NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation
625 Broadway, 12th Floor, Albany, New York 12233-7011
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www.dec.ny.gov

June 1, 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 May 20, 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.

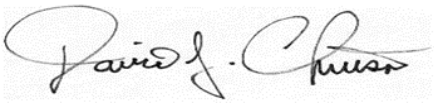
Specifically, the samples were analyzed for a total of twenty-five per- and polyfluoroalkyl substances (PFAS), including Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS). Data received for the 25 PFAS list analysis has been attached. During this event, sampling for the 25 PFAS list 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 August 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 Dr. Min-Sook Kim of the NYSDOH Bureau of Water Supply Protection at (518) 402-7650; email: min-sook.kim@health.ny.gov .

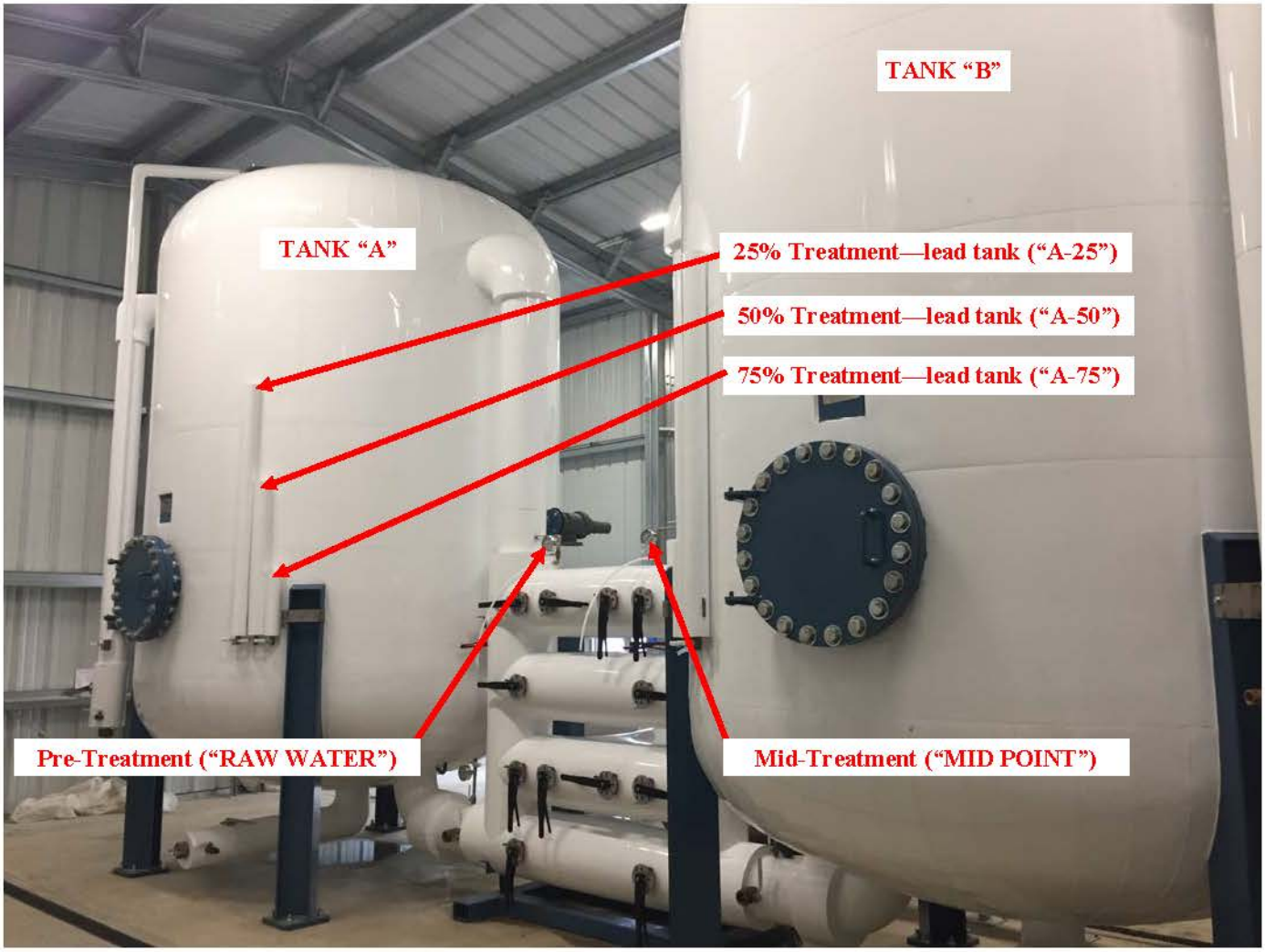
Sincerely,



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. 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
Dr. Kim, NYSDOH
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



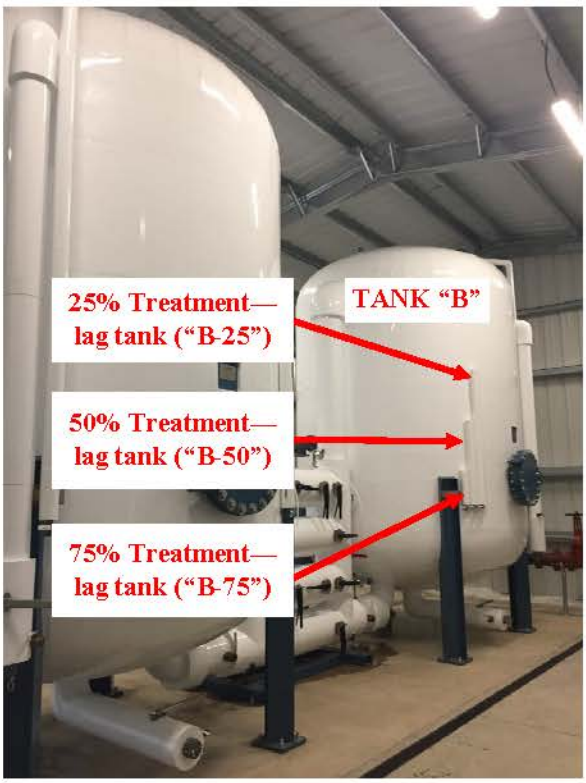


Figure 1—Kroll Well GAC Treatment System Sampling Locations

Town of New Windsor

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

(Last updated: May 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: May 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: May 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]

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

May 31, 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: 22E1535

Enclosed are results of analyses for samples as received by the laboratory on May 23, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
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: 5/31/2022

PURCHASE ORDER NUMBER: 141589

PROJECT NUMBER: 336089

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22E1535

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	22E1535-01	Drinking Water		EPA 533	
Mid Point	22E1535-02	Drinking Water		EPA 533	
Effluent	22E1535-03	Drinking Water		EPA 533	
A-75	22E1535-04	Drinking Water		EPA 533	
A-50	22E1535-05	Drinking Water		EPA 533	
A-25	22E1535-06	Drinking Water		EPA 533	
B-75	22E1535-07	Drinking Water		EPA 533	
B-50	22E1535-08	Drinking Water		EPA 533	
B-25	22E1535-09	Drinking Water		EPA 533	
Duplicate	22E1535-10	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.

Revised Report 5/28/22:Client requested full list for PFAS 533. Samples re-extracted to confirm non-conformance.

EPA 533

Qualifications:

PF-18

Duplicate analysis confirmed Extracted Internal Standard failure due to matrix effects.

Analyte & Samples(s) Qualified:

M2-4:2FTS
B309335-MS1, B309335-MSD1

S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:

M2-4:2FTS
B309103-MSD1, S071983-CCV2, S071983-CCV3

M2-6:2FTS
S071983-CCV2, S071983-CCV3

M3HFPO-DA
B309103-MS1

M4PFHpA
B309103-MS1

M5PFHxA
B309103-MS1

M5PFPeA
22E1535-10RE1[Duplicate], B309103-MS1

M8PFOA
B309103-MS1

MPFBA
22E1535-10RE1[Duplicate], B309103-MS1

Z-01

Duplicate extraction and analysis confirmed Extracted Internal Standard failure due to matrix effects. Both results reported.

Analyte & Samples(s) Qualified:

M2-4:2FTS
22E1535-02[Mid Point], 22E1535-02RE1[Mid Point], 22E1535-03[Effluent], 22E1535-03RE1[Effluent], 22E1535-04[A-75], 22E1535-04RE1[A-75], 22E1535-05[A-50], 22E1535-05RE1[A-50], 22E1535-06[A-25], 22E1535-06RE1[A-25], 22E1535-07[B-75], 22E1535-07RE1[B-75], 22E1535-08[B-50], 22E1535-08RE1[B-50], 22E1535-09[B-25], 22E1535-09RE1[B-25], 22E1535-10[Duplicate], 22E1535-10RE1[Duplicate]

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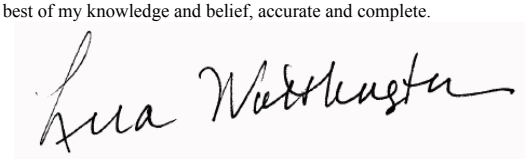
The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in 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.



Lisa A. Worthington
Technical Representative

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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: 22E1535

Date Received: 5/23/2022

Field Sample #: Raw Water Sampled: 5/20/2022 13:15

Sample ID: 22E1535-01

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)	3.7	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluorobutanesulfonic acid (PFBS)	5.8	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluoropentanoic acid (PFPeA)	2.6	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluorohexanoic acid (PFHxA)	2.5	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluorooctanoic acid (PFOA)	7.4	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluorooctanesulfonic acid (PFOS)	7.3	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:00	BLH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
M2-4:2FTS	51.9	50-200		5/25/22	1:00
M2-8:2FTS	66.1	50-200		5/25/22	1:00
MPFBA	97.2	50-200		5/25/22	1:00
M3HFPO-DA	99.2	50-200		5/25/22	1:00
M6PFDA	103	50-200		5/25/22	1:00
M3PFBS	93.6	50-200		5/25/22	1:00
M7PFUnA	100	50-200		5/25/22	1:00
M2-6:2FTS	67.2	50-200		5/25/22	1:00
M5PFPeA	106	50-200		5/25/22	1:00
M5PFHxA	91.4	50-200		5/25/22	1:00
M3PFHxS	91.8	50-200		5/25/22	1:00
M4PFHpA	97.5	50-200		5/25/22	1:00
M8PFOA	99.4	50-200		5/25/22	1:00
M8PFOS	98.7	50-200		5/25/22	1:00
M9PFNA	99.5	50-200		5/25/22	1:00
MPFDoA	100	50-200		5/25/22	1:00

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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: 22E1535

Date Received: 5/23/2022

Field Sample #: Mid Point Sampled: 5/20/2022 12:55

Sample ID: 22E1535-02

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)	4.4	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluorobutanoic acid (PFBA)	4.2	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluorobutanesulfonic acid (PFBS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluoropentanoic acid (PFPeA)	3.4	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluoropentanoic acid (PFPeA)	3.0	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluorohexanoic acid (PFHxA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
11Cl-PF3OUdS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
9Cl-PF3ONS (F53B Major)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: Mid Point Sampled: 5/20/2022 12:55

Sample ID: 22E1535-02

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
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:36	JFC
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:07	BLH

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	**43.3**	*	50-200	Z-01	5/27/22 19:36
M2-4:2FTS	**40.9**	*	50-200	Z-01	5/25/22 1:07
M2-8:2FTS	58.4		50-200		5/27/22 19:36
M2-8:2FTS	59.9		50-200		5/25/22 1:07
MPFBA	85.6		50-200		5/27/22 19:36
MPFBA	88.9		50-200		5/25/22 1:07
M3HFPO-DA	94.4		50-200		5/27/22 19:36
M3HFPO-DA	91.9		50-200		5/25/22 1:07
M6PFDA	87.9		50-200		5/27/22 19:36
M6PFDA	94.9		50-200		5/25/22 1:07
M3PFBS	89.0		50-200		5/27/22 19:36
M3PFBS	95.5		50-200		5/25/22 1:07
M7PFUnA	89.0		50-200		5/27/22 19:36
M7PFUnA	93.6		50-200		5/25/22 1:07
M2-6:2FTS	52.6		50-200		5/27/22 19:36
M2-6:2FTS	54.8		50-200		5/25/22 1:07
M5PFPeA	85.6		50-200		5/27/22 19:36
M5PFPeA	88.4		50-200		5/25/22 1:07
M5PFHxA	84.8		50-200		5/27/22 19:36
M5PFHxA	88.5		50-200		5/25/22 1:07
M3PFHxS	89.9		50-200		5/27/22 19:36
M3PFHxS	94.6		50-200		5/25/22 1:07
M4PFHpA	85.8		50-200		5/27/22 19:36
M4PFHpA	92.6		50-200		5/25/22 1:07
M8PFOA	96.2		50-200		5/25/22 1:07
M8PFOA	84.3		50-200		5/27/22 19:36
M8PFOS	91.4		50-200		5/27/22 19:36
M8PFOS	103		50-200		5/25/22 1:07
M9PFNA	103		50-200		5/25/22 1:07
M9PFNA	88.7		50-200		5/27/22 19:36
MPFDoA	91.8		50-200		5/27/22 19:36
MPFDoA	102		50-200		5/25/22 1:07

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: Effluent

Sample ID: 22E1535-03 Start Date/Time: 5/20/2022 12:25:00PM

Sample Matrix: Drinking Water Stop Date/Time: 5/20/2022 12:35:00PM

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	5/26/22	5/27/22 19:43	JFC
Perfluorobutanoic acid (PFBA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluoropentanoic acid (PFPeA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluoropentanoic acid (PFPeA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: Effluent

Sample ID: 22E1535-03 Start Date/Time: 5/20/2022 12:25:00PM

Sample Matrix: Drinking Water Stop Date/Time: 5/20/2022 12:35:00PM

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
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:43	JFC
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:14	BLH

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	**40.2**	*	50-200	Z-01	5/27/22 19:43
M2-4:2FTS	**42.7**	*	50-200	Z-01	5/25/22 1:14
M2-8:2FTS	54.0		50-200		5/27/22 19:43
M2-8:2FTS	60.8		50-200		5/25/22 1:14
MPFBA	82.3		50-200		5/27/22 19:43
MPFBA	69.9		50-200		5/25/22 1:14
M3HFPO-DA	84.2		50-200		5/27/22 19:43
M3HFPO-DA	75.3		50-200		5/25/22 1:14
M6PFDA	79.8		50-200		5/27/22 19:43
M6PFDA	93.6		50-200		5/25/22 1:14
M3PFBS	86.0		50-200		5/27/22 19:43
M3PFBS	91.8		50-200		5/25/22 1:14
M7PFUnA	83.8		50-200		5/27/22 19:43
M7PFUnA	100		50-200		5/25/22 1:14
M2-6:2FTS	54.9		50-200		5/27/22 19:43
M2-6:2FTS	55.2		50-200		5/25/22 1:14
M5PFPeA	81.3		50-200		5/27/22 19:43
M5PFPeA	69.7		50-200		5/25/22 1:14
M5PFHxA	81.2		50-200		5/27/22 19:43
M5PFHxA	74.5		50-200		5/25/22 1:14
M3PFHxS	84.2		50-200		5/27/22 19:43
M3PFHxS	90.5		50-200		5/25/22 1:14
M4PFHpA	81.6		50-200		5/27/22 19:43
M4PFHpA	77.9		50-200		5/25/22 1:14
M8PFOA	80.1		50-200		5/27/22 19:43
M8PFOA	80.6		50-200		5/25/22 1:14
M8PFOS	86.7		50-200		5/27/22 19:43
M8PFOS	92.6		50-200		5/25/22 1:14
M9PFNA	83.6		50-200		5/27/22 19:43
M9PFNA	92.7		50-200		5/25/22 1:14
MPFDoA	90.3		50-200		5/27/22 19:43
MPFDoA	95.7		50-200		5/25/22 1:14

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: A-75 Sampled: 5/20/2022 13:00

Sample ID: 22E1535-04

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)	4.6	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluorobutanoic acid (PFBA)	3.7	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluorobutanesulfonic acid (PFBS)	3.7	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluorobutanesulfonic acid (PFBS)	3.1	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluoropentanoic acid (PFPeA)	4.0	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluoropentanoic acid (PFPeA)	3.2	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluorohexanoic acid (PFHxA)	2.4	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluorohexanoic acid (PFHxA)	2.1	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
9Cl-PF3ONS (F53B Major)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: A-75 Sampled: 5/20/2022 13:00

Sample ID: 22E1535-04

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
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:50	JFC
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:21	BLH

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	**43.7**	*	50-200	Z-01	5/27/22 19:50
M2-4:2FTS	**42.9**	*	50-200	Z-01	5/25/22 1:21
M2-8:2FTS	57.8		50-200		5/27/22 19:50
M2-8:2FTS	61.0		50-200		5/25/22 1:21
MPFBA	86.0		50-200		5/27/22 19:50
MPFBA	88.0		50-200		5/25/22 1:21
M3HFPO-DA	99.4		50-200		5/27/22 19:50
M3HFPO-DA	105		50-200		5/25/22 1:21
M6PFDA	89.4		50-200		5/27/22 19:50
M6PFDA	104		50-200		5/25/22 1:21
M3PFBS	91.4		50-200		5/27/22 19:50
M3PFBS	96.1		50-200		5/25/22 1:21
M7PFUnA	91.6		50-200		5/27/22 19:50
M7PFUnA	105		50-200		5/25/22 1:21
M2-6:2FTS	54.5		50-200		5/27/22 19:50
M2-6:2FTS	55.7		50-200		5/25/22 1:21
M5PFPeA	86.3		50-200		5/27/22 19:50
M5PFPeA	86.7		50-200		5/25/22 1:21
M5PFHxA	86.8		50-200		5/27/22 19:50
M5PFHxA	93.8		50-200		5/25/22 1:21
M3PFHxS	90.6		50-200		5/27/22 19:50
M3PFHxS	100		50-200		5/25/22 1:21
M4PFHpA	88.8		50-200		5/27/22 19:50
M4PFHpA	93.4		50-200		5/25/22 1:21
M8PFOA	88.9		50-200		5/27/22 19:50
M8PFOA	100		50-200		5/25/22 1:21
M8PFOS	89.7		50-200		5/27/22 19:50
M8PFOS	101		50-200		5/25/22 1:21
M9PFNA	89.2		50-200		5/27/22 19:50
M9PFNA	104		50-200		5/25/22 1:21
MPFDoA	94.8		50-200		5/27/22 19:50
MPFDoA	106		50-200		5/25/22 1:21

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: A-50 Sampled: 5/20/2022 13:05

Sample ID: 22E1535-05

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)	3.6	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluorobutanoic acid (PFBA)	4.4	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluorobutanesulfonic acid (PFBS)	5.2	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluorobutanesulfonic acid (PFBS)	5.9	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluoropentanoic acid (PFPeA)	3.1	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluoropentanoic acid (PFPeA)	3.8	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluorohexanoic acid (PFHxA)	2.6	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluorohexanoic acid (PFHxA)	3.0	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: A-50 Sampled: 5/20/2022 13:05

Sample ID: 22E1535-05

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
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluorooctanoic acid (PFOA)	4.1	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluorooctanoic acid (PFOA)	4.6	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:28	BLH
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 19:58	JFC

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	**42.4**	*	50-200	Z-01	5/25/22 1:28
M2-4:2FTS	**41.7**	*	50-200	Z-01	5/27/22 19:58
M2-8:2FTS	61.7		50-200		5/25/22 1:28
M2-8:2FTS	54.5		50-200		5/27/22 19:58
MPFBA	86.7		50-200		5/25/22 1:28
MPFBA	86.4		50-200		5/27/22 19:58
M3HFPO-DA	80.0		50-200		5/25/22 1:28
M3HFPO-DA	97.1		50-200		5/27/22 19:58
M6PFDA	87.7		50-200		5/25/22 1:28
M6PFDA	86.8		50-200		5/27/22 19:58
M3PFBS	92.5		50-200		5/25/22 1:28
M3PFBS	85.0		50-200		5/27/22 19:58
M7PFUnA	86.9		50-200		5/25/22 1:28
M7PFUnA	88.2		50-200		5/27/22 19:58
M2-6:2FTS	55.7		50-200		5/25/22 1:28
M2-6:2FTS	54.3		50-200		5/27/22 19:58
M5PFPeA	87.0		50-200		5/25/22 1:28
M5PFPeA	87.7		50-200		5/27/22 19:58
M5PFHxA	83.2		50-200		5/25/22 1:28
M5PFHxA	86.3		50-200		5/27/22 19:58
M3PFHxS	97.2		50-200		5/25/22 1:28
M3PFHxS	88.6		50-200		5/27/22 19:58
M4PFHpA	81.9		50-200		5/25/22 1:28
M4PFHpA	86.1		50-200		5/27/22 19:58
M8PFOA	83.2		50-200		5/25/22 1:28
M8PFOA	86.5		50-200		5/27/22 19:58
M8PFOS	102		50-200		5/25/22 1:28
M8PFOS	84.7		50-200		5/27/22 19:58
M9PFNA	86.4		50-200		5/25/22 1:28
M9PFNA	89.3		50-200		5/27/22 19:58
MPFDoA	95.6		50-200		5/25/22 1:28
MPFDoA	86.3		50-200		5/27/22 19:58

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: A-25 Sampled: 5/20/2022 13:10

Sample ID: 22E1535-06

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)	3.2	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluorobutanoic acid (PFBA)	4.3	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluorobutanesulfonic acid (PFBS)	5.9	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluorobutanesulfonic acid (PFBS)	7.0	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluoropentanoic acid (PFPeA)	2.8	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluoropentanoic acid (PFPeA)	3.2	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluorohexanoic acid (PFHxA)	2.8	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluorohexanoic acid (PFHxA)	3.2	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
11Cl-PF3OUdS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
9Cl-PF3ONS (F53B Major)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC

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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: 22E1535

Date Received: 5/23/2022

Field Sample #: A-25 Sampled: 5/20/2022 13:10

Sample ID: 22E1535-06

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
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluoroheptanoic acid (PFHpA)	1.9	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluoroheptanoic acid (PFHpA)	2.3	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluorooctanoic acid (PFOA)	7.4	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluorooctanoic acid (PFOA)	7.9	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluorooctanesulfonic acid (PFOS)	3.5	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluorooctanesulfonic acid (PFOS)	3.9	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 1:50	BLH
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:05	JFC

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	**49.8**	*	50-200	Z-01	5/25/22 1:50
M2-4:2FTS	**43.0**	*	50-200	Z-01	5/27/22 20:05
M2-8:2FTS	67.9		50-200		5/25/22 1:50
M2-8:2FTS	50.7		50-200		5/27/22 20:05
MPFBA	90.0		50-200		5/25/22 1:50
MPFBA	84.8		50-200		5/27/22 20:05
M3HFPO-DA	88.7		50-200		5/27/22 20:05
M3HFPO-DA	88.3		50-200		5/25/22 1:50
M6PFDA	83.0		50-200		5/27/22 20:05
M6PFDA	83.5		50-200		5/25/22 1:50
M3PFBS	81.6		50-200		5/27/22 20:05
M3PFBS	95.0		50-200		5/25/22 1:50
M7PFUnA	85.4		50-200		5/27/22 20:05
M7PFUnA	93.0		50-200		5/25/22 1:50
M2-6:2FTS	57.8		50-200		5/25/22 1:50
M2-6:2FTS	53.6		50-200		5/27/22 20:05
M5PFPeA	89.6		50-200		5/27/22 20:05
M5PFPeA	93.6		50-200		5/25/22 1:50
M5PFHxA	83.8		50-200		5/27/22 20:05
M5PFHxA	81.2		50-200		5/25/22 1:50
M3PFHxS	80.4		50-200		5/27/22 20:05
M3PFHxS	98.2		50-200		5/25/22 1:50
M4PFHpA	82.8		50-200		5/27/22 20:05
M4PFHpA	79.9		50-200		5/25/22 1:50
M8PFOA	80.1		50-200		5/27/22 20:05
M8PFOA	79.6		50-200		5/25/22 1:50
M8PFOS	83.9		50-200		5/27/22 20:05
M8PFOS	98.0		50-200		5/25/22 1:50
M9PFNA	84.8		50-200		5/25/22 1:50
M9PFNA	84.2		50-200		5/27/22 20:05
MPFDoA	93.6		50-200		5/25/22 1:50
MPFDoA	83.9		50-200		5/27/22 20:05

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: B-75 Sampled: 5/20/2022 12:40

Sample ID: 22E1535-07

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)	5.6	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluorobutanoic acid (PFBA)	4.6	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluoropentanoic acid (PFPeA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluoropentanoic acid (PFPeA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: B-75 Sampled: 5/20/2022 12:40

Sample ID: 22E1535-07

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
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/24/22	5/25/22 1:57	BLH
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:12	JFC

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	**43.6**	*	50-200	Z-01	5/25/22 1:57
M2-4:2FTS	**40.0**	*	50-200	Z-01	5/27/22 20:12
M2-8:2FTS	64.7		50-200		5/25/22 1:57
M2-8:2FTS	51.2		50-200		5/27/22 20:12
MPFBA	82.5		50-200		5/25/22 1:57
MPFBA	78.1		50-200		5/27/22 20:12
M3HFPO-DA	97.1		50-200		5/25/22 1:57
M3HFPO-DA	99.1		50-200		5/27/22 20:12
M6PFDA	99.1		50-200		5/25/22 1:57
M6PFDA	81.2		50-200		5/27/22 20:12
M3PFBS	96.6		50-200		5/25/22 1:57
M3PFBS	86.6		50-200		5/27/22 20:12
M7PFUnA	103		50-200		5/25/22 1:57
M7PFUnA	83.5		50-200		5/27/22 20:12
M2-6:2FTS	61.6		50-200		5/25/22 1:57
M2-6:2FTS	52.4		50-200		5/27/22 20:12
M5PFPeA	82.6		50-200		5/25/22 1:57
M5PFPeA	77.7		50-200		5/27/22 20:12
M5PFHxA	87.6		50-200		5/25/22 1:57
M5PFHxA	85.9		50-200		5/27/22 20:12
M3PFHxS	97.3		50-200		5/25/22 1:57
M3PFHxS	82.3		50-200		5/27/22 20:12
M4PFHpA	90.6		50-200		5/25/22 1:57
M4PFHpA	84.5		50-200		5/27/22 20:12
M8PFOA	92.6		50-200		5/25/22 1:57
M8PFOA	78.5		50-200		5/27/22 20:12
M8PFOS	99.4		50-200		5/25/22 1:57
M8PFOS	79.4		50-200		5/27/22 20:12
M9PFNA	101		50-200		5/25/22 1:57
M9PFNA	86.0		50-200		5/27/22 20:12
MPFDoA	102		50-200		5/25/22 1:57
MPFDoA	82.5		50-200		5/27/22 20:12

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: B-50 Sampled: 5/20/2022 12:45

Sample ID: 22E1535-08

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)	5.6	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluorobutanoic acid (PFBA)	5.0	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluorobutanesulfonic acid (PFBS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluoropentanoic acid (PFPeA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluoropentanoic acid (PFPeA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluorohexanoic acid (PFHxA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
9Cl-PF3ONS (F53B Major)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC

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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: 22E1535

Date Received: 5/23/2022

Field Sample #: B-50 Sampled: 5/20/2022 12:45

Sample ID: 22E1535-08

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
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:19	JFC
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:04	BLH

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	**41.6**	*	50-200	Z-01	5/27/22 20:19
M2-4:2FTS	**42.7**	*	50-200	Z-01	5/25/22 2:04
M2-8:2FTS	52.0		50-200		5/27/22 20:19
M2-8:2FTS	58.1		50-200		5/25/22 2:04
MPFBA	76.2		50-200		5/27/22 20:19
MPFBA	71.9		50-200		5/25/22 2:04
M3HFPO-DA	84.2		50-200		5/27/22 20:19
M3HFPO-DA	80.4		50-200		5/25/22 2:04
M6PFDA	79.4		50-200		5/27/22 20:19
M6PFDA	86.7		50-200		5/25/22 2:04
M3PFBS	87.5		50-200		5/27/22 20:19
M3PFBS	95.6		50-200		5/25/22 2:04
M7PFUnA	85.7		50-200		5/27/22 20:19
M7PFUnA	89.1		50-200		5/25/22 2:04
M2-6:2FTS	52.6		50-200		5/27/22 20:19
M2-6:2FTS	59.7		50-200		5/25/22 2:04
M5PFPeA	76.6		50-200		5/27/22 20:19
M5PFPeA	71.4		50-200		5/25/22 2:04
M5PFHxA	80.8		50-200		5/27/22 20:19
M5PFHxA	73.0		50-200		5/25/22 2:04
M3PFHxS	84.5		50-200		5/27/22 20:19
M3PFHxS	94.1		50-200		5/25/22 2:04
M4PFHpA	78.8		50-200		5/27/22 20:19
M4PFHpA	75.2		50-200		5/25/22 2:04
M8PFOA	75.9		50-200		5/27/22 20:19
M8PFOA	81.2		50-200		5/25/22 2:04
M8PFOS	83.3		50-200		5/27/22 20:19
M8PFOS	96.9		50-200		5/25/22 2:04
M9PFNA	77.8		50-200		5/27/22 20:19
M9PFNA	82.0		50-200		5/25/22 2:04
MPFDoA	90.2		50-200		5/27/22 20:19
MPFDoA	95.3		50-200		5/25/22 2:04

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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: 22E1535

Date Received: 5/23/2022

Field Sample #: B-25 Sampled: 5/20/2022 12:50

Sample ID: 22E1535-09

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)	5.0	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluorobutanoic acid (PFBA)	4.7	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluorobutanesulfonic acid (PFBS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluorobutanesulfonic acid (PFBS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluoropentanoic acid (PFPeA)	3.1	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluoropentanoic acid (PFPeA)	2.8	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluorohexanoic acid (PFHxA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluorohexanoic acid (PFHxA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
11Cl-PF3OUdS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
9Cl-PF3ONS (F53B Major)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
9Cl-PF3ONS (F53B Major)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluorodecanoic acid (PFDA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluorododecanoic acid (PFDoA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluoroundecanoic acid (PFUnA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: B-25 Sampled: 5/20/2022 12:50

Sample ID: 22E1535-09

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
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluoroheptanoic acid (PFHpA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluorooctanoic acid (PFOA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluorooctanesulfonic acid (PFOS)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH
Perfluorononanoic acid (PFNA)	ND	1.9		ng/L	1		EPA 533	5/26/22	5/27/22 20:26	JFC
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:12	BLH

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	**40.5**	*	50-200	Z-01	5/27/22 20:26
M2-4:2FTS	**41.4**	*	50-200	Z-01	5/25/22 2:12
M2-8:2FTS	52.3		50-200		5/27/22 20:26
M2-8:2FTS	56.9		50-200		5/25/22 2:12
MPFBA	77.7		50-200		5/27/22 20:26
MPFBA	81.9		50-200		5/25/22 2:12
M3HFPO-DA	89.1		50-200		5/27/22 20:26
M3HFPO-DA	95.8		50-200		5/25/22 2:12
M6PFDA	80.3		50-200		5/27/22 20:26
M6PFDA	91.7		50-200		5/25/22 2:12
M3PFBS	89.6		50-200		5/27/22 20:26
M3PFBS	89.6		50-200		5/25/22 2:12
M7PFUnA	89.9		50-200		5/27/22 20:26
M7PFUnA	96.9		50-200		5/25/22 2:12
M2-6:2FTS	54.3		50-200		5/27/22 20:26
M2-6:2FTS	54.9		50-200		5/25/22 2:12
M5PFPeA	76.7		50-200		5/27/22 20:26
M5PFPeA	80.0		50-200		5/25/22 2:12
M5PFHxA	79.8		50-200		5/27/22 20:26
M5PFHxA	83.8		50-200		5/25/22 2:12
M3PFHxS	85.3		50-200		5/27/22 20:26
M3PFHxS	90.3		50-200		5/25/22 2:12
M4PFHpA	80.9		50-200		5/27/22 20:26
M4PFHpA	88.8		50-200		5/25/22 2:12
M8PFOA	78.8		50-200		5/27/22 20:26
M8PFOA	92.1		50-200		5/25/22 2:12
M8PFOS	84.6		50-200		5/27/22 20:26
M8PFOS	93.8		50-200		5/25/22 2:12
M9PFNA	83.0		50-200		5/27/22 20:26
M9PFNA	93.1		50-200		5/25/22 2:12
MPFDoA	97.2		50-200		5/27/22 20:26
MPFDoA	99.8		50-200		5/25/22 2:12

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: Duplicate Sampled: 5/20/2022 00:00

Sample ID: 22E1535-10

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)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluorobutanoic acid (PFBA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluorobutanesulfonic acid (PFBS)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluorobutanesulfonic acid (PFBS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluoropentanoic acid (PFPeA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluoropentanoic acid (PFPeA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluorohexanoic acid (PFHxA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluorohexanoic acid (PFHxA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
11Cl-PF3OUdS (F53B Minor)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
9Cl-PF3ONS (F53B Major)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
9Cl-PF3ONS (F53B Major)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
8:2 Fluorotelomersulfonic acid (8:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluorodecanoic acid (PFDA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluorododecanoic acid (PFDoA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
4:2 Fluorotelomersulfonic acid (4:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
6:2 Fluorotelomersulfonic acid (6:2FTSA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluoropetanesulfonic acid (PFPeS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH

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Project Location: Mount Airy Rd., New Windsor, N Sample Description: Work Order: 22E1535

Date Received: 5/23/2022

Field Sample #: Duplicate Sampled: 5/20/2022 00:00

Sample ID: 22E1535-10

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
Perfluoroundecanoic acid (PFUnA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluoroheptanoic acid (PFHpA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluorooctanoic acid (PFOA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluorooctanesulfonic acid (PFOS)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	5/26/22	5/27/22 20:34	JFC
Perfluorononanoic acid (PFNA)	ND	1.8		ng/L	1		EPA 533	5/24/22	5/25/22 2:19	BLH

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
M2-4:2FTS	**40.6**	*	50-200	Z-01	5/27/22 20:34
M2-4:2FTS	**40.3**	*	50-200	Z-01	5/25/22 2:19
M2-8:2FTS	55.4		50-200		5/27/22 20:34
M2-8:2FTS	57.5		50-200		5/25/22 2:19
MPFBA	74.9		50-200		5/25/22 2:19
MPFBA	**43.0**	*	50-200	S-29	5/27/22 20:34
M3HFPO-DA	63.7		50-200		5/27/22 20:34
M3HFPO-DA	88.0		50-200		5/25/22 2:19
M6PFDA	78.8		50-200		5/27/22 20:34
M6PFDA	82.7		50-200		5/25/22 2:19
M3PFBS	89.8		50-200		5/27/22 20:34
M3PFBS	91.2		50-200		5/25/22 2:19
M7PFUnA	86.7		50-200		5/27/22 20:34
M7PFUnA	93.6		50-200		5/25/22 2:19
M2-6:2FTS	53.6		50-200		5/27/22 20:34
M2-6:2FTS	55.2		50-200		5/25/22 2:19
M5PFPeA	**47.4**	*	50-200	S-29	5/27/22 20:34
M5PFPeA	76.3		50-200		5/25/22 2:19
M5PFHxA	57.9		50-200		5/27/22 20:34
M5PFHxA	78.0		50-200		5/25/22 2:19
M3PFHxS	86.6		50-200		5/27/22 20:34
M3PFHxS	92.1		50-200		5/25/22 2:19
M4PFHpA	62.1		50-200		5/27/22 20:34
M4PFHpA	83.9		50-200		5/25/22 2:19
M8PFOA	65.3		50-200		5/27/22 20:34
M8PFOA	80.5		50-200		5/25/22 2:19
M8PFOS	92.5		50-200		5/25/22 2:19
M8PFOS	84.4		50-200		5/27/22 20:34
M9PFNA	74.4		50-200		5/27/22 20:34
M9PFNA	90.8		50-200		5/25/22 2:19
MPFDoA	90.9		50-200		5/27/22 20:34
MPFDoA	96.3		50-200		5/25/22 2:19

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Sample Extraction Data

Prep Method: EPA 533-EPA 533

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22E1535-01 [Raw Water]	B309103	269	1.00	05/24/22
22E1535-02 [Mid Point]	B309103	284	1.00	05/24/22
22E1535-03 [Effluent]	B309103	257	1.00	05/24/22
22E1535-04 [A-75]	B309103	275	1.00	05/24/22
22E1535-05 [A-50]	B309103	268	1.00	05/24/22
22E1535-06 [A-25]	B309103	274	1.00	05/24/22
22E1535-07 [B-75]	B309103	269	1.00	05/24/22
22E1535-08 [B-50]	B309103	281	1.00	05/24/22
22E1535-09 [B-25]	B309103	272	1.00	05/24/22
22E1535-10 [Duplicate]	B309103	273	1.00	05/24/22

Prep Method: EPA 533-EPA 533

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22E1535-02RE1 [Mid Point]	B309335	267	1.00	05/26/22
22E1535-03RE1 [Effluent]	B309335	259	1.00	05/26/22
22E1535-04RE1 [A-75]	B309335	266	1.00	05/26/22
22E1535-05RE1 [A-50]	B309335	258	1.00	05/26/22
22E1535-06RE1 [A-25]	B309335	261	1.00	05/26/22
22E1535-07RE1 [B-75]	B309335	259	1.00	05/26/22
22E1535-08RE1 [B-50]	B309335	260	1.00	05/26/22
22E1535-09RE1 [B-25]	B309335	267	1.00	05/26/22
22E1535-10RE1 [Duplicate]	B309335	274	1.00	05/26/22

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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 B309103 - EPA 533											
Blank (B309103-BLK1)					Prepared: 05/24/22 Analyzed: 05/25/22						
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 Minor)	ND	1.8		ng/L							
9Cl-PF3ONS (F53B Major)	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	*30.9*			ng/L	34.1		90.7	50-200			
Surrogate: M2-8:2FTS	*34.3*			ng/L	34.9		98.4	50-200			
Surrogate: MPFBA	*36.9*			ng/L	36.4		102	50-200			
Surrogate: M3HFPO-DA	*37.7*			ng/L	36.4		104	50-200			
Surrogate: M6PFDA	*36.6*			ng/L	36.4		101	50-200			
Surrogate: M3PFBS	*33.6*			ng/L	33.9		99.1	50-200			
Surrogate: M7PFUnA	*39.5*			ng/L	36.4		109	50-200			
Surrogate: M2-6:2FTS	*35.5*			ng/L	34.6		103	50-200			
Surrogate: M5PFPeA	*36.2*			ng/L	36.4		99.6	50-200			
Surrogate: M5PFHxA	*34.7*			ng/L	36.4		95.4	50-200			
Surrogate: M3PFHxS	*34.4*			ng/L	34.5		99.9	50-200			
Surrogate: M4PFHpA	*36.1*			ng/L	36.4		99.2	50-200			
Surrogate: M8PFOA	*36.5*			ng/L	36.4		101	50-200			
Surrogate: M8PFOS	*35.2*			ng/L	34.9		101	50-200			
Surrogate: M9PFNA	*36.5*			ng/L	36.4		100	50-200			
Surrogate: MPFDoA	*37.5*			ng/L	36.4		103	50-200			
LCS (B309103-BS1)					Prepared & Analyzed: 05/24/22						
Perfluorobutanoic acid (PFBA)	16.9	1.8		ng/L	18.1		93.0	70-130			
Perfluorobutanesulfonic acid (PFBS)	14.4	1.8		ng/L	16.0		90.0	70-130			
Perfluoropentanoic acid (PFPeA)	16.9	1.8		ng/L	18.1		93.3	70-130			
Perfluorohexanoic acid (PFHxA)	16.7	1.8		ng/L	18.1		92.2	70-130			
11Cl-PF3OUdS (F53B Minor)	14.8	1.8		ng/L	17.1		86.6	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 B309103 - EPA 533											
LCS (B309103-BS1)					Prepared & Analyzed: 05/24/22						
9Cl-PF3ONS (F53B Major)	14.2	1.8		ng/L	16.9		84.3	70-130			
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	14.8	1.8		ng/L	17.1		86.8	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13.3	1.8		ng/L	18.1		73.3	70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	15.0	1.8		ng/L	17.4		86.3	70-130			
Perfluorodecanoic acid (PFDA)	16.2	1.8		ng/L	18.1		89.2	70-130			
Perfluorododecanoic acid (PFDoA)	17.5	1.8		ng/L	18.1		96.6	70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	16.7	1.8		ng/L	16.1		103	70-130			
Perfluoroheptanesulfonic acid (PFHpS)	17.3	1.8		ng/L	17.3		99.6	70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	15.9	1.8		ng/L	17.0		93.8	70-130			
Perfluorohexanesulfonic acid (PFHxS)	15.1	1.8		ng/L	16.6		91.0	70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	18.1	1.8		ng/L	18.1		99.6	70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	16.6	1.8		ng/L	18.1		91.8	70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	15.3	1.8		ng/L	17.2		88.7	70-130			
Perfluoropetanesulfonic acid (PFPeS)	15.2	1.8		ng/L	17.0		88.9	70-130			
Perfluoroundecanoic acid (PFUnA)	17.0	1.8		ng/L	18.1		93.7	70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	16.5	1.8		ng/L	18.1		90.8	70-130			
Perfluoroheptanoic acid (PFHpA)	16.7	1.8		ng/L	18.1		92.0	70-130			
Perfluorooctanoic acid (PFOA)	15.5	1.8		ng/L	18.1		85.2	70-130			
Perfluorooctanesulfonic acid (PFOS)	15.7	1.8		ng/L	16.8		93.4	70-130			
Perfluorononanoic acid (PFNA)	16.8	1.8		ng/L	18.1		92.8	70-130			
Surrogate: M2-4:2FTS	*32.1*			ng/L	34.0		94.3	50-200			
Surrogate: M2-8:2FTS	*34.9*			ng/L	34.8		100	50-200			
Surrogate: MPFBA	*38.0*			ng/L	36.3		105	50-200			
Surrogate: M3HFPO-DA	*36.4*			ng/L	36.3		100	50-200			
Surrogate: M6PFDA	*34.2*			ng/L	36.3		94.2	50-200			
Surrogate: M3PFBS	*35.0*			ng/L	33.8		104	50-200			
Surrogate: M7PFUnA	*35.0*			ng/L	36.3		96.4	50-200			
Surrogate: M2-6:2FTS	*34.4*			ng/L	34.5		99.7	50-200			
Surrogate: M5PFPeA	*37.3*			ng/L	36.3		103	50-200			
Surrogate: M5PFHxA	*33.7*			ng/L	36.3		93.0	50-200			
Surrogate: M3PFHxS	*36.4*			ng/L	34.4		106	50-200			
Surrogate: M4PFHpA	*34.7*			ng/L	36.3		95.6	50-200			
Surrogate: M8PFOA	*36.2*			ng/L	36.3		99.7	50-200			
Surrogate: M8PFOS	*37.5*			ng/L	34.8		108	50-200			
Surrogate: M9PFNA	*37.2*			ng/L	36.3		103	50-200			
Surrogate: MPFDoA	*34.4*			ng/L	36.3		94.8	50-200			
Matrix Spike (B309103-MS1)		**Source: 22E1535-03**			Prepared: 05/24/22 Analyzed: 05/25/22						
Perfluorobutanoic acid (PFBA)	16.9	1.8		ng/L	18.0	0.318	92.2	70-130			
Perfluorobutanesulfonic acid (PFBS)	14.3	1.8		ng/L	15.9	ND	90.3	70-130			
Perfluoropentanoic acid (PFPeA)	17.2	1.8		ng/L	18.0	ND	96.0	70-130			
Perfluorohexanoic acid (PFHxA)	17.4	1.8		ng/L	18.0	ND	97.0	70-130			
11Cl-PF3OUdS (F53B Minor)	16.1	1.8		ng/L	16.9	ND	95.0	70-130			
9Cl-PF3ONS (F53B Major)	16.0	1.8		ng/L	16.7	ND	95.5	70-130			
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	12.9	1.8		ng/L	16.9	ND	76.0	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13.4	1.8		ng/L	18.0	ND	74.7	70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	16.8	1.8		ng/L	17.2	ND	97.3	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 B309103 - EPA 533												
Matrix Spike (B309103-MS1)	**Source: 22E1535-03**				Prepared: 05/24/22 Analyzed: 05/25/22							
Perfluorodecanoic acid (PFDA)	16.5	1.8		ng/L	18.0	ND	91.8		70-130			
Perfluorododecanoic acid (PFDoA)	18.0	1.8		ng/L	18.0	ND	100		70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	16.7	1.8		ng/L	16.0	ND	104		70-130			
Perfluoroheptanesulfonic acid (PFHpS)	17.8	1.8		ng/L	17.1	ND	104		70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	15.5	1.8		ng/L	16.8	ND	92.5		70-130			
Perfluorohexanesulfonic acid (PFHxS)	16.1	1.8		ng/L	16.4	ND	98.1		70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	16.8	1.8		ng/L	18.0	ND	93.8		70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	16.9	1.8		ng/L	18.0	ND	93.9		70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	15.8	1.8		ng/L	17.1	ND	92.9		70-130			
Perfluoropetanesulfonic acid (PFPeS)	15.3	1.8		ng/L	16.9	ND	90.7		70-130			
Perfluoroundecanoic acid (PFUnA)	16.3	1.8		ng/L	18.0	ND	90.7		70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	14.6	1.8		ng/L	18.0	ND	81.3		70-130			
Perfluoroheptanoic acid (PFHpA)	15.9	1.8		ng/L	18.0	ND	88.7		70-130			
Perfluorooctanoic acid (PFOA)	16.8	1.8		ng/L	18.0	ND	93.5		70-130			
Perfluorooctanesulfonic acid (PFOS)	17.0	1.8		ng/L	16.6	ND	102		70-130			
Perfluorononanoic acid (PFNA)	16.6	1.8		ng/L	18.0	ND	92.5		70-130			
Surrogate: M2-4:2FTS	*17.5*			ng/L	33.7		51.8		50-200			
Surrogate: M2-8:2FTS	*25.9*			ng/L	34.5		75.2		50-200			
Surrogate: MPFBA	*10.1*			ng/L	35.9		**28.2**	*	50-200			S-29
Surrogate: M3HFPO-DA	*15.7*			ng/L	35.9		**43.8**	*	50-200			S-29
Surrogate: M6PFDA	*19.9*			ng/L	35.9		55.4		50-200			
Surrogate: M3PFBS	*32.9*			ng/L	33.5		98.3		50-200			
Surrogate: M7PFUnA	*25.6*			ng/L	35.9		71.4		50-200			
Surrogate: M2-6:2FTS	*23.2*			ng/L	34.1		67.8		50-200			
Surrogate: M5PFPeA	*12.2*			ng/L	35.9		**33.9**	*	50-200			S-29
Surrogate: M5PFHxA	*14.0*			ng/L	35.9		**38.9**	*	50-200			S-29
Surrogate: M3PFHxS	*33.9*			ng/L	34.0		99.7		50-200			
Surrogate: M4PFHpA	*16.2*			ng/L	35.9		**45.2**	*	50-200			S-29
Surrogate: M8PFOA	*17.5*			ng/L	35.9		**48.8**	*	50-200			S-29
Surrogate: M8PFOS	*33.0*			ng/L	34.4		95.8		50-200			
Surrogate: M9PFNA	*18.0*			ng/L	35.9		50.1		50-200			
Surrogate: MPFDoA	*29.6*			ng/L	35.9		82.6		50-200			
Matrix Spike Dup (B309103-MSD1)	**Source: 22E1535-03**				Prepared: 05/24/22 Analyzed: 05/25/22							
Perfluorobutanoic acid (PFBA)	17.4	1.9		ng/L	18.8	0.318	91.0		70-130	3.38	30	
Perfluorobutanesulfonic acid (PFBS)	15.2	1.9		ng/L	16.7	ND	91.4		70-130	5.90	30	
Perfluoropentanoic acid (PFPeA)	17.5	1.9		ng/L	18.8	ND	93.2		70-130	1.73	30	
Perfluorohexanoic acid (PFHxA)	17.4	1.9		ng/L	18.8	ND	92.3		70-130	0.258	30	
11Cl-PF3OUdS (F53B Minor)	15.7	1.9		ng/L	17.7	ND	88.6		70-130	2.20	30	
9Cl-PF3ONS (F53B Major)	14.8	1.9		ng/L	17.5	ND	84.5		70-130	7.58	30	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	15.2	1.9		ng/L	17.7	ND	85.6		70-130	16.5	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	14.5	1.9		ng/L	18.8	ND	76.8		70-130	7.56	30	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	18.4	1.9		ng/L	18.1	ND	102		70-130	9.22	30	
Perfluorodecanoic acid (PFDA)	16.2	1.9		ng/L	18.8	ND	86.2		70-130	1.50	30	
Perfluorododecanoic acid (PFDoA)	17.5	1.9		ng/L	18.8	ND	92.9		70-130	3.07	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	17.6	1.9		ng/L	16.8	ND	105		70-130	5.33	30	
Perfluoroheptanesulfonic acid (PFHpS)	18.3	1.9		ng/L	18.0	ND	102		70-130	2.76	30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	16.5	1.9		ng/L	17.6	ND	93.6		70-130	5.92	30	

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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 B309103 - EPA 533												
Matrix Spike Dup (B309103-MSD1)	**Source: 22E1535-03**				Prepared: 05/24/22 Analyzed: 05/25/22							
Perfluorohexanesulfonic acid (PFHxS)	14.8	1.9		ng/L	17.2	ND	86.0		70-130	8.48	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	17.9	1.9		ng/L	18.8	ND	95.0		70-130	6.09	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	16.9	1.9		ng/L	18.8	ND	89.9		70-130	0.404	30	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	16.1	1.9		ng/L	17.9	ND	90.2		70-130	1.80	30	
Perfluoropetanesulfonic acid (PFPeS)	14.8	1.9		ng/L	17.7	ND	83.5		70-130	3.45	30	
Perfluoroundecanoic acid (PFUnA)	17.6	1.9		ng/L	18.8	ND	93.7		70-130	7.95	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	16.0	1.9		ng/L	18.8	ND	85.0		70-130	9.23	30	
Perfluoroheptanoic acid (PFHpA)	17.6	1.9		ng/L	18.8	ND	93.6		70-130	10.1	30	
Perfluorooctanoic acid (PFOA)	17.3	1.9		ng/L	18.8	ND	91.8		70-130	2.82	30	
Perfluorooctanesulfonic acid (PFOS)	16.9	1.9		ng/L	17.4	ND	97.1		70-130	0.600	30	
Perfluorononanoic acid (PFNA)	16.9	1.9		ng/L	18.8	ND	89.6		70-130	1.53	30	
Surrogate: M2-4:2FTS	*17.0*			ng/L	35.3		**48.1**	*	50-200			S-29
Surrogate: M2-8:2FTS	*23.6*			ng/L	36.1		65.4		50-200			
Surrogate: MPFBA	*32.5*			ng/L	37.6		86.3		50-200			
Surrogate: M3HFPO-DA	*34.7*			ng/L	37.6		92.1		50-200			
Surrogate: M6PFDA	*38.3*			ng/L	37.6		102		50-200			
Surrogate: M3PFBS	*35.2*			ng/L	35.1		100		50-200			
Surrogate: M7PFUnA	*37.6*			ng/L	37.6		100		50-200			
Surrogate: M2-6:2FTS	*24.3*			ng/L	35.8		67.8		50-200			
Surrogate: M5PFPeA	*32.8*			ng/L	37.6		87.0		50-200			
Surrogate: M5PFHxA	*34.3*			ng/L	37.6		91.2		50-200			
Surrogate: M3PFHxS	*38.9*			ng/L	35.7		109		50-200			
Surrogate: M4PFHpA	*35.0*			ng/L	37.6		93.1		50-200			
Surrogate: M8PFOA	*37.9*			ng/L	37.6		101		50-200			
Surrogate: M8PFOS	*37.6*			ng/L	36.1		104		50-200			
Surrogate: M9PFNA	*38.9*			ng/L	37.6		103		50-200			
Surrogate: MPFDoA	*40.2*			ng/L	37.6		107		50-200			
Batch B309335 - EPA 533												
Blank (B309335-BLK1)					Prepared: 05/26/22 Analyzed: 05/27/22							
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 Minor)	ND	1.8		ng/L								
9Cl-PF3ONS (F53B Major)	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								

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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 B309335 - EPA 533											
Blank (B309335-BLK1)					Prepared: 05/26/22 Analyzed: 05/27/22						
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	*26.5*			ng/L	33.7		78.7	50-200			
Surrogate: M2-8:2FTS	*30.6*			ng/L	34.5		88.8	50-200			
Surrogate: MPFBA	*29.4*			ng/L	35.9		81.7	50-200			
Surrogate: M3HFPO-DA	*35.3*			ng/L	35.9		98.2	50-200			
Surrogate: M6PFDA	*28.2*			ng/L	35.9		78.6	50-200			
Surrogate: M3PFBS	*28.7*			ng/L	33.5		85.8	50-200			
Surrogate: M7PFUnA	*30.5*			ng/L	35.9		84.9	50-200			
Surrogate: M2-6:2FTS	*28.7*			ng/L	34.2		83.9	50-200			
Surrogate: M5PFPeA	*28.8*			ng/L	35.9		80.1	50-200			
Surrogate: M5PFHxA	*28.4*			ng/L	35.9		79.0	50-200			
Surrogate: M3PFHxS	*29.5*			ng/L	34.1		86.7	50-200			
Surrogate: M4PFHpA	*28.6*			ng/L	35.9		79.5	50-200			
Surrogate: M8PFOA	*29.2*			ng/L	35.9		81.3	50-200			
Surrogate: M8PFOS	*28.9*			ng/L	34.5		83.8	50-200			
Surrogate: M9PFNA	*29.6*			ng/L	35.9		82.3	50-200			
Surrogate: MPFDoA	*31.8*			ng/L	35.9		88.4	50-200			
LCS (B309335-BS1)					Prepared: 05/26/22 Analyzed: 05/27/22						
Perfluorobutanoic acid (PFBA)	9.41	1.8		ng/L	9.01		104	70-130			
Perfluorobutanesulfonic acid (PFBS)	7.85	1.8		ng/L	7.97		98.5	70-130			
Perfluoropentanoic acid (PFPeA)	9.26	1.8		ng/L	9.01		103	70-130			
Perfluorohexanoic acid (PFHxA)	9.16	1.8		ng/L	9.01		102	70-130			
11Cl-PF3OUdS (F53B Minor)	10.6	1.8		ng/L	8.49		125	70-130			
9Cl-PF3ONS (F53B Major)	9.61	1.8		ng/L	8.40		114	70-130			
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	8.10	1.8		ng/L	8.49		95.4	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	7.65	1.8		ng/L	9.01		84.9	70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	9.24	1.8		ng/L	8.65		107	70-130			
Perfluorodecanoic acid (PFDA)	8.75	1.8		ng/L	9.01		97.1	70-130			
Perfluorododecanoic acid (PFDoA)	9.20	1.8		ng/L	9.01		102	70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.12	1.8		ng/L	8.02		114	70-130			
Perfluoroheptanesulfonic acid (PFHpS)	9.03	1.8		ng/L	8.60		105	70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	8.53	1.8		ng/L	8.42		101	70-130			
Perfluorohexanesulfonic acid (PFHxS)	8.43	1.8		ng/L	8.24		102	70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	10.5	1.8		ng/L	9.01		117	70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.54	1.8		ng/L	9.01		106	70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	8.25	1.8		ng/L	8.56		96.4	70-130			
Perfluoropetanesulfonic acid (PFPeS)	8.28	1.8		ng/L	8.47		97.8	70-130			
Perfluoroundecanoic acid (PFUnA)	9.74	1.8		ng/L	9.01		108	70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	9.05	1.8		ng/L	9.01		100	70-130			
Perfluoroheptanoic acid (PFHpA)	9.00	1.8		ng/L	9.01		99.8	70-130			
Perfluorooctanoic acid (PFOA)	9.85	1.8		ng/L	9.01		109	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 B309335 - EPA 533												
LCS (B309335-BS1)					Prepared: 05/26/22 Analyzed: 05/27/22							
Perfluorooctanesulfonic acid (PFOS)	9.68	1.8		ng/L	8.33		116		70-130			
Perfluorononanoic acid (PFNA)	9.35	1.8		ng/L	9.01		104		70-130			
Surrogate: M2-4:2FTS	*28.1*			ng/L	33.8		83.0		50-200			
Surrogate: M2-8:2FTS	*29.5*			ng/L	34.6		85.3		50-200			
Surrogate: MPFBA	*30.9*			ng/L	36.0		85.8		50-200			
Surrogate: M3HFPO-DA	*37.1*			ng/L	36.0		103		50-200			
Surrogate: M6PFDA	*31.1*			ng/L	36.0		86.3		50-200			
Surrogate: M3PFBS	*30.6*			ng/L	33.6		91.2		50-200			
Surrogate: M7PFUnA	*33.2*			ng/L	36.0		92.0		50-200			
Surrogate: M2-6:2FTS	*30.9*			ng/L	34.3		90.3		50-200			
Surrogate: M5PFPeA	*30.3*			ng/L	36.0		84.2		50-200			
Surrogate: M5PFHxA	*31.2*			ng/L	36.0		86.7		50-200			
Surrogate: M3PFHxS	*30.3*			ng/L	34.2		88.7		50-200			
Surrogate: M4PFHpA	*31.1*			ng/L	36.0		86.3		50-200			
Surrogate: M8PFOA	*30.5*			ng/L	36.0		84.6		50-200			
Surrogate: M8PFOS	*29.1*			ng/L	34.6		84.2		50-200			
Surrogate: M9PFNA	*30.9*			ng/L	36.0		85.6		50-200			
Surrogate: MPFDoA	*34.1*			ng/L	36.0		94.7		50-200			
Matrix Spike (B309335-MS1)		**Source: 22E1535-03RE1**			Prepared: 05/26/22 Analyzed: 05/27/22							
Perfluorobutanoic acid (PFBA)	10.0	1.9		ng/L	9.30	0.549	102		70-130			
Perfluorobutanesulfonic acid (PFBS)	8.08	1.9		ng/L	8.23	ND	98.2		70-130			
Perfluoropentanoic acid (PFPeA)	9.43	1.9		ng/L	9.30	ND	101		70-130			
Perfluorohexanoic acid (PFHxA)	9.14	1.9		ng/L	9.30	ND	98.3		70-130			
11Cl-PF3OUdS (F53B Minor)	10.0	1.9		ng/L	8.76	ND	115		70-130			
9Cl-PF3ONS (F53B Major)	9.66	1.9		ng/L	8.67	ND	111		70-130			
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	7.88	1.9		ng/L	8.76	ND	90.0		70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	7.08	1.9		ng/L	9.30	ND	76.1		70-130			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	8.84	1.9		ng/L	8.93	ND	99.0		70-130			
Perfluorodecanoic acid (PFDA)	8.60	1.9		ng/L	9.30	ND	92.4		70-130			
Perfluorododecanoic acid (PFDoA)	9.54	1.9		ng/L	9.30	ND	103		70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.70	1.9		ng/L	8.28	ND	117		70-130			
Perfluoroheptanesulfonic acid (PFHpS)	8.32	1.9		ng/L	8.88	ND	93.7		70-130			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	8.53	1.9		ng/L	8.70	ND	98.1		70-130			
Perfluorohexanesulfonic acid (PFHxS)	8.91	1.9		ng/L	8.51	ND	105		70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	10.3	1.9		ng/L	9.30	ND	110		70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.57	1.9		ng/L	9.30	ND	103		70-130			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	8.47	1.9		ng/L	8.84	ND	95.9		70-130			
Perfluoropetanesulfonic acid (PFPeS)	8.89	1.9		ng/L	8.74	ND	102		70-130			
Perfluoroundecanoic acid (PFUnA)	9.99	1.9		ng/L	9.30	ND	107		70-130			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	8.64	1.9		ng/L	9.30	ND	92.9		70-130			
Perfluoroheptanoic acid (PFHpA)	9.15	1.9		ng/L	9.30	ND	98.4		70-130			
Perfluorooctanoic acid (PFOA)	9.82	1.9		ng/L	9.30	ND	106		70-130			
Perfluorooctanesulfonic acid (PFOS)	8.86	1.9		ng/L	8.60	ND	103		70-130			
Perfluorononanoic acid (PFNA)	9.22	1.9		ng/L	9.30	ND	99.1		70-130			
Surrogate: M2-4:2FTS	*14.7*			ng/L	34.9		**42.1**	*	50-200			PF-18
Surrogate: M2-8:2FTS	*18.6*			ng/L	35.7		52.1		50-200			
Surrogate: MPFBA	*26.7*			ng/L	37.2		71.9		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 B309335 - EPA 533												
Matrix Spike (B309335-MS1)	**Source: 22E1535-03RE1**				Prepared: 05/26/22 Analyzed: 05/27/22							
Surrogate: M3HFPO-DA	*33.0*			ng/L	37.2		88.7		50-200			
Surrogate: M6PFDA	*29.6*			ng/L	37.2		79.5		50-200			
Surrogate: M3PFBS	*27.4*			ng/L	34.7		78.9		50-200			
Surrogate: M7PFUnA	*31.7*			ng/L	37.2		85.2		50-200			
Surrogate: M2-6:2FTS	*18.8*			ng/L	35.4		53.2		50-200			
Surrogate: M5PFPeA	*27.0*			ng/L	37.2		72.5		50-200			
Surrogate: M5PFHxA	*29.4*			ng/L	37.2		79.1		50-200			
Surrogate: M3PFHxS	*26.8*			ng/L	35.3		75.9		50-200			
Surrogate: M4PFHpA	*30.1*			ng/L	37.2		80.9		50-200			
Surrogate: M8PFOA	*29.1*			ng/L	37.2		78.3		50-200			
Surrogate: M8PFOS	*27.6*			ng/L	35.7		77.5		50-200			
Surrogate: M9PFNA	*30.4*			ng/L	37.2		81.7		50-200			
Surrogate: MPFDoA	*32.2*			ng/L	37.2		86.6		50-200			
Matrix Spike Dup (B309335-MSD1)	**Source: 22E1535-03RE1**				Prepared: 05/26/22 Analyzed: 05/27/22							
Perfluorobutanoic acid (PFBA)	10.3	1.9		ng/L	9.55	0.549	102		70-130	2.94	30	
Perfluorobutanesulfonic acid (PFBS)	8.32	1.9		ng/L	8.45	ND	98.5		70-130	2.94	30	
Perfluoropentanoic acid (PFPeA)	9.64	1.9		ng/L	9.55	ND	101		70-130	2.21	30	
Perfluorohexanoic acid (PFHxA)	9.26	1.9		ng/L	9.55	ND	97.0		70-130	1.30	30	
11Cl-PF3OUdS (F53B Minor)	9.97	1.9		ng/L	8.99	ND	111		70-130	0.792	30	
9Cl-PF3ONS (F53B Major)	9.95	1.9		ng/L	8.90	ND	112		70-130	2.96	30	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	8.18	1.9		ng/L	8.99	ND	90.9		70-130	3.65	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	7.03	1.9		ng/L	9.55	ND	73.6		70-130	0.760	30	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	8.37	1.9		ng/L	9.16	ND	91.4		70-130	5.44	30	
Perfluorodecanoic acid (PFDA)	9.11	1.9		ng/L	9.55	ND	95.4		70-130	5.78	30	
Perfluorododecanoic acid (PFDoA)	9.38	1.9		ng/L	9.55	ND	98.2		70-130	1.75	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.71	1.9		ng/L	8.50	ND	114		70-130	0.104	30	
Perfluoroheptanesulfonic acid (PFHpS)	9.60	1.9		ng/L	9.12	ND	105		70-130	14.2	30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	8.60	1.9		ng/L	8.93	ND	96.4		70-130	0.821	30	
Perfluorohexanesulfonic acid (PFHxS)	8.78	1.9		ng/L	8.73	ND	101		70-130	1.46	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	10.6	1.9		ng/L	9.55	ND	111		70-130	2.76	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	9.94	1.9		ng/L	9.55	ND	104		70-130	3.88	30	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	8.20	1.9		ng/L	9.07	ND	90.4		70-130	3.32	30	
Perfluoropetanesulfonic acid (PFPeS)	8.86	1.9		ng/L	8.97	ND	98.7		70-130	0.305	30	
Perfluoroundecanoic acid (PFUnA)	10.3	1.9		ng/L	9.55	ND	107		70-130	2.70	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	9.05	1.9		ng/L	9.55	ND	94.8		70-130	4.63	30	
Perfluoroheptanoic acid (PFHpA)	9.48	1.9		ng/L	9.55	ND	99.3		70-130	3.53	30	
Perfluorooctanoic acid (PFOA)	9.83	1.9		ng/L	9.55	ND	103		70-130	0.102	30	
Perfluorooctanesulfonic acid (PFOS)	9.11	1.9		ng/L	8.83	ND	103		70-130	2.81	30	
Perfluorononanoic acid (PFNA)	9.54	1.9		ng/L	9.55	ND	99.9		70-130	3.39	30	
Surrogate: M2-4:2FTS	*16.0*			ng/L	35.8		**44.7**	*	50-200			PF-18
Surrogate: M2-8:2FTS	*21.5*			ng/L	36.7		58.7		50-200			
Surrogate: MPFBA	*32.3*			ng/L	38.2		84.7		50-200			
Surrogate: M3HFPO-DA	*39.0*			ng/L	38.2		102		50-200			
Surrogate: M6PFDA	*31.4*			ng/L	38.2		82.3		50-200			
Surrogate: M3PFBS	*30.4*			ng/L	35.6		85.3		50-200			
Surrogate: M7PFUnA	*33.8*			ng/L	38.2		88.5		50-200			
Surrogate: M2-6:2FTS	*20.8*			ng/L	36.3		57.2		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 B309335 - EPA 533											
Matrix Spike Dup (B309335-MSD1)		**Source: 22E1535-03RE1**			Prepared: 05/26/22 Analyzed: 05/27/22						
Surrogate: M5PFPeA	*31.7*			ng/L	38.2		83.0	50-200			
Surrogate: M5PFHxA	*33.5*			ng/L	38.2		87.8	50-200			
Surrogate: M3PFHxS	*30.1*			ng/L	36.2		83.2	50-200			
Surrogate: M4PFHpA	*33.3*			ng/L	38.2		87.3	50-200			
Surrogate: M8PFOA	*32.5*			ng/L	38.2		85.1	50-200			
Surrogate: M8PFOS	*30.0*			ng/L	36.6		81.9	50-200			
Surrogate: M9PFNA	*32.8*			ng/L	38.2		85.8	50-200			
Surrogate: MPFDoA	*35.5*			ng/L	38.2		92.8	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.
PF-18	Duplicate analysis confirmed Extracted Internal Standard failure due to matrix effects.
S-29	Extracted Internal Standard is outside of control limits.
Z-01	Duplicate extraction and analysis confirmed Extracted Internal Standard failure due to matrix effects. Both results reported.

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2024
MA	Massachusetts DEP	M-MA100	06/30/2022
CT	Connecticut Department of Publilc Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2023
NH-S	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	06/30/2022
FL	Florida Department of Health	E871027 NELAP	06/30/2022
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2022
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2022
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2022
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2022
NC-DW	North Carolina Department of Health	25703	07/31/2022
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2022
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2022

Pace Analytical®

Phone: 612-607-6400
Fax: 612-607-6344

https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

1800 Elm Street SE
Minneapolis, MN 55414

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22E1535

CHAIN OF CUSTODY RECORD (New York)

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

Company Name:	NYSDEC Central / PES
Address:	625 Broadway Albany, NY
Phone:	518-885-9359 (PES)
Project Name:	SANG - Install
Project Location:	Mount Airy Rd. New Windsor, NY
Project Number:	Spill: 336089
Project Manager:	Dave Chiusano (DEC) / Brian Neumann (PES)
Pace Analytical Quote Name/Number	
Invoice Recipient:	NYSDEC - Central
Sampled By:	Patrick Sokolowski

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: See Below
CLP Like Data Pkg Required: ☐
Email To: See Below
Fax To #:

ANALYSIS REQUESTED

Pace Analytical Work Order#	Client Sample ID / Description	~~Beginning~~ Date/~~Time~~	~~*Ending~~ Date/Time	Composite	Grab	*Matrix Code	Conc Code	30 PFAS Method 537	# of Containers	[2] Preservation Code	[3] Container Code
1	Raw Water	5/20/22	1315		X	DW		X			
2	Mid Point		1250								
3	Effluent		1225								
4	A-75		1300								
5	A-50		1305								
6	A-25		1310								
7	B-75		1240								
8	B-50		1245								
9	B-25		1250								
3	Effluent (MS)	↓	1230		↓	↓		↓			

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

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

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

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

Comments:
CC Report to Brian Neumann @ Precision (bneumann@pesnyinc.com)
*Cat B Deliverables

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

	Relinquished by: (signature)	Date/Time:
		5-20-22 / 15:08
	Received by: (signature)	Date/Time:
	PACE	5-20-22 15:08
	Relinquished by: (signature)	Date/Time:
	PACE	5-23-22 1430
	Received by: (signature)	Date/Time:
	PACE	5-23-22 1430
	Relinquished by: (signature)	Date/Time:
	PACE	5-23-22 1545
	Received by: (signature)	Date/Time:
		5/23/22 1545

3.0 5/23/22 1545

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

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22E1535

CHAIN OF CUSTODY RECORD (New York)

1800 Elm Street SE
Minneapolis, MN 55414

Page 2 of 2

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

Company Name:	NYSDEC - Central / PES
Address:	625 Broadway, Albany, NY
Phone:	518-402-4329 (PES #)
Project Name:	SANG - Krull
Project Location:	Mount Airy Rd, New Windsor, NY
Project Number:	Still: 336089
Project Manager:	Dave Chiusano (DEC) / Brian Neumann (PES)
Pace Analytical Quote Name/Number	
Invoice Recipient:	NYSDEC - Central
Sampled By:	Patricia Sokolowski

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

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1-Day ☐ 3-Day ☐
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Data Delivery
Format: PDF ☐ EXCEL ☐
Other: See Below
CLP Like Data Pkg Required: ☐
Email To: See Below
Fax To #:

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PFAS Method 537	# of Containers	[2] Preservation Code	[3] Container Code
3	Effluent (MOD)	5/20/22	1235		X	DW			6	0	P
10	Duplicate	↓			↓	↓					

ANALYSIS REQUESTED

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

Comments:
CC Report to Brian Neumann @ Precision (bneumann@pesny.com)
*Cat B Deliverables

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ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time:	5-20-22/ 15:09
Received by: (signature)	Date/Time:	5-20-22 15:08
Relinquished by: (signature)	Date/Time:	5-23-22 1430
Received by: (signature)	Date/Time:	5-23-22 1430
Relinquished by: (signature)	Date/Time:	5-25-22/545
Received by: (signature)	Date/Time:	5/23/22 1545

3.0 5/23/22 1545

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

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

Pace

Pace

Doc# 277 Rev 5 2017

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 PES

Received By GR Date 5/23/22 Time 1545

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.0

By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? 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? _____

Is there enough Volume? T

Is there Headspace where applicable? NA MS/MSD? T

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? 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	36	4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		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: