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 Sample Results
Kroll Well, New Windsor (T), Orange County

Dear Supervisor George Meyers:

The New York State Department of Environmental Conservation (DEC) is providing you with a copy of analytical results derived from the August 29, 2022 sampling of the granular activated carbon (GAC) water treatment system by DEC representatives that was installed on the Town of New Windsor (Town) Kroll Well located at 354 Mount Airy Road.

No PFOS or PFOA was detected in the Kroll Well GAC-treated water. The NYS maximum contaminant levels (MCLs) are 10 ppt for PFOS and 10 ppt for PFOA.

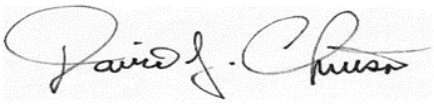
Specifically, the samples were analyzed for a total of twenty-five per- and polyfluoroalkyl substances (PFAS), including Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS). Data received for the 25 PFAS list analysis has been attached. During this event, sampling for the 25 PFAS list was conducted at 9 locations:

- pre-treatment (raw untreated water), which has a “RAW WATER” identifier in the Client Sample ID;
- 25 % treatment – lead tank (A-25 identifier);
- 50 % treatment – lead tank (A-50 identifier);
- 75 % treatment – lead tank (A-75 identifier);
- mid-treatment (after the first GAC canister and prior to the second GAC canister), which has a “MID POINT” identifier in the Client Sample ID;
- 25 % treatment – lag tank (B-25 identifier);
- 50 % treatment – lag tank (B-50 identifier);
- 75 % treatment – lag tank (B-75 identifier); and
- post-treatment (after the entire treatment system), which has a “EFFLUENT” identifier in the Client Sample ID.

The 9 locations sampled (and their associated identifiers) are depicted in Figure 1. Please note that the next 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 Jim Hayward, EA Science and Technology (DEC's Project Engineer) at (315) 431-4610 (ext.1857) or jhayward@eaest.com . For weekday or off hour / weekend emergency repair issues, please call DEC's contractor, Brian Neumann of Precision Environmental Services at (518) 441-1520 (cell). For questions regarding site-related health concerns, please contact Steve Gagnon of the Orange County DOH at (845) 291-2331 or Steve Gladding of the NYSDOH Bureau of Water Supply Protection at (518) 402-7688.

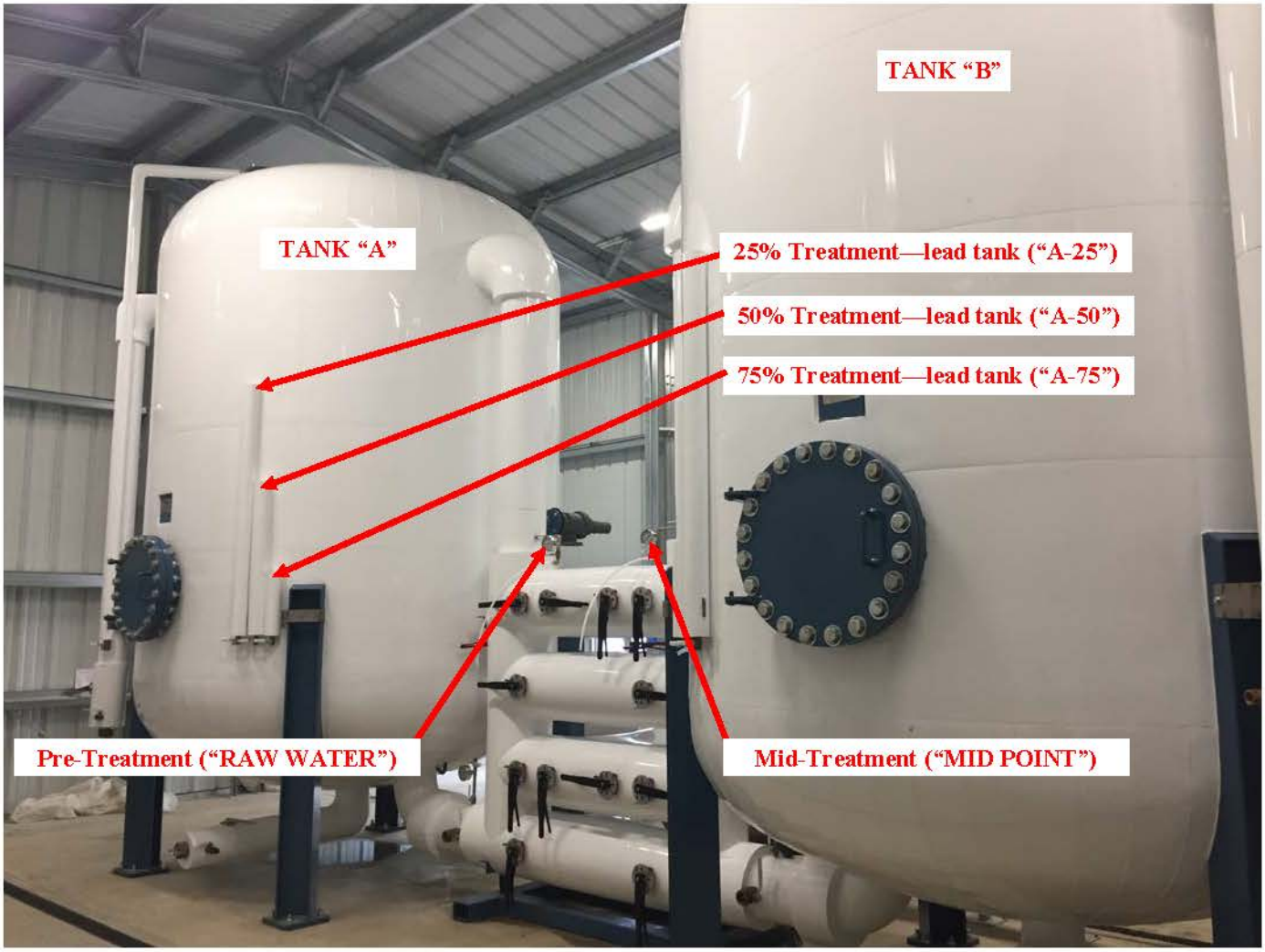
Sincerely,



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. Marina, Town of New Windsor
J. Egitto, Town of New Windsor
K. Rea, Town of New Windsor
J. Conrad, PVE LLC
C. Brown, PVE LLC
M. Weeks, MHE
S. Gladding, NYSDOH
S. Gagnon, OCDOH
M. Andersen, OCDOH
J. Hayward, EA Engineering
B. Neumann, PES
M. Cruden, NYSDEC
B. Rung, NYSDEC
D. Bendell, Region 3 RHWRE



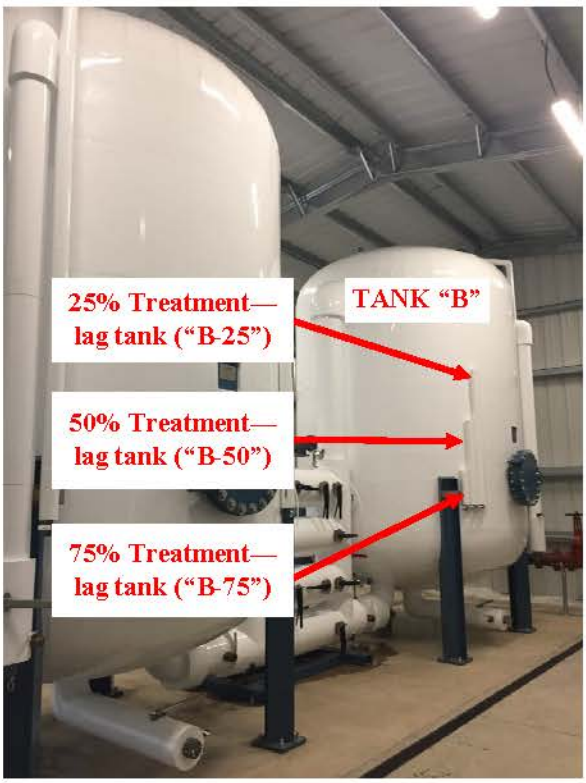


Figure 1—Kroll Well GAC Treatment System Sampling Locations

Town of New Windsor

Kroll Well GAC Operation and Maintenance PFOA and PFOS Sampling Results ** (Parts Per Trillion (PPT))

(Last updated: August 2022)

Date	Analyte	Result [1] Raw Water	Result A25	Result[2] A50	Result A75	Result Mid-Point	Result B25	Result B50	Result B75	Treated Effluent	USEPA Drinking Water Health Advisory Guidance Value	Proposed NYS MCLs
September 2019 (Based on 21 PFAS Analysis Data only)	PFOA	8.4	ND	6.1	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	14	ND	7.8	ND	ND	ND	ND	ND	ND	70[4]	10[5]
October 2019 (Based on 21 PFAS Analysis Data only)	PFOA	7.9	6.5	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	13	8.7	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
November 2019 (Based on 21 PFAS Analysis Data only)	PFOA	12	10	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	10	8.4	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
December 2019 (Based on 21 PFAS Analysis Data only)	PFOA	12	10	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	10	8.7	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
January 2020 (Based on 21 PFAS Analysis Data only)	PFOA	11	10	2.2	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	10	8.7	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
February 2020 (Based on 21 PFAS Analysis Data only)	PFOA	11	9.9	3.3	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	9.7	8.4	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]

Notes:

** 21 PFAS List Analysis.

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. MCL (Maximum Contaminant Level, mg/l) is the maximum permissible level of a contaminant in water delivered by a public water system.
4. Guidance: USEPA Drinking Water Health Advisory guidance value is currently 70 ppt.
5. The proposed NYS maximum contaminant levels (MCLs) are 10 ppt for PFOS and 10 ppt for PFOA.

Town of New Windsor

Kroll Well GAC Operation and Maintenance PFOA and PFOS Sampling Results ** (Parts Per Trillion (PPT)) Continued

(Last updated: August 2022)

Date	Analyte	Result [1] Raw Water	Result A25	Result[2] A50	Result A75	Result Mid-Point	Result B25	Result B50	Result B75	Treated Effluent	USEPA Drinking Water Health Advisory Guidance Value	NYS MCLs
March 2020 (Based on 21 PFAS Analysis Data only)	PFOA	9.3	9.2	4.2	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	9.6	11	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
April 2020 (Based on 21 PFAS Analysis Data only)	PFOA	8.7	8.4	4.3	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	8.9	7.7	1.9	ND	ND	ND	ND	ND	ND	70[4]	10[5]
May 2020 (Based on 21 PFAS Analysis Data only)	PFOA	ND	7.9	4.8	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	11.0	7.7	2.0	ND	ND	ND	ND	ND	ND	70[4]	10[5]
August 2020 (Based on 21 PFAS Analysis Data only)	PFOA	9.4	9.2	6.8	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	11.0	11.0	4.5	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	GAC CHANGE COMPLETED BY NYSDEC IN NOVEMBER 2020											
February 2021 (Based on 21 PFAS Analysis Data only)	PFOA	7.5	ND	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	6.7	ND	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
May 2021 (Based on 21 PFAS Analysis Data only)	PFOA	9.1	5.7	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	7.4	2.6	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]

Notes:

** 21 PFAS List Analysis.

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. MCL (Maximum Contaminant Level, mg/l) is the maximum permissible level of a contaminant in water delivered by a public water system.
4. Guidance: USEPA Drinking Water Health Advisory guidance value is 70 ppt.
5. Effective August 2020 the NYS maximum contaminant levels (MCLs) are 10 ppt for PFOS and 10 ppt for PFOA.

Town of New Windsor

Kroll Well GAC Operation and Maintenance PFOA and PFOS Sampling Results *** (Parts Per Trillion (PPT)) Continued

(Last updated: August 2022)

Date	Analyte	Result [1] Raw Water	Result A25	Result[2] A50	Result A75	Result Mid-Point	Result B25	Result B50	Result B75	Treated Effluent	USEPA Drinking Water Health Advisory Guidance Value	NYS MCLs
August 2021** (Based on 21 PFAS Analysis Data only)	PFOA	7.0	4.9	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	8.0	4.3	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
November 2021*** (Based on 25 PFAS Analysis Data (EPA Method 533))	PFOA	7.6	6.4	3.6	0.72	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	9.4	6.1	1.8	ND	ND	ND	ND	ND	ND	70[4]	10[5]
March 2022*** (Based on 25 PFAS Analysis Data (EPA Method 533))	PFOA	7.6	6.1	4.1	0.92	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	9.5	4.5	1.6	ND	ND	ND	ND	ND	ND	70[4]	10[5]
May 2022*** (Based on 25 PFAS Analysis Data (EPA Method 533))	PFOA	7.4	7.9	4.6	ND	ND	ND	ND	ND	ND	70[4]	10[5]
	PFOS	7.3	3.9	ND	ND	ND	ND	ND	ND	ND	70[4]	10[5]
August 2022*** (Based on 25 PFAS Analysis Data (EPA Method 533))	PFOA	6.1	ND	4.8	2.1	ND	ND	ND	6.6	ND	70[4]	10[5]
	PFOS	7.9	ND	ND	ND	ND	ND	ND	3.1	ND	70[4]	10[5]

Notes:

** 21 PFAS List Analysis
*** 25 PFAS List Analysis Via USEPA Method 533

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. MCL (Maximum Contaminant Level, mg/l) is the maximum permissible level of a contaminant in water delivered by a public water system.
4. Guidance: USEPA Drinking Water Health Advisory guidance value is 70 ppt.
5. Effective August 2020 the NYS maximum contaminant levels (MCLs) are 10 ppt for PFOS and 10 ppt for PFOA.

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).

Inorganic Results:

- Parameter is the same as "analyte" above – it is the chemical being tested.
- Result is the concentration of that chemical detected.
- RL/PQL is the lowest level at which the specific laboratory test can reliably quantify the concentration. Below that number, the result is considered unreliable.
- DIL is the number of times the sample was diluted (necessary because the test has a certain range that it is accurate for).
- Units: mg/l is milligrams per liter or parts per million; ug/l is micrograms per liter or parts per billion.
- DW MCL stands for drinking water (DW) and "maximum contaminant level" (MCL). All chemicals that have a "maximum contaminant level" (MCL) established for drinking water (DW) have a level reported in this column.

- 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.

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

October 12, 2022

Dave Chiusano
NYDEC_Precision Environmental Services, Inc
831 Rt. 67 Lot 38A
Ballston Spa, NY 12020

Project Location: Mount Airy Rd., New Windsor, NY
Client Job Number:
Project Number: 336089
Laboratory Work Order Number: 22H1777

Enclosed are results of analyses for samples as received by the laboratory on August 30, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kyle K. Stuckey
Project Manager

Table of Contents

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

NYDEC_Precision Environmental Services, Inc
831 Rt. 67 Lot 38A
Ballston Spa, NY 12020
ATTN: Dave Chiusano

REPORT DATE: 10/12/2022

PURCHASE ORDER NUMBER: 141588

PROJECT NUMBER: 336089

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22H1777

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

PROJECT LOCATION: Mount Airy Rd., New Windsor, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Raw Water	22H1777-01	Drinking Water		EPA 533	
Mid	22H1777-02	Drinking Water		EPA 533	
Effluent	22H1777-03	Drinking Water		EPA 533	
A-25	22H1777-04	Drinking Water		EPA 533	
A-50	22H1777-05	Drinking Water		EPA 533	
A-75	22H1777-06	Drinking Water		EPA 533	
B-25	22H1777-07	Drinking Water		EPA 533	
B-50	22H1777-08	Drinking Water		EPA 533	
B-75	22H1777-09	Drinking Water		EPA 533	
Duplicate	22H1777-10	Drinking Water		EPA 533	

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CASE NARRATIVE SUMMARY

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

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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:

8:2 Fluorotelomersulfonic acid (8:2
B316793-BS1

Perfluorododecanoic acid (PFDoA)
B316793-BS1

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:

Perfluorododecanoic acid (PFDoA)
B316793-MS1

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

8:2 Fluorotelomersulfonic acid (8:2
B316793-MSD1

S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:

M2-4:2FTS
S077554-CCV3

M2-6:2FTS
S077554-CCV3

Z-01

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

Analyte & Samples(s) Qualified:

M2-4:2FTS
22H1777-02[Mid]

M2-6:2FTS
22H1777-02[Mid]

M3HFPO-DA
22H1777-03[Effluent]

M4PFHpA
22H1777-02[Mid], 22H1777-03[Effluent]

M5PFHxA
22H1777-02[Mid], 22H1777-03[Effluent]

M5PFPeA
22H1777-02[Mid], 22H1777-03[Effluent]

M8PFOA
22H1777-03[Effluent]

MPFBA
22H1777-03[Effluent]

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

The results of analyses reported only relate to samples submitted to 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.

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

Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22H1777

Date Received: 8/30/2022

Field Sample #: Raw Water Sampled: 8/29/2022 11:05

Sample ID: 22H1777-01

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	2.6	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluorobutanesulfonic acid (PFBS)	5.6	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluoropentanoic acid (PFPeA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluorohexanoic acid (PFHxA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluorooctanoic acid (PFOA)	6.1	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluorooctanesulfonic acid (PFOS)	7.9	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 20:27	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	68.2	50-200		10/4/22 20:27
M2-8:2FTS	104	50-200		10/4/22 20:27
MPFBA	78.3	50-200		10/4/22 20:27
M3HFPO-DA	61.8	50-200		10/4/22 20:27
M6PFDA	75.3	50-200		10/4/22 20:27
M3PFBS	80.7	50-200		10/4/22 20:27
M7PFUnA	75.9	50-200		10/4/22 20:27
M2-6:2FTS	93.6	50-200		10/4/22 20:27
M5PFPeA	82.8	50-200		10/4/22 20:27
M5PFHxA	71.0	50-200		10/4/22 20:27
M3PFHxS	82.0	50-200		10/4/22 20:27
M4PFHpA	71.0	50-200		10/4/22 20:27
M8PFOA	72.1	50-200		10/4/22 20:27
M8PFOS	83.4	50-200		10/4/22 20:27
M9PFNA	77.4	50-200		10/4/22 20:27
MPFDoA	67.9	50-200		10/4/22 20:27

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

Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22H1777

Date Received: 8/30/2022

Field Sample #: Mid Sampled: 8/29/2022 10:40

Sample ID: 22H1777-02

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	3.1	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluorobutanesulfonic acid (PFBS)	2.7	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluoropentanoic acid (PFPeA)	3.7	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluorohexanoic acid (PFHxA)	1.9	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:34	DRL

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	**37.2**	*	50-200	Z-01	10/4/22 20:34
M2-8:2FTS	54.7		50-200		10/4/22 20:34
MPFBA	52.2		50-200		10/4/22 20:34
M3HFPO-DA	50.5		50-200		10/4/22 20:34
M6PFDA	58.1		50-200		10/4/22 20:34
M3PFBS	53.0		50-200		10/4/22 20:34
M7PFUnA	52.5		50-200		10/4/22 20:34
M2-6:2FTS	**48.1**	*	50-200	Z-01	10/4/22 20:34
M5PFPeA	**49.8**	*	50-200	Z-01	10/4/22 20:34
M5PFHxA	**48.9**	*	50-200	Z-01	10/4/22 20:34
M3PFHxS	52.3		50-200		10/4/22 20:34
M4PFHpA	**48.5**	*	50-200	Z-01	10/4/22 20:34
M8PFOA	51.4		50-200		10/4/22 20:34
M8PFOS	54.4		50-200		10/4/22 20:34
M9PFNA	55.8		50-200		10/4/22 20:34
MPFDoA	53.3		50-200		10/4/22 20:34

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22H1777

Date Received: 8/30/2022

Field Sample #: Effluent Sampled: 8/29/2022 10:15

Sample ID: 22H1777-03

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	1.8	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluoropentanoic acid (PFPeA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluorohexanoic acid (PFHxA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluorodecanoic acid (PFDA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluorooctanoic acid (PFOA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL
Perfluorononanoic acid (PFNA)	ND	1.7		ng/L	1		EPA 533	9/16/22	10/4/22 20:41	DRL

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	57.3		50-200		10/4/22 20:41
M2-8:2FTS	89.8		50-200		10/4/22 20:41
MPFBA	**33.8**	*	50-200	Z-01	10/4/22 20:41
M3HFPO-DA	**34.2**	*	50-200	Z-01	10/4/22 20:41
M6PFDA	58.8		50-200		10/4/22 20:41
M3PFBS	85.0		50-200		10/4/22 20:41
M7PFUnA	60.4		50-200		10/4/22 20:41
M2-6:2FTS	77.5		50-200		10/4/22 20:41
M5PFPeA	**36.6**	*	50-200	Z-01	10/4/22 20:41
M5PFHxA	**39.1**	*	50-200	Z-01	10/4/22 20:41
M3PFHxS	83.6		50-200		10/4/22 20:41
M4PFHpA	**41.4**	*	50-200	Z-01	10/4/22 20:41
M8PFOA	**47.7**	*	50-200	Z-01	10/4/22 20:41
M8PFOS	87.0		50-200		10/4/22 20:41
M9PFNA	55.2		50-200		10/4/22 20:41
MPFDoA	71.0		50-200		10/4/22 20:41

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22H1777

Date Received: 8/30/2022

Field Sample #: A-25 Sampled: 8/29/2022 10:55

Sample ID: 22H1777-04

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	7.3	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluoropentanoic acid (PFPeA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:48	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	64.4	50-200		10/4/22 20:48
M2-8:2FTS	99.7	50-200		10/4/22 20:48
MPFBA	85.1	50-200		10/4/22 20:48
M3HFPO-DA	74.2	50-200		10/4/22 20:48
M6PFDA	80.9	50-200		10/4/22 20:48
M3PFBS	93.0	50-200		10/4/22 20:48
M7PFUnA	74.5	50-200		10/4/22 20:48
M2-6:2FTS	97.2	50-200		10/4/22 20:48
M5PFPeA	83.2	50-200		10/4/22 20:48
M5PFHxA	85.6	50-200		10/4/22 20:48
M3PFHxS	91.3	50-200		10/4/22 20:48
M4PFHpA	82.7	50-200		10/4/22 20:48
M8PFOA	88.4	50-200		10/4/22 20:48
M8PFOS	83.8	50-200		10/4/22 20:48
M9PFNA	85.0	50-200		10/4/22 20:48
MPFDoA	74.7	50-200		10/4/22 20:48

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22H1777

Date Received: 8/30/2022

Field Sample #: A-50 Sampled: 8/29/2022 10:50

Sample ID: 22H1777-05

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	2.5	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluorobutanesulfonic acid (PFBS)	6.4	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluoropentanoic acid (PFPeA)	2.6	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluorohexanoic acid (PFHxA)	2.7	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluorooctanoic acid (PFOA)	4.8	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 20:56	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	62.3	50-200		10/4/22 20:56
M2-8:2FTS	90.0	50-200		10/4/22 20:56
MPFBA	83.9	50-200		10/4/22 20:56
M3HFPO-DA	67.6	50-200		10/4/22 20:56
M6PFDA	87.9	50-200		10/4/22 20:56
M3PFBS	82.6	50-200		10/4/22 20:56
M7PFUnA	81.8	50-200		10/4/22 20:56
M2-6:2FTS	82.6	50-200		10/4/22 20:56
M5PFPeA	87.2	50-200		10/4/22 20:56
M5PFHxA	79.2	50-200		10/4/22 20:56
M3PFHxS	84.5	50-200		10/4/22 20:56
M4PFHpA	81.3	50-200		10/4/22 20:56
M8PFOA	85.0	50-200		10/4/22 20:56
M8PFOS	88.4	50-200		10/4/22 20:56
M9PFNA	87.2	50-200		10/4/22 20:56
MPFDoA	80.2	50-200		10/4/22 20:56

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22H1777

Date Received: 8/30/2022

Field Sample #: A-75 Sampled: 8/29/2022 10:45

Sample ID: 22H1777-06

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	2.7	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluorobutanesulfonic acid (PFBS)	5.0	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluoropentanoic acid (PFPeA)	3.4	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluorohexanoic acid (PFHxA)	2.7	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluorooctanoic acid (PFOA)	2.1	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:03	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	66.7	50-200		10/4/22 21:03
M2-8:2FTS	102	50-200		10/4/22 21:03
MPFBA	89.4	50-200		10/4/22 21:03
M3HFPO-DA	90.4	50-200		10/4/22 21:03
M6PFDA	92.8	50-200		10/4/22 21:03
M3PFBS	94.4	50-200		10/4/22 21:03
M7PFUnA	93.9	50-200		10/4/22 21:03
M2-6:2FTS	85.2	50-200		10/4/22 21:03
M5PFPeA	90.0	50-200		10/4/22 21:03
M5PFHxA	87.2	50-200		10/4/22 21:03
M3PFHxS	92.1	50-200		10/4/22 21:03
M4PFHpA	86.1	50-200		10/4/22 21:03
M8PFOA	94.8	50-200		10/4/22 21:03
M8PFOS	99.5	50-200		10/4/22 21:03
M9PFNA	96.0	50-200		10/4/22 21:03
MPFDoA	90.5	50-200		10/4/22 21:03

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22H1777

Date Received: 8/30/2022

Field Sample #: B-25 Sampled: 8/29/2022 10:35

Sample ID: 22H1777-07

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	3.5	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluoropentanoic acid (PFPeA)	4.4	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluorohexanoic acid (PFHxA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:10	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	67.1	50-200		10/4/22 21:10
M2-8:2FTS	104	50-200		10/4/22 21:10
MPFBA	89.9	50-200		10/4/22 21:10
M3HFPO-DA	77.6	50-200		10/4/22 21:10
M6PFDA	96.6	50-200		10/4/22 21:10
M3PFBS	96.9	50-200		10/4/22 21:10
M7PFUnA	94.0	50-200		10/4/22 21:10
M2-6:2FTS	86.7	50-200		10/4/22 21:10
M5PFPeA	88.7	50-200		10/4/22 21:10
M5PFHxA	87.6	50-200		10/4/22 21:10
M3PFHxS	94.0	50-200		10/4/22 21:10
M4PFHpA	89.6	50-200		10/4/22 21:10
M8PFOA	91.1	50-200		10/4/22 21:10
M8PFOS	97.2	50-200		10/4/22 21:10
M9PFNA	96.0	50-200		10/4/22 21:10
MPFDoA	85.6	50-200		10/4/22 21:10

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22H1777

Date Received: 8/30/2022

Field Sample #: B-50 Sampled: 8/29/2022 10:30

Sample ID: 22H1777-08

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	5.1	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluoropentanoic acid (PFPeA)	1.9	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:17	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	60.7	50-200		10/4/22 21:17
M2-8:2FTS	98.8	50-200		10/4/22 21:17
MPFBA	77.1	50-200		10/4/22 21:17
M3HFPO-DA	63.6	50-200		10/4/22 21:17
M6PFDA	82.1	50-200		10/4/22 21:17
M3PFBS	87.5	50-200		10/4/22 21:17
M7PFUnA	77.1	50-200		10/4/22 21:17
M2-6:2FTS	78.5	50-200		10/4/22 21:17
M5PFPeA	75.6	50-200		10/4/22 21:17
M5PFHxA	73.8	50-200		10/4/22 21:17
M3PFHxS	85.2	50-200		10/4/22 21:17
M4PFHpA	72.8	50-200		10/4/22 21:17
M8PFOA	79.8	50-200		10/4/22 21:17
M8PFOS	88.7	50-200		10/4/22 21:17
M9PFNA	83.2	50-200		10/4/22 21:17
MPFDoA	74.9	50-200		10/4/22 21:17

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22H1777

Date Received: 8/30/2022

Field Sample #: B-75 Sampled: 8/29/2022 10:25

Sample ID: 22H1777-09

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	2.4	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluorobutanesulfonic acid (PFBS)	6.1	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluoropentanoic acid (PFPeA)	2.1	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluorohexanoic acid (PFHxA)	2.3	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluoroheptanoic acid (PFHpA)	1.9	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluorooctanoic acid (PFOA)	6.6	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluorooctanesulfonic acid (PFOS)	3.1	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	9/16/22	10/4/22 21:24	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	69.1	50-200		10/4/22 21:24
M2-8:2FTS	105	50-200		10/4/22 21:24
MPFBA	88.4	50-200		10/4/22 21:24
M3HFPO-DA	83.6	50-200		10/4/22 21:24
M6PFDA	102	50-200		10/4/22 21:24
M3PFBS	91.9	50-200		10/4/22 21:24
M7PFUnA	98.7	50-200		10/4/22 21:24
M2-6:2FTS	89.4	50-200		10/4/22 21:24
M5PFPeA	91.8	50-200		10/4/22 21:24
M5PFHxA	85.3	50-200		10/4/22 21:24
M3PFHxS	92.6	50-200		10/4/22 21:24
M4PFHpA	85.7	50-200		10/4/22 21:24
M8PFOA	92.4	50-200		10/4/22 21:24
M8PFOS	96.8	50-200		10/4/22 21:24
M9PFNA	97.1	50-200		10/4/22 21:24
MPFDoA	89.7	50-200		10/4/22 21:24

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22H1777

Date Received: 8/30/2022

Field Sample #: Duplicate Sampled: 8/29/2022 00:00

Sample ID: 22H1777-10

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	1.9	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluoropentanoic acid (PFPeA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
11Cl-PF3OUdS (F53B Major)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
9Cl-PF3ONS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	9/16/22	10/4/22 21:32	DRL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
M2-4:2FTS	64.5	50-200		10/4/22 21:32
M2-8:2FTS	100	50-200		10/4/22 21:32
MPFBA	69.7	50-200		10/4/22 21:32
M3HFPO-DA	72.7	50-200		10/4/22 21:32
M6PFDA	92.5	50-200		10/4/22 21:32
M3PFBS	94.6	50-200		10/4/22 21:32
M7PFUnA	87.3	50-200		10/4/22 21:32
M2-6:2FTS	89.7	50-200		10/4/22 21:32
M5PFPeA	70.4	50-200		10/4/22 21:32
M5PFHxA	74.8	50-200		10/4/22 21:32
M3PFHxS	95.1	50-200		10/4/22 21:32
M4PFHpA	76.6	50-200		10/4/22 21:32
M8PFOA	79.1	50-200		10/4/22 21:32
M8PFOS	97.4	50-200		10/4/22 21:32
M9PFNA	82.3	50-200		10/4/22 21:32
MPFDoA	87.6	50-200		10/4/22 21:32

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Sample Extraction Data

Prep Method: EPA 533 **Analytical Method: EPA 533**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22H1777-01 [Raw Water]	B316793	275	1.00	09/16/22
22H1777-02 [Mid]	B316793	268	1.00	09/16/22
22H1777-03 [Effluent]	B316793	293	1.00	09/16/22
22H1777-04 [A-25]	B316793	265	1.00	09/16/22
22H1777-05 [A-50]	B316793	261	1.00	09/16/22
22H1777-06 [A-75]	B316793	265	1.00	09/16/22
22H1777-07 [B-25]	B316793	279	1.00	09/16/22
22H1777-08 [B-50]	B316793	269	1.00	09/16/22
22H1777-09 [B-75]	B316793	278	1.00	09/16/22
22H1777-10 [Duplicate]	B316793	267	1.00	09/16/22

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B316793 - EPA 533										
Blank (B316793-BLK1)				Prepared: 09/16/22 Analyzed: 10/04/22						
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	*28.3*		ng/L	34.7		81.7	50-200			
Surrogate: M2-8:2FTS	*36.9*		ng/L	35.5		104	50-200			
Surrogate: MPFBA	*33.4*		ng/L	37.0		90.3	50-200			
Surrogate: M3HFPO-DA	*37.0*		ng/L	37.0		100	50-200			
Surrogate: M6PFDA	*32.6*		ng/L	37.0		88.2	50-200			
Surrogate: M3PFBS	*30.4*		ng/L	34.4		88.2	50-200			
Surrogate: M7PFUnA	*32.3*		ng/L	37.0		87.4	50-200			
Surrogate: M2-6:2FTS	*35.0*		ng/L	35.1		99.5	50-200			
Surrogate: M5PFPeA	*32.6*		ng/L	37.0		88.3	50-200			
Surrogate: M5PFHxA	*31.3*		ng/L	37.0		84.7	50-200			
Surrogate: M3PFHxS	*31.1*		ng/L	35.0		88.7	50-200			
Surrogate: M4PFHpA	*31.7*		ng/L	37.0		85.7	50-200			
Surrogate: M8PFOA	*33.1*		ng/L	37.0		89.6	50-200			
Surrogate: M8PFOS	*31.6*		ng/L	35.4		89.0	50-200			
Surrogate: M9PFNA	*33.3*		ng/L	37.0		90.2	50-200			
Surrogate: MPFDoA	*31.3*		ng/L	37.0		84.8	50-200			
LCS (B316793-BS1)				Prepared: 09/16/22 Analyzed: 10/04/22						
Perfluorobutanoic acid (PFBA)	11.4	1.8	ng/L	9.05		126	70-130			
Perfluorobutanesulfonic acid (PFBS)	10.1	1.8	ng/L	8.01		126	70-130			
Perfluoropentanoic acid (PFPeA)	11.4	1.8	ng/L	9.05		126	70-130			
Perfluorohexanoic acid (PFHxA)	11.7	1.8	ng/L	9.05		129	70-130			
11Cl-PF3OUdS (F53B Major)	9.27	1.8	ng/L	8.53		109	70-130			
9Cl-PF3ONS (F53B Minor)	9.63	1.8	ng/L	8.44		114	70-130			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B316793 - EPA 533											
LCS (B316793-BS1)				Prepared: 09/16/22 Analyzed: 10/04/22							
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	9.73	1.8	ng/L	8.53		114		70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	9.35	1.8	ng/L	9.05		103		70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	11.8	1.8	ng/L	8.69		**136**	*	70-130			L-01
Perfluorodecanoic acid (PFDA)	10.7	1.8	ng/L	9.05		118		70-130			
Perfluorododecanoic acid (PFDoA)	13.2	1.8	ng/L	9.05		**146**	*	70-130			L-01
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.99	1.8	ng/L	8.06		99.1		70-130			
Perfluoroheptanesulfonic acid (PFHpS)	10.8	1.8	ng/L	8.65		125		70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	10.5	1.8	ng/L	8.46		124		70-130			
Perfluorohexanesulfonic acid (PFHxS)	10.6	1.8	ng/L	8.28		128		70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	10.5	1.8	ng/L	9.05		116		70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.5	1.8	ng/L	9.05		116		70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	11.1	1.8	ng/L	8.60		129		70-130			
Perfluoropetanesulfonic acid (PFPeS)	9.88	1.8	ng/L	8.51		116		70-130			
Perfluoroundecanoic acid (PFUnA)	11.8	1.8	ng/L	9.05		130		70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	10.9	1.8	ng/L	9.05		121		70-130			
Perfluoroheptanoic acid (PFHpA)	11.4	1.8	ng/L	9.05		126		70-130			
Perfluorooctanoic acid (PFOA)	11.6	1.8	ng/L	9.05		128		70-130			
Perfluorooctanesulfonic acid (PFOS)	10.8	1.8	ng/L	8.37		128		70-130			
Perfluorononanoic acid (PFNA)	10.9	1.8	ng/L	9.05		121		70-130			
Surrogate: M2-4:2FTS	*28.1*		ng/L	34.0		82.8		50-200			
Surrogate: M2-8:2FTS	*33.6*		ng/L	34.8		96.7		50-200			
Surrogate: MPFBA	*30.2*		ng/L	36.2		83.4		50-200			
Surrogate: M3HFPO-DA	*28.3*		ng/L	36.2		78.1		50-200			
Surrogate: M6PFDA	*29.4*		ng/L	36.2		81.1		50-200			
Surrogate: M3PFBS	*28.7*		ng/L	33.7		85.1		50-200			
Surrogate: M7PFUnA	*29.1*		ng/L	36.2		80.3		50-200			
Surrogate: M2-6:2FTS	*30.4*		ng/L	34.4		88.3		50-200			
Surrogate: M5PFPeA	*29.6*		ng/L	36.2		81.6		50-200			
Surrogate: M5PFHxA	*29.6*		ng/L	36.2		81.6		50-200			
Surrogate: M3PFHxS	*28.3*		ng/L	34.3		82.4		50-200			
Surrogate: M4PFHpA	*30.1*		ng/L	36.2		83.1		50-200			
Surrogate: M8PFOA	*30.2*		ng/L	36.2		83.3		50-200			
Surrogate: M8PFOS	*29.6*		ng/L	34.7		85.3		50-200			
Surrogate: M9PFNA	*30.5*		ng/L	36.2		84.1		50-200			
Surrogate: MPFDoA	*27.8*		ng/L	36.2		76.8		50-200			
Matrix Spike (B316793-MS1)		**Source: 22H1777-03**		Prepared: 09/16/22 Analyzed: 10/04/22							
Perfluorobutanoic acid (PFBA)	12.2	1.7	ng/L	8.64	1.76	120		70-130			
Perfluorobutanesulfonic acid (PFBS)	8.87	1.7	ng/L	7.65	ND	116		70-130			
Perfluoropentanoic acid (PFPeA)	10.2	1.7	ng/L	8.64	ND	118		70-130			
Perfluorohexanoic acid (PFHxA)	10.2	1.7	ng/L	8.64	ND	118		70-130			
11Cl-PF3OUdS (F53B Major)	8.96	1.7	ng/L	8.14	ND	110		70-130			
9Cl-PF3ONS (F53B Minor)	9.38	1.7	ng/L	8.06	ND	116		70-130			
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	8.33	1.7	ng/L	8.14	ND	102		70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	9.48	1.7	ng/L	8.64	ND	110		70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	8.80	1.7	ng/L	8.30	ND	106		70-130			
Perfluorodecanoic acid (PFDA)	8.59	1.7	ng/L	8.64	ND	99.4		70-130			
Perfluorododecanoic acid (PFDoA)	11.4	1.7	ng/L	8.64	ND	**132**	*	70-130			MS-22

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B316793 - EPA 533											
Matrix Spike (B316793-MS1)	**Source: 22H1777-03**			Prepared: 09/16/22 Analyzed: 10/04/22							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.18	1.7	ng/L	7.69	ND	93.3	70-130				
Perfluoroheptanesulfonic acid (PFHpS)	9.57	1.7	ng/L	8.25	ND	116	70-130				
4:2 Fluorotelomersulfonic acid (4:2FTS A)	9.21	1.7	ng/L	8.08	ND	114	70-130				
Perfluorohexanesulfonic acid (PFHxS)	9.08	1.7	ng/L	7.91	ND	115	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.25	1.7	ng/L	8.64	ND	107	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.03	1.7	ng/L	8.64	ND	104	70-130				
6:2 Fluorotelomersulfonic acid (6:2FTS A)	9.61	1.7	ng/L	8.21	ND	117	70-130				
Perfluoropetanesulfonic acid (PFPeS)	8.49	1.7	ng/L	8.13	ND	105	70-130				
Perfluoroundecanoic acid (PFUnA)	11.1	1.7	ng/L	8.64	ND	128	70-130				
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	9.11	1.7	ng/L	8.64	ND	105	70-130				
Perfluoroheptanoic acid (PFHpA)	10.3	1.7	ng/L	8.64	ND	119	70-130				
Perfluorooctanoic acid (PFOA)	10.6	1.7	ng/L	8.64	0.518	116	70-130				
Perfluorooctanesulfonic acid (PFOS)	9.58	1.7	ng/L	8.00	ND	120	70-130				
Perfluorononanoic acid (PFNA)	9.97	1.7	ng/L	8.64	ND	115	70-130				
Surrogate: M2-4:2FTS	*21.9*		ng/L	32.4		67.5	50-200				
Surrogate: M2-8:2FTS	*37.9*		ng/L	33.2		114	50-200				
Surrogate: MPFBA	*26.3*		ng/L	34.6		76.0	50-200				
Surrogate: M3HFPO-DA	*22.6*		ng/L	34.6		65.5	50-200				
Surrogate: M6PFDA	*30.8*		ng/L	34.6		89.1	50-200				
Surrogate: M3PFBS	*29.7*		ng/L	32.2		92.2	50-200				
Surrogate: M7PFUnA	*28.3*		ng/L	34.6		81.8	50-200				
Surrogate: M2-6:2FTS	*30.1*		ng/L	32.9		91.6	50-200				
Surrogate: M5PFPeA	*27.0*		ng/L	34.6		78.0	50-200				
Surrogate: M5PFHxA	*27.0*		ng/L	34.6		78.2	50-200				
Surrogate: M3PFHxS	*30.0*		ng/L	32.8		91.5	50-200				
Surrogate: M4PFHpA	*27.4*		ng/L	34.6		79.2	50-200				
Surrogate: M8PFOA	*29.0*		ng/L	34.6		83.8	50-200				
Surrogate: M8PFOS	*29.2*		ng/L	33.2		88.0	50-200				
Surrogate: M9PFNA	*30.9*		ng/L	34.6		89.3	50-200				
Surrogate: MPFDoA	*27.5*		ng/L	34.6		79.6	50-200				
Matrix Spike Dup (B316793-MSD1)	**Source: 22H1777-03**			Prepared: 09/16/22 Analyzed: 10/04/22							
Perfluorobutanoic acid (PFBA)	14.3	2.0	ng/L	10.0	1.76	126	70-130	16.4		30	
Perfluorobutanesulfonic acid (PFBS)	10.4	2.0	ng/L	8.85	ND	117	70-130	15.9		30	
Perfluoropentanoic acid (PFPeA)	11.8	2.0	ng/L	10.0	ND	118	70-130	15.0		30	
Perfluorohexanoic acid (PFHxA)	12.1	2.0	ng/L	10.0	ND	121	70-130	16.7		30	
11Cl-PF3OUdS (F53B Major)	9.60	2.0	ng/L	9.42	ND	102	70-130	6.86		30	
9Cl-PF3ONS (F53B Minor)	10.2	2.0	ng/L	9.32	ND	109	70-130	8.40		30	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	9.35	2.0	ng/L	9.42	ND	99.2	70-130	11.5		30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	10.8	2.0	ng/L	10.0	ND	108	70-130	13.0		30	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	12.0	2.0	ng/L	9.60	ND	125	70-130	**31.0**	*	30	R-06
Perfluorodecanoic acid (PFDA)	10.5	2.0	ng/L	10.0	ND	105	70-130	20.3		30	
Perfluorododecanoic acid (PFDoA)	13.0	2.0	ng/L	10.0	ND	130	70-130	12.5		30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.33	2.0	ng/L	8.90	ND	93.6	70-130	14.8		30	
Perfluoroheptanesulfonic acid (PFHpS)	11.9	2.0	ng/L	9.55	ND	125	70-130	22.0		30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	10.9	2.0	ng/L	9.35	ND	117	70-130	16.9		30	
Perfluorohexanesulfonic acid (PFHxS)	11.1	2.0	ng/L	9.15	ND	122	70-130	20.4		30	
Perfluoro-4-oxapentanoic acid (PFMPA)	10.2	2.0	ng/L	10.0	ND	102	70-130	10.2		30	
Perfluoro-5-oxahexanoic acid (PFMBA)	10.4	2.0	ng/L	10.0	ND	104	70-130	14.1		30	

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B316793 - EPA 533										
Matrix Spike Dup (B316793-MSD1)	**Source: 22H1777-03**			Prepared: 09/16/22 Analyzed: 10/04/22						
6:2 Fluorotelomersulfonic acid (6:2FTS A)	11.0	2.0	ng/L	9.50	ND	116	70-130	14.0	30	
Perfluoropetanesulfonic acid (PFPeS)	10.5	2.0	ng/L	9.40	ND	112	70-130	21.1	30	
Perfluoroundecanoic acid (PFUnA)	11.9	2.0	ng/L	10.0	ND	119	70-130	7.19	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	10.2	2.0	ng/L	10.0	ND	102	70-130	11.6	30	
Perfluoroheptanoic acid (PFHpA)	12.2	2.0	ng/L	10.0	ND	122	70-130	16.8	30	
Perfluorooctanoic acid (PFOA)	13.0	2.0	ng/L	10.0	0.518	125	70-130	20.5	30	
Perfluorooctanesulfonic acid (PFOS)	10.9	2.0	ng/L	9.25	ND	118	70-130	13.0	30	
Perfluorononanoic acid (PFNA)	11.5	2.0	ng/L	10.0	ND	115	70-130	13.9	30	
Surrogate: M2-4:2FTS	*22.1*		ng/L	37.5		58.8	50-200			
Surrogate: M2-8:2FTS	*34.6*		ng/L	38.4		90.2	50-200			
Surrogate: MPFBA	*24.9*		ng/L	40.0		62.3	50-200			
Surrogate: M3HFPO-DA	*22.7*		ng/L	40.0		56.9	50-200			
Surrogate: M6PFDA	*29.4*		ng/L	40.0		73.6	50-200			
Surrogate: M3PFBS	*31.8*		ng/L	37.3		85.4	50-200			
Surrogate: M7PFUnA	*29.9*		ng/L	40.0		74.8	50-200			
Surrogate: M2-6:2FTS	*32.9*		ng/L	38.0		86.4	50-200			
Surrogate: M5PFPeA	*25.5*		ng/L	40.0		63.8	50-200			
Surrogate: M5PFHxA	*24.8*		ng/L	40.0		62.1	50-200			
Surrogate: M3PFHxS	*31.2*		ng/L	37.9		82.2	50-200			
Surrogate: M4PFHpA	*26.5*		ng/L	40.0		66.1	50-200			
Surrogate: M8PFOA	*27.9*		ng/L	40.0		69.7	50-200			
Surrogate: M8PFOS	*31.8*		ng/L	38.4		82.8	50-200			
Surrogate: M9PFNA	*31.5*		ng/L	40.0		78.7	50-200			
Surrogate: MPFDoA	*26.5*		ng/L	40.0		66.3	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 is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
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.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
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

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

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https://www.pacelabs.com/

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CHAIN OF CUSTODY RECORD (New York) 22H1777

1800 Elm Street SE
Minneapolis, MN 55414

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

Company Name: NYSDEC-Central / Precision

Address: 625 Broadway, Albany, NY

Phone: (518) 883-4395 (PES #)

Project Name: Sang-Kroll

Project Location: Mount Airy Rd., New Windsor, NY

Project Number: 336089

Project Manager: Dave Chiusano (DEC) / Brian Neumann (PES)

Pace Analytical Quote Name/Number

Invoice Recipient: NYSDEC-Central

Sampled By: Patrick Sakalauskas

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: Dave Chiusano (DEC)
Fax To #:

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1] Matrix Code	Conc Code	24	O	P	PFAS Method 537	# of Containers	[2] Preservation Code	[3] Container Code
1	Raw Water	8/29/22	1105		X	DW		24	O	P	X			
2	Mid		1040											
3	Effluent		1015											
4	A-25		1055											
5	A-50		1050											
6	A-75		1045											
7	B-25		1035											
8	B-50		1030											
9	B-75		1025											
10	Duplicate													

ANALYSIS REQUESTED

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

Comments: ★ Perform MS/MSD on Effluent
★ Cat B Deliverables
cc Report to Brian Neumann @ Precision (bneumann@pesnyinc.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

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

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

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

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 8-30-22 1120
Relinquished by: (signature)	Date/Time: 8-30-22 1525
Received by: (signature) 15:30	Date/Time: 8-30-22
Relinquished by: (signature) 16:50	Date/Time: 8-30-22
Received by: (signature) 3.1 8/30/22 1650	Date/Time:

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

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

NELAC and AIHA-LAP, LLC Accredited

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

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Table of Contents

39 Spruce St.
East Longmeadow, MA. 01028
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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 Precision

Received By [illegible] Date 8/30/22 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 # 2 Actual Temp - 2.9

By Blank # _____ Actual Temp - _____

Was Custody Seal In tact? NA Were Samples Tampered with? NA

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? NA MS/MSD? T

Proper Media/Containers Used? T splitting samples required F

Were trip blanks receive F On COC? F

Do All Samples Have the proper pH? NA Acid _____ Base _____

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	24	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: