanoic acid (PFMBA)	2.04	1.9		ng/L	1.86		109	50-150	2.63	50	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	1.94	1.9		ng/L	1.77		110	50-150	8.78	50	
Perfluoropetanesulfonic acid (PFPeS)	1.77	1.9		ng/L	1.75		101	50-150	1.01	50	
Perfluoroundecanoic acid (PFUnA)	2.21	1.9		ng/L	1.86		119	50-150	7.04	50	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.24	1.9		ng/L	1.86		120	50-150	1.14	50	
Perfluoroheptanoic acid (PFHpA)	2.58	1.9		ng/L	1.86		138	50-150	3.07	50	
Perfluorooctanoic acid (PFOA)	2.60	1.9		ng/L	1.86		140	50-150	5.11	50	
Perfluorooctanesulfonic acid (PFOS)	1.86	1.9		ng/L	1.72		108	50-150	14.7	50	
Perfluorononanoic acid (PFNA)	2.00	1.9		ng/L	1.86		107	50-150	7.13	50	
Surrogate: M2-4:2FTS	*46.7*			ng/L	35.0		134	50-200			
Surrogate: M2-8:2FTS	*50.1*			ng/L	35.8		140	50-200			

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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 B317446 - EPA 533											
LCS Dup (B317446-BSD1)					Prepared: 09/28/22 Analyzed: 10/07/22						
Surrogate: MPFBA	*38.9*			ng/L	37.3		104	50-200			
Surrogate: M3HFPO-DA	*38.8*			ng/L	37.3		104	50-200			
Surrogate: M6PFDA	*36.1*			ng/L	37.3		96.7	50-200			
Surrogate: M3PFBS	*33.0*			ng/L	34.7		95.0	50-200			
Surrogate: M7PFUnA	*35.4*			ng/L	37.3		95.0	50-200			
Surrogate: M2-6:2FTS	*58.2*			ng/L	35.4		164	50-200			
Surrogate: M5PFPeA	*33.7*			ng/L	37.3		90.5	50-200			
Surrogate: M5PFHxA	*34.4*			ng/L	37.3		92.2	50-200			
Surrogate: M3PFHxS	*35.3*			ng/L	35.3		100	50-200			
Surrogate: M4PFHpA	*33.0*			ng/L	37.3		88.5	50-200			
Surrogate: M8PFOA	*37.4*			ng/L	37.3		100	50-200			
Surrogate: M8PFOS	*38.1*			ng/L	35.7		107	50-200			
Surrogate: M9PFNA	*39.5*			ng/L	37.3		106	50-200			
Surrogate: MPFDoA	*32.0*			ng/L	37.3		85.9	50-200			
Batch B317693 - EPA 533											
Blank (B317693-BLK1)					Prepared: 09/28/22 Analyzed: 10/07/22						
Perfluorobutanoic acid (PFBA)	ND	1.9		ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.9		ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L							
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9		ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9		ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9		ng/L							
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L							
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L							
Surrogate: M2-4:2FTS	*47.6*			ng/L	35.3		135	50-200			
Surrogate: M2-8:2FTS	*50.3*			ng/L	36.1		139	50-200			
Surrogate: MPFBA	*44.0*			ng/L	37.6		117	50-200			
Surrogate: M3HFPO-DA	*44.3*			ng/L	37.6		118	50-200			
Surrogate: M6PFDA	*40.9*			ng/L	37.6		109	50-200			

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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 B317693 - EPA 533											
Blank (B317693-BLK1)					Prepared: 09/28/22 Analyzed: 10/07/22						
Surrogate: M3PFBS	*39.2*			ng/L	35.1		112	50-200			
Surrogate: M7PFUnA	*41.4*			ng/L	37.6		110	50-200			
Surrogate: M2-6:2FTS	*55.8*			ng/L	35.8		156	50-200			
Surrogate: M5PFPeA	*41.6*			ng/L	37.6		111	50-200			
Surrogate: M5PFHxA	*38.8*			ng/L	37.6		103	50-200			
Surrogate: M3PFHxS	*40.3*			ng/L	35.7		113	50-200			
Surrogate: M4PFHpA	*38.6*			ng/L	37.6		103	50-200			
Surrogate: M8PFOA	*40.1*			ng/L	37.6		107	50-200			
Surrogate: M8PFOS	*43.4*			ng/L	36.1		120	50-200			
Surrogate: M9PFNA	*40.7*			ng/L	37.6		108	50-200			
Surrogate: MPFDoA	*39.1*			ng/L	37.6		104	50-200			
LCS (B317693-BS1)					Prepared: 09/28/22 Analyzed: 10/07/22						
Perfluorobutanoic acid (PFBA)	10.6	1.9		ng/L	9.42		113	70-130			
Perfluorobutanesulfonic acid (PFBS)	9.36	1.9		ng/L	8.34		112	70-130			
Perfluoropentanoic acid (PFPeA)	10.3	1.9		ng/L	9.42		109	70-130			
Perfluorohexanoic acid (PFHxA)	9.97	1.9		ng/L	9.42		106	70-130			
11Cl-PF3OUdS (F53B Major)	9.52	1.9		ng/L	8.88		107	70-130			
9Cl-PF3ONS (F53B Minor)	9.13	1.9		ng/L	8.78		104	70-130			
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	8.78	1.9		ng/L	8.88		98.9	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	6.74	1.9		ng/L	9.42		71.5	70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	9.70	1.9		ng/L	9.05		107	70-130			
Perfluorodecanoic acid (PFDA)	9.76	1.9		ng/L	9.42		104	70-130			
Perfluorododecanoic acid (PFDoA)	11.8	1.9		ng/L	9.42		125	70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.59	1.9		ng/L	8.39		90.4	70-130			
Perfluoroheptanesulfonic acid (PFHpS)	9.26	1.9		ng/L	9.00		103	70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	9.21	1.9		ng/L	8.81		105	70-130			
Perfluorohexanesulfonic acid (PFHxS)	10.0	1.9		ng/L	8.62		116	70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	10.1	1.9		ng/L	9.42		108	70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.0	1.9		ng/L	9.42		116	70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	9.20	1.9		ng/L	8.95		103	70-130			
Perfluoropetanesulfonic acid (PFPeS)	9.29	1.9		ng/L	8.86		105	70-130			
Perfluoroundecanoic acid (PFUnA)	10.7	1.9		ng/L	9.42		114	70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	9.54	1.9		ng/L	9.42		101	70-130			
Perfluoroheptanoic acid (PFHpA)	10.9	1.9		ng/L	9.42		115	70-130			
Perfluorooctanoic acid (PFOA)	11.1	1.9		ng/L	9.42		118	70-130			
Perfluorooctanesulfonic acid (PFOS)	10.1	1.9		ng/L	8.72		116	70-130			
Perfluorononanoic acid (PFNA)	10.3	1.9		ng/L	9.42		109	70-130			
Surrogate: M2-4:2FTS	*48.1*			ng/L	35.4		136	50-200			
Surrogate: M2-8:2FTS	*47.7*			ng/L	36.2		132	50-200			
Surrogate: MPFBA	*42.0*			ng/L	37.7		111	50-200			
Surrogate: M3HFPO-DA	*45.4*			ng/L	37.7		120	50-200			
Surrogate: M6PFDA	*39.4*			ng/L	37.7		104	50-200			
Surrogate: M3PFBS	*39.8*			ng/L	35.1		113	50-200			
Surrogate: M7PFUnA	*41.4*			ng/L	37.7		110	50-200			
Surrogate: M2-6:2FTS	*54.6*			ng/L	35.9		152	50-200			
Surrogate: M5PFPeA	*40.3*			ng/L	37.7		107	50-200			
Surrogate: M5PFHxA	*39.2*			ng/L	37.7		104	50-200			

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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 B317693 - EPA 533											
LCS (B317693-BS1)					Prepared: 09/28/22 Analyzed: 10/07/22						
Surrogate: M3PFHxS	*41.9*			ng/L	35.7		117	50-200			
Surrogate: M4PFHpA	*39.4*			ng/L	37.7		105	50-200			
Surrogate: M8PFOA	*40.5*			ng/L	37.7		107	50-200			
Surrogate: M8PFOS	*42.8*			ng/L	36.2		118	50-200			
Surrogate: M9PFNA	*42.8*			ng/L	37.7		113	50-200			
Surrogate: MPFDoA	*39.3*			ng/L	37.7		104	50-200			
LCS Dup (B317693-BSD1)					Prepared: 09/28/22 Analyzed: 10/07/22						
Perfluorobutanoic acid (PFBA)	11.4	2.0		ng/L	9.82		116	70-130	7.44	30	
Perfluorobutanesulfonic acid (PFBS)	9.79	2.0		ng/L	8.69		113	70-130	4.48	30	
Perfluoropentanoic acid (PFPeA)	10.7	2.0		ng/L	9.82		109	70-130	3.94	30	
Perfluorohexanoic acid (PFHxA)	10.8	2.0		ng/L	9.82		110	70-130	7.89	30	
11Cl-PF3OUdS (F53B Major)	8.97	2.0		ng/L	9.25		97.0	70-130	5.89	30	
9Cl-PF3ONS (F53B Minor)	9.09	2.0		ng/L	9.15		99.3	70-130	0.484	30	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	9.50	2.0		ng/L	9.25		103	70-130	7.83	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	7.18	2.0		ng/L	9.82		73.2	70-130	6.30	30	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	10.9	2.0		ng/L	9.42		115	70-130	11.3	30	
Perfluorodecanoic acid (PFDA)	9.80	2.0		ng/L	9.82		99.8	70-130	0.399	30	
Perfluorododecanoic acid (PFDoA)	11.4	2.0		ng/L	9.82		116	70-130	3.19	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.74	2.0		ng/L	8.74		88.6	70-130	2.02	30	
Perfluoroheptanesulfonic acid (PFHpS)	8.64	2.0		ng/L	9.37		92.2	70-130	6.95	30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	9.71	2.0		ng/L	9.18		106	70-130	5.19	30	
Perfluorohexanesulfonic acid (PFHxS)	10.2	2.0		ng/L	8.98		113	70-130	1.85	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	10.7	2.0		ng/L	9.82		109	70-130	5.33	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	11.2	2.0		ng/L	9.82		114	70-130	2.25	30	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	9.23	2.0		ng/L	9.33		98.9	70-130	0.245	30	
Perfluoropetanesulfonic acid (PFPeS)	9.24	2.0		ng/L	9.23		100	70-130	0.554	30	
Perfluoroundecanoic acid (PFUnA)	11.3	2.0		ng/L	9.82		115	70-130	5.29	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	10.1	2.0		ng/L	9.82		103	70-130	5.59	30	
Perfluoroheptanoic acid (PFHpA)	11.3	2.0		ng/L	9.82		115	70-130	3.79	30	
Perfluorooctanoic acid (PFOA)	11.5	2.0		ng/L	9.82		117	70-130	3.47	30	
Perfluorooctanesulfonic acid (PFOS)	10.6	2.0		ng/L	9.08		117	70-130	5.01	30	
Perfluorononanoic acid (PFNA)	11.6	2.0		ng/L	9.82		118	70-130	11.6	30	
Surrogate: M2-4:2FTS	*43.6*			ng/L	36.8		118	50-200			
Surrogate: M2-8:2FTS	*44.2*			ng/L	37.7		117	50-200			
Surrogate: MPFBA	*43.1*			ng/L	39.3		110	50-200			
Surrogate: M3HFPO-DA	*44.5*			ng/L	39.3		113	50-200			
Surrogate: M6PFDA	*40.2*			ng/L	39.3		102	50-200			
Surrogate: M3PFBS	*38.3*			ng/L	36.6		105	50-200			
Surrogate: M7PFUnA	*42.1*			ng/L	39.3		107	50-200			
Surrogate: M2-6:2FTS	*52.9*			ng/L	37.3		142	50-200			
Surrogate: M5PFPeA	*41.2*			ng/L	39.3		105	50-200			
Surrogate: M5PFHxA	*39.3*			ng/L	39.3		100	50-200			
Surrogate: M3PFHxS	*40.1*			ng/L	37.2		108	50-200			
Surrogate: M4PFHpA	*39.9*			ng/L	39.3		102	50-200			
Surrogate: M8PFOA	*41.6*			ng/L	39.3		106	50-200			
Surrogate: M8PFOS	*42.3*			ng/L	37.7		112	50-200			
Surrogate: M9PFNA	*42.3*			ng/L	39.3		108	50-200			

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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 B317693 - EPA 533											
LCS Dup (B317693-BSD1)					Prepared: 09/28/22 Analyzed: 10/07/22						
Surrogate: MPFDoA	*42.0*			ng/L	39.3		107	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.
L-01	Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-05	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
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.
S-29	Extracted Internal Standard is outside of control limits.
Z-01	Extracted internal standard outside of control limits. Sample not re-extracted past hold per method criteria.

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CERTIFICATIONS

Certified Analyses included in this Report

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

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Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO 17025:2017	100033	03/1/2024
MA	Massachusetts DEP	M-MA100	06/30/2023
CT	Connecticut Department of Public Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2023
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2023
RI	Rhode Island Department of Health	LAO00373	12/30/2022
NC	North Carolina Div. of Water Quality	652	12/31/2022
NJ	New Jersey DEP	MA007 NELAP	06/30/2023
FL	Florida Department of Health	E871027 NELAP	06/30/2023
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2023
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2023
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2022
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2023
NC-DW	North Carolina Department of Health and Human Services	25703	07/31/2023
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2023
MI	Dept. of Env, Great Lakes, and Energy	9100	06/30/2023
NB-CT	Connecticut Department of Public Health	PH-0554	09/30/2023
NB-NJ	New Jersey DEP	NY015 NELAP	06/30/2023
NB-NY	New York State Department of Health	10142 NELAP	04/1/2023

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Company Name:	NYSDEC/Arcadis
Address:	625 Broadway 12th floor, Albany, NY 12233
Phone:	(518) 402-9813
Project Name:	Stewart ANG-Butterhill
Project Location:	New Windsor, NY
Project Number:	30058345
Project Manager:	David Chiusano, NYSDEC
Pace Analytical Quote Name/Number	Callout ID: 141586
Invoice Recipient:	David Chiusano
Sampled By:	Meghan Fitzgerald / Tony Dariano

Requested Turnaround Time
7-Day ☐ 10-Day ☑
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: David.Chiusano@
Fax To #: DEC.NY.GOV

ANALYSIS REQUESTED

EPA 533

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	[2]Preservation Code	[3]Container Code	# of Containers
1	BH20220908 PRE-GAC	9/8/22	0949		✓	DW	P	2	P	1
2	BH20220908 POST-GAC		0951		✓	DW	P	2		
3	BH20220908 POST-GACDUP		0952		✓	DW	P	2		
24	BH20220908POST-GACMS/MSD		0954		✓	DW	P	6		
45	BH20220908-IN-25		1012		✓	DW	P	2		
50	BH20220908-IN-50		1014		✓	DW	P	2		
67	BH20220908-IN-75		1016		✓	DW	P	2		
78	BH20220908-IMID		1015		✓	DW	P	2		
89	BH20220908-15-25		1018		✓	DW	P	2		
9	BH20220908-15-50		1020		✓	DW	P	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:**
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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 email 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)	Meg Fitzgerald	Date/Time: 9/8 1430
Received by: (signature)	GACE	Date/Time: 9-8-22/1430
Relinquished by: (signature)	GACE	Date/Time: 9-8-22/1530
Received by: (signature)	15:35	Date/Time: 9-8-22
Relinquished by: (signature)	16:50	Date/Time: 9-8-22
Received by: (signature)	9.8 1650	Date/Time: 9/8

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:

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

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

ELAC and AIHA-LAP, LLC Accredited

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Doc # 380 Rev 1_03242017

22I0386

CHAIN OF CUSTODY RECORD (New York)

1800 Elm Street SE
Minneapolis, MN 55414

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

Company Name:	NYSDEC/Arcadis
Address:	625 Broadway 12th floor Albany, NY 12233
Phone:	(518) 402-9813
Project Name:	Stewart ANG - Butterhill
Project Location:	New Windsor, NY
Project Number:	30058345
Project Manager:	David Chiusano
Pace Analytical Quote Name/Number:	Callout ID: 141586
Invoice Recipient:	David Chiusano
Sampled By:	Meghan Fitzgerald / Tony Dariano

Requested Turnaround Time
7-Day ☐ 10-Day ☑
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: David.Chiusano@
Fax To #: DEC.NY.GOV

ANALYSIS REQUESTED

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	20	1	P	EPA 533	# of Containers	[2] Preservation Code	[3] Container Code
10	BH20220908-19-75	9/8/22	1021		✓	DW		2						
11	BH20220908-1POST		1022		✓	DW		2						
12	BH20220908-2N-25		1027		✓	DW		2						
13	BH20220908-2N-50		1029		✓	DW		2						
14	BH20220908-2N-75		1030		✓	DW		2						
15	BH20220908-2MID		1031		✓	DW		2						
16	BH20220908-2S-25		1034		✓	DW		2						
17	BH20220908-2S-50		1037		✓	DW		2						
18	BH20220908-2S-75		1040		✓	DW		2						
19	BH20220908-2POST	↓	1042		✓	DW		2						

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☐ Lab to Filter

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	Date/Time:
Relinquished by: (signature) Meg Fitzgerald	9/8 1430
Received by: (signature) pace	9-8-22/1530
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Received by: (signature) 9/8 1650	9/8

Program & Regulatory Information
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Other:
NELAC and AIHA-LAP, LLC Accredited

Project Entity
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22I0380

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Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: David.Chiusano@
Fax To #: DEC.NY.GOV

ANALYSIS REQUESTED

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	EPA 533	20	1	P
20	BH20220908-3N-25	9/8/22	1047		✓	DW		2			
21	BH20220908-3N-50		1048		✓	DW		2			
22	BH20220908-3N-75		1049		✓	DW		2			
23	BH20220908-3MID		1051		✓	DW		2			
24	BH20220908-3S-25		1054		✓	DW		2			
25	BH20220908-3S-50		1056		✓	DW		2			
26	BH20220908-3S-75		1057		✓	DW		2			
27	BH20220908-3POST		1059		✓	DW		2			
28	BH20220908-1RAW		1122		✓	DW		2			
29	BH20220908-2RAW		1140		✓	DW		2			

# of Containers
[2] Preservation Code
[3] Container Code

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☐ Lab to Filter

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☐ Field Filtered
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Received by: (signature)	9.8.22 1430
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30	BH20220908-3RAW	9/8/22	1105		✓	DW		2	3	1	P
31	BH20220908-FRB	↓	0955		✓	DW		1			

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☐ Non Soxhlet

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.pacelabs.com

Pace PEOPLE ADVANCING SCIENCE
Doc# 277 Rev 6 July 2022

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

Client: NYSDEC / Arcadis
Received By: [illegible] Date: 09/08/22 Time: 1650

How were the samples received? In Cooler: T No Cooler: ___ On Ice: T No Ice: ___
Direct From Sample: ___ Ambient: ___ Melted Ice: ___

Were samples within Tempurature? Within 2-6°C: T By Gun #: 5 Actual Temp - 2.8
By Blank #: ___ Actual Temp - ___

Was Custody Seal In tact? N/A Were Samples Tampered with? N/A
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client? T Analysis? T Sampler Name? T
Project? T ID's? T Collection Dates/Times? T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? ___
Are there Rushes? F Who was notified? ___
Are there Short Holds? F Who was notified? ___
Samples are received within holding time? T Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? T
Proper Media/Containers Used? T splitting samples require(F
Were trip blanks receive F On COC? F
Do All Samples Have the proper pH? Acid N/A Base N/A

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic	67	4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments: