Matthew M. Carroll, PE
1085 Sackett Avenue
Bronx, NY 10461

December 11, 2025

New York State Department of Environmental Conversation
Division of Environmental Remediation, Region 2
47- 40 21st Street
Long Island City, NY 11101

Attn: Yildiz Palumbo, Professional Engineer 1

Re: In-Situ Chemical Oxidation (ISCO) Design Document
2921 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203140

Dear Yildiz:

In accordance with the approved January 2025 Remedial Action Work Plan (RAWP) prepared by Matthew M. Carroll, PE for the above referenced property [herein referred to as "Site"], the proposed remedy included the completion of a pilot test to evaluate the potential full-scale use of in-situ chemical oxidation (ISCO) technology. As described below, the results of the pilot test indicate ISCO technology will be effective for treating groundwater on- and offsite. Implementation of ISCO involves introducing oxidants into the subsurface via injection in order to break down contaminants into less toxic compounds. A pilot test was completed to determine the most effective type of chemicals to be used and the associated quantity necessary to treat chlorinated volatile organic compounds (cVOCs) in groundwater on- and offsite.

Background

As documented in Tenen Environmental, LLC's (Tenen's) Remedial Investigation (RI) Report (RIR), cVOCs, specifically tetrachloroethene (PCE) and its breakdown products, trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC), were detected in the groundwater above their respective Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations – Class GA (Class GA Standard) across the Site and are migrating offsite to the north/northeast (downgradient of the Site). Chlorinated solvent concentrations in groundwater are consistent with former Site operations (dry cleaning) and suspected releases.

The results of the groundwater sampling conducted during the RI in 2021 and 2022 indicated that the highest concentrations of PCE, TCE, cis-1,2-DCE, and VC were detected in offsite monitoring well MW-5 (see Figure 1). MW-5 is located in the basement of a tenant space adjoining the Site to the north, downgradient of the PCE soil source area. During the above referenced groundwater sampling, PCE was detected at a maximum concentration of 42,000 micrograms per liter (µg/L); TCE was detected at a maximum concentration of 4,000 µg/L; cis-1,2-DCE was detected at a maximum concentration of 15,000 µg/L; and, VC was detected at a maximum concentration of 1,900 µg/L, all exceeding their respective Class GA standard of 5 µg/L for PCE, TCE, and cis-1,2-DCE and 2 µg/L for VC. cVOC concentrations in groundwater samples collected during the RI are shown in Figure 1. An isopleth showing the concentration gradients of PCE across the Site and offsite is provided in Figure 2.

Pilot Test

The objective of the pilot test was to gain information sufficient to define the conditions needed to support an evaluation of the feasibility and long-term effectiveness of cVOC treatment using ISCO technology. The pilot test provided Site-specific data that assisted in determining the injection areas, type of chemical(s); volume and concentration of the chemical(s); and lateral spacing for injection points.

The pilot test was completed on March 12, 2025 and included one round of baseline groundwater sampling for VOCs and per- and polyfluoroalkyl substances (PFAS) at the Site (see Figure 3 for baseline and post-remedial sample locations). In additional to VOC and PFAS analysis, groundwater from monitoring wells, MW-3 (onsite) and MW-5 (offsite and downgradient) was analyzed for aquifer characteristics. These locations contained the highest cVOC concentrations during the most recent sampling events as discussed above (see Figure 3). Groundwater samples were analyzed by York Analytical of Richmond Hill, New York (York). Given the lithology of the Site, soil oxidant demand was estimated based on soil type.

The results of the pilot test indicated that in-situ chemical oxidation (ISCO) will effectively treat the cVOCs in groundwater, as proposed in the January 2025 RAWP. Baseline sampling indicated that PCE and TCE were detected at lower concentrations when compared to the sampling conducted during the RI in 2021/2022. Notably, the concentrations of PCE detected in MW-3 MW-5 were one order of magnitude lower than what was detected during the RI. TCE and cis-1,2-DCE concentrations in MW-3 also decreased slightly when compared to the sampling conducted during the RI; however, TCE and cis-1,2-DCE concentrations increased in MW-5. Additionally, PCE, TCE, and cis-1,2-DCE were previously detected in exceedance of their respective Class GA Standards in MW-8 during the RI, but were detected below Class GA Standards during the baseline sampling. MW-8 is the furthest offsite and downgradient monitoring well from the Site, located in the western sidewalk of Westchester Avenue. VC was detected slightly in exceedance of its Class GA Standard in onsite monitoring well MW-3 during the RI and was detected at a concentration below its Class GA Standard during the baseline sampling event. VC was detected at a similar concentration, remaining in exceedance of its Class GA Standard when compared to the sampling conducted during the RI in monitoring well MW-5. The highest concentrations of all cVOCs detected during the baseline sampling event were detected in offsite and downgradient monitoring well MW-5. PCE was detected at a maximum concentration of 7,800 µg/L; TCE was detected at a maximum concentration of 5,540 µg/L; cis-1,2-DCE was detected at a maximum concentration of 28,900 µg/L; and, VC was detected at a maximum concentration of 665 µg/L. The baseline groundwater analytical results are presented in Tables 1 and 2 and depicted on Figure 3. The laboratory analytical results for the pilot test and baseline sampling are provided as Attachment 1.

ISCO Design

Given the results of the pilot test, the selected treatment approach will utilize PersulfOx. PersulfOx is an ISCO reagent that destroys organic contaminants found in groundwater and soil through powerful, yet controlled, chemical reactions. Contaminant destruction is achieved through both direct and radical oxidation. A sodium persulfate-based technology, PersulfOx employs a patented self-contained, amorphous silica catalyst to enhance the oxidative destruction of both hydrocarbons and chlorinated contaminants in the subsurface. The silica catalyst possesses a large surface area which traps contaminants and allows a surface for chemical oxidation to occur. Also, present on the surface of the catalyst are silanol function groups which

react with the hydrogen ions produced during radical formation, allowing radical formation to proceed. Manufacturer specification sheets for PersulfOx are included in Attachment 2.

The proposed groundwater treatment will include the advancement of permanent injection points throughout the Site basement and the north adjoining basement, downgradient of the Site (see Figure 4). The proposed treatment area was selected to target the source area and area of highest cVOC concentrations as determined during the RI and baseline sampling. The total proposed treatment area is approximately 2,050 square feet (SF). Target injection depths will be from directly below the slab to bedrock [approximately three to four feet below grade (ft-bg)] to account for back pressure.

The Site basement and overlying tenant space is currently vacant, and the north adjoining basement and overlying tenant space is currently occupied by a Boost Mobile retail store. The Boost Mobile rarely utilizes the basement space, and the basement space will be sealed off from the first floor level of this tenant space during installation of injection wells and application of chemical injections. Proper ventilation from the work zone in the basement to the exterior will be provided via Bilco doors which connect from the northwestern corner of the Site basement to the eastern sidewalk of Pilgrim Avenue. The Bilco doors will remain open during all work conducted in the basement. Temporary flexible ducting will be utilized as necessary to ensure that exhaust from any tools utilized for the installation of injection wells or application of injections is directed to the exterior.

The injection area will include two applications of approximately 1,102 pounds of PersulfOx per application (total of 2,204 pounds of PersulfOx). The PersulfOx will be mixed with water to create a 10% PersulfOx solution. At each of the 60 injection points, approximately 21 gallons of 10% PersulfOx solution (approximately 18.3 pounds of PersulfOx) will be applied during both application events. The total application volume is approximately 2,487 gallons. The ROI of each injection point is approximately 4.5 ft. The second PersulfOx application will occur approximately six weeks after the first application. If necessary, based on the results of the post-remedial groundwater monitoring (i.e., if dechlorination of the groundwater stalls and the groundwater quality does not show improvement), a third round of injections will be applied. The treatment area and proposed injection wells are shown in Figure 4. The design summary sheet is included in Attachment 3.

Hand tools will be used to install the permanent injection points in the proposed treatment area in the Site basement and northern adjoining basement. At each sample location, access to the sub-slab soil will be achieved by either saw-cutting or coring the slab. Following removal of the concrete, a hand auger will be utilized to remove soil to bedrock (approximately three to four ft-bg). All soil/fill and concrete debris removed for the installation of injection wells will be containerized in 55-gallon drums for offsite disposal.

Permanent injection wells will be constructed with two-inch inner diameter (ID) PVC. Following removal of soil at each location with a hand auger, a PVC screen (0.020-inch slot) will be installed extending from directly below the basement slab to bedrock (approximately three to four ft-bg). The annular space around the circumference of the wells will be a minimum of two inches. A filter pack of sand will be placed in the annular space around the screen of the injection wells and will extend to the bottom of the basement slab. Upon completion of the well, a locking well cap will be installed atop the PVC riser and a steel flush-mount cap will be set in the basement slab.

PersulfOx is an oxidizer, the storage and handling of which will be in accordance with C-42 Certificate of Fitness permit requirements. Modified Level D-2 PPE will be worn by all personnel handling and mixing the PersulfOx. The safety data sheet (SDS) for PersulfOx is included in Attachment 2 and will also be maintained onsite. While not in use, the PersulfOx will be staged either within the Site basement or the first floor level of the Site tenant space (wherever space permits), both of which are vacant and will only be accessible by Tenen and its subcontractor(s). Potential impacts from various exposure routes will be mitigated through the implementation of a Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) as included in Appendices A and B of the approved RAWP, respectively. Soil and material management will be conducted in compliance with the Soils/Materials Management Plan (S/MMP) included as Appendix C of the approved RAWP.

The application of chemical injection is considered a Class V Well under the Environmental Protection Agency (EPA) Underground Injection Control (UIC) Program. Class V Wells are "used to inject non-hazardous fluids underground." EPA must be notified of the construction, operation and decommissioning of a Class V injection well. The notification will be submitted to the EPA using the inventory form referenced in 40 CFR 144.26.

Conclusions

ISCO is a viable alternative for remediation of cVOCs in groundwater at the Site and offsite. The type of chemicals, volumes and concentrations of the solutions have been designed to limit the potential for rebound of chemical concentrations following injections. PersulfOx will be applied across the entire treatment area to promote rapid reduction of chlorinated solvent concentrations. A proposed schedule for implementation of ISCO injections is included as Table 3.

Post-remedial groundwater monitoring will be completed in accordance with the approved RAWP, which will be incorporated into a Site Management Plan (SMP) for long term management of residual contamination. Post-remedial groundwater sampling will occur approximately three months after the conclusion of the injection program and will continue quarterly for a minimum of two quarters or maximum of five years (i.e., 20 quarters). If the results of the post-remedial groundwater monitoring indicate dechlorination of the groundwater has stalled and the groundwater quality does not show improvement, additional rounds of injections will be applied and groundwater monitoring will continue. Post-remedial sampling timeframes are contingent on the efficacy of the remedy and can only be terminated upon approval by NYSDEC.

I, Matthew M. Carroll, certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Remedial Design was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

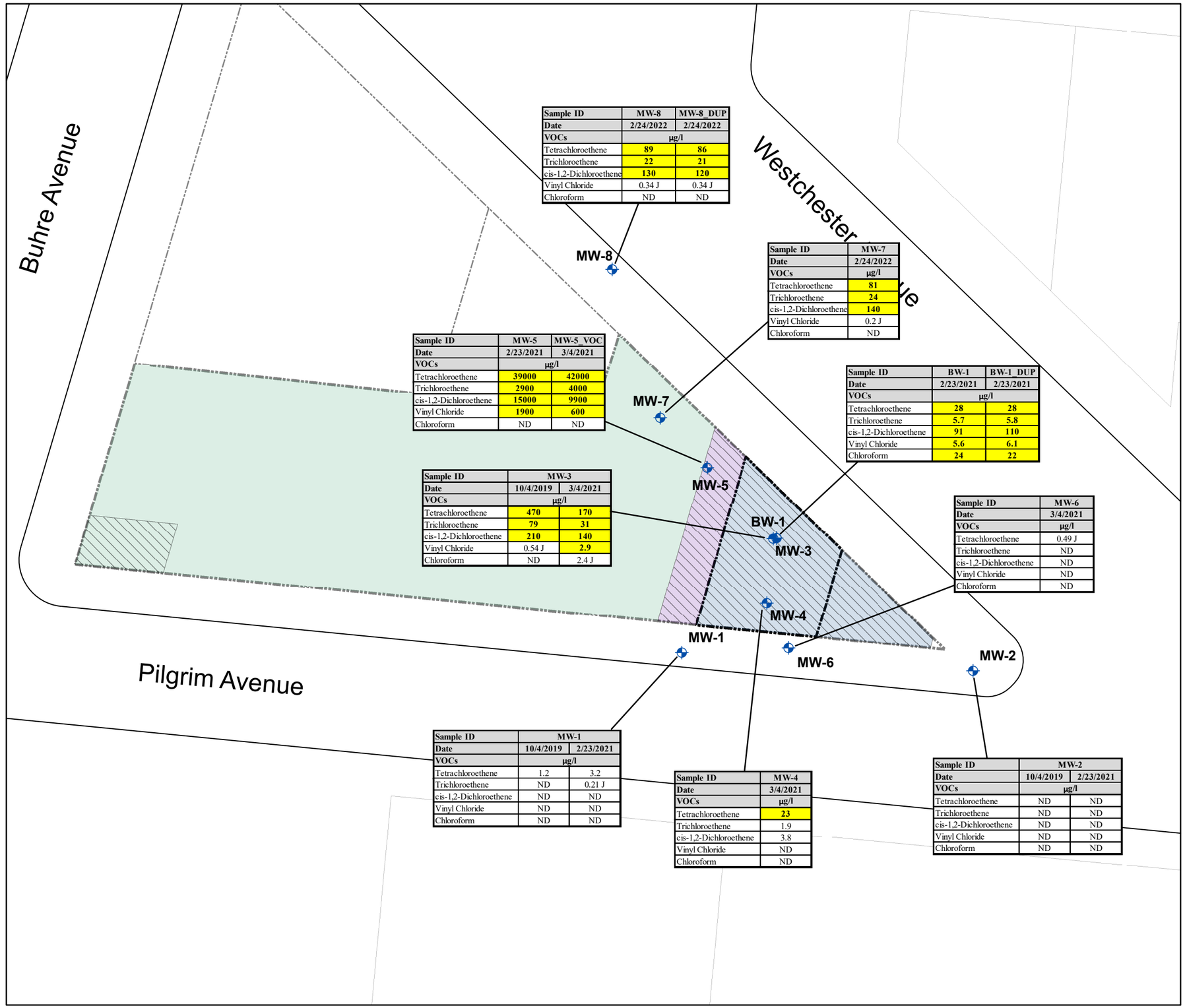
Please contact us if you require any additional information.

Sincerely,

Matthew Carroll, P.E.

Principal / Environmental Engineer

Figures



Sample ID	MW-8	MW-8_DUP
Date	2/24/2022	2/24/2022
VOCs	µg/l	
Tetrachloroethene	89	86
Trichloroethene	22	21
cis-1,2-Dichloroethene	130	120
Vinyl Chloride	0.34 J	0.34 J
Chloroform	ND	ND

Sample ID	MW-7
Date	2/24/2022
VOCs	µg/l
Tetrachloroethene	81
Trichloroethene	24
cis-1,2-Dichloroethene	140
Vinyl Chloride	0.2 J
Chloroform	ND

Sample ID	MW-5	MW-5_VOC
Date	2/23/2021	3/4/2021
VOCs	µg/l	
Tetrachloroethene	39000	42000
Trichloroethene	2900	4000
cis-1,2-Dichloroethene	15000	9900
Vinyl Chloride	1900	600
Chloroform	ND	ND

Sample ID	BW-1	BW-1_DUP
Date	2/23/2021	2/23/2021
VOCs	µg/l	
Tetrachloroethene	28	28
Trichloroethene	5.7	5.8
cis-1,2-Dichloroethene	91	110
Vinyl Chloride	5.6	6.1
Chloroform	24	22

Sample ID	MW-3	
Date	10/4/2019	3/4/2021
VOCs	µg/l	
Tetrachloroethene	470	170
Trichloroethene	79	31
cis-1,2-Dichloroethene	210	140
Vinyl Chloride	0.54 J	2.9
Chloroform	ND	2.4 J

Sample ID	MW-6
Date	3/4/2021
VOCs	µg/l
Tetrachloroethene	0.49 J
Trichloroethene	ND
cis-1,2-Dichloroethene	ND
Vinyl Chloride	ND
Chloroform	ND

Analyte	NY-AWQS
VOCs	µg/l
Tetrachloroethene	5
Trichloroethene	5
cis-1,2-Dichloroethene	5
Vinyl Chloride	2
Chloroform	7

Sample ID	MW-1	
Date	10/4/2019	2/23/2021
VOCs	µg/l	
Tetrachloroethene	1.2	3.2
Trichloroethene	ND	0.21 J
cis-1,2-Dichloroethene	ND	ND
Vinyl Chloride	ND	ND
Chloroform	ND	ND

Sample ID	MW-4
Date	3/4/2021
VOCs	µg/l
Tetrachloroethene	23
Trichloroethene	1.9
cis-1,2-Dichloroethene	3.8
Vinyl Chloride	ND
Chloroform	ND

Sample ID	MW-2	
Date	10/4/2019	2/23/2021
VOCs	µg/l	
Tetrachloroethene	ND	ND
Trichloroethene	ND	ND
cis-1,2-Dichloroethene	ND	ND
Vinyl Chloride	ND	ND
Chloroform	ND	ND

Notes:

1. **Bold and shaded yellow value indicates concentration exceeds NY-AWQS**
2. NY-AWQS = NYSDEC Division of Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS)
3. ND = Not detected
4. J = Estimated value

Legend

- RI Groundwater Sample Location (Tenen 2021)
- Cellar Spaces
- Site Boundary
- Tax Lot
- Home Store
- Boost Mobile
- Vacant Space

0 10 20 40 60 Feet

Site

2921 Westchester Avenue
Bronx, New York
Block 4164, Lot 5
BCP Site No. C203140

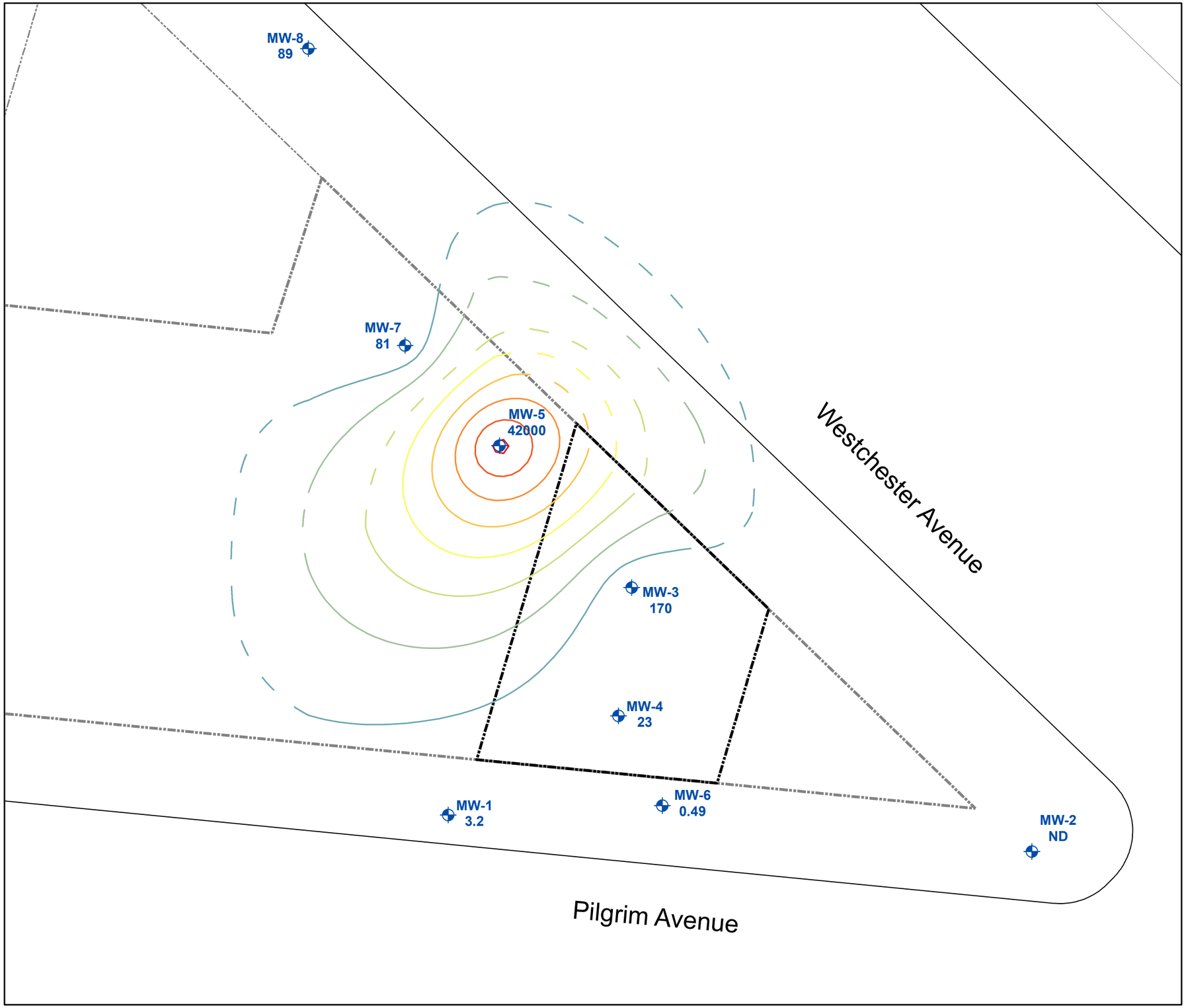
TENEN ENVIRONMENTAL

Tenen Environmental, LLC
121 West 27th Street
Suite 702
New York, NY 10001
O: (646) 606-2332
F: (646) 606-2379

Drawn By: LM
Checked By: AP
Date: July 2022
Scale: As Noted

Drawing Title: **RI Groundwater Analytical Results - cVOCs**

Drawing No: **Figure 1**



Legend

- Well Locations
- Tax Lot

ZLEVEL

- 0
- 5000
- 10000
- 15000
- 20000
- 25000
- 30000
- 35000
- 40000
- Site Boundary

PCE in Groundwater
ug/l

- 5000
- 10000
- 15000
- 20000
- 25000
- 30000
- 35000
- 40000

0 5 10 20 30 Feet

Site
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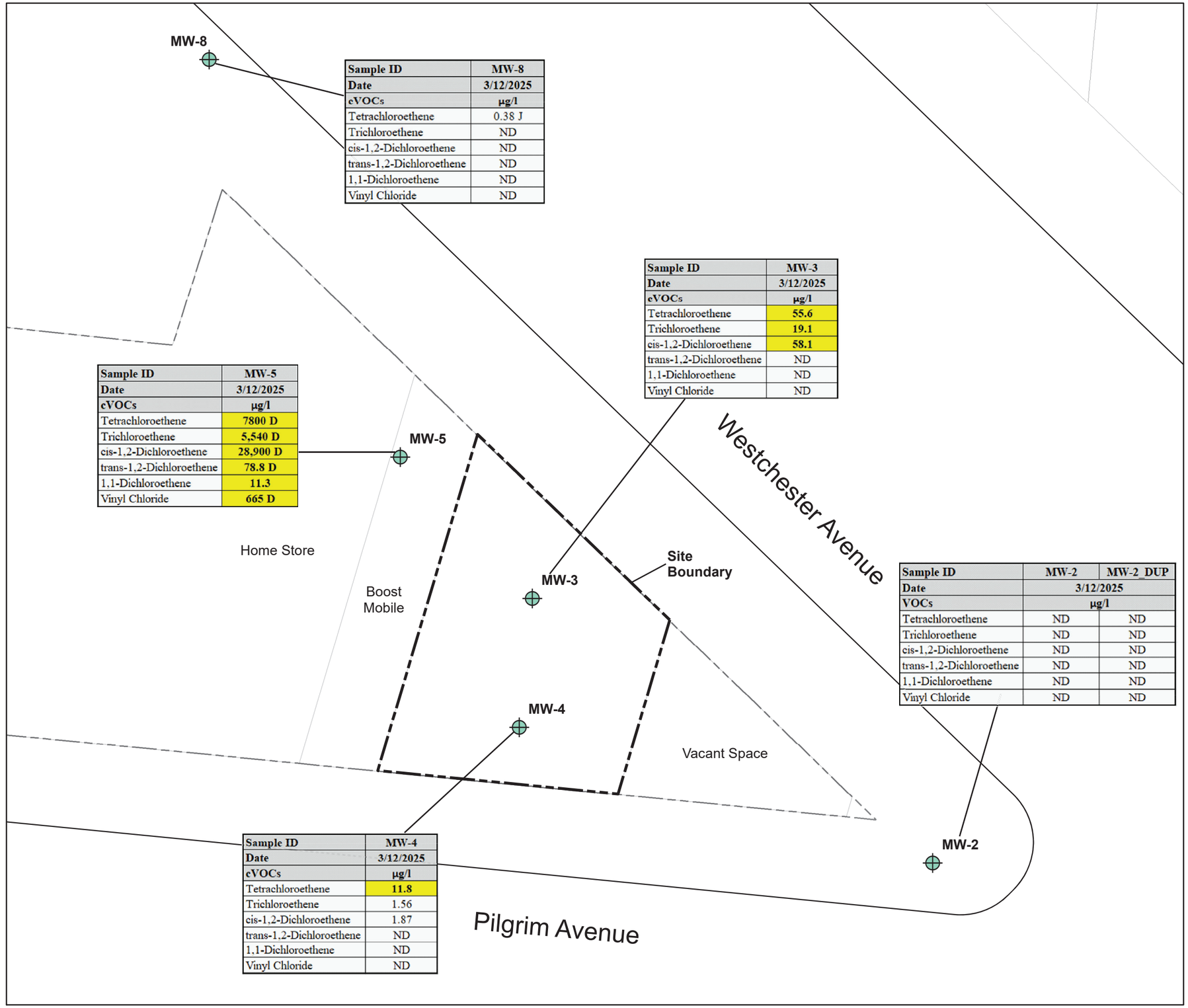
Drawn By	Checked By	Date	Scale
LM	AP	July 2022	As Noted

Drawing Title
PCE in Groundwater Isopleth

Drawing No
Figure 2



Sample ID	MW-8
Date	3/12/2025
cVOCs	µg/l
Tetrachloroethene	0.38 J
Trichloroethene	ND
cis-1,2-Dichloroethene	ND
trans-1,2-Dichloroethene	ND
1,1-Dichloroethene	ND
Vinyl Chloride	ND

Sample ID	MW-3
Date	3/12/2025
cVOCs	µg/l
Tetrachloroethene	**55.6**
Trichloroethene	**19.1**
cis-1,2-Dichloroethene	**58.1**
trans-1,2-Dichloroethene	ND
1,1-Dichloroethene	ND
Vinyl Chloride	ND

Sample ID	MW-5
Date	3/12/2025
cVOCs	µg/l
Tetrachloroethene	**7800 D**
Trichloroethene	**5,540 D**
cis-1,2-Dichloroethene	**28,900 D**
trans-1,2-Dichloroethene	**78.8 D**
1,1-Dichloroethene	**11.3**
Vinyl Chloride	**665 D**

Sample ID	MW-2	MW-2_DUP
Date	3/12/2025	
VOCs	µg/l	
Tetrachloroethene	ND	ND
Trichloroethene	ND	ND
cis-1,2-Dichloroethene	ND	ND
trans-1,2-Dichloroethene	ND	ND
1,1-Dichloroethene	ND	ND
Vinyl Chloride	ND	ND

Sample ID	MW-4
Date	3/12/2025
cVOCs	µg/l
Tetrachloroethene	**11.8**
Trichloroethene	1.56
cis-1,2-Dichloroethene	1.87
trans-1,2-Dichloroethene	ND
1,1-Dichloroethene	ND
Vinyl Chloride	ND

Analyte	NY-AWQS
cVOCs	µg/l
Tetrachloroethene	5
Trichloroethene	5
cis-1,2-Dichloroethene	5
trans-1,2-Dichloroethene	5
1,1-Dichloroethene	5
Vinyl Chloride	2

Notes:

1. **Bold and shaded yellow value indicates concentration exceeds NY-AWQS**
2. NY-AWQS = NYSDEC Division of Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS)
3. ND = Not detected
4. J = Estimated value
5. D = Diluted

Legend

- Baseline Groundwater Sample Location
- Site Boundary
- NYC Tax Lot

0 7.5 15 22.5 30 Feet

Site
2921 Westchester Avenue
Bronx, New York
Block 4164, Lot 5
BCP Site No. C203140

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Drawn By: LM
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Date: December 2022
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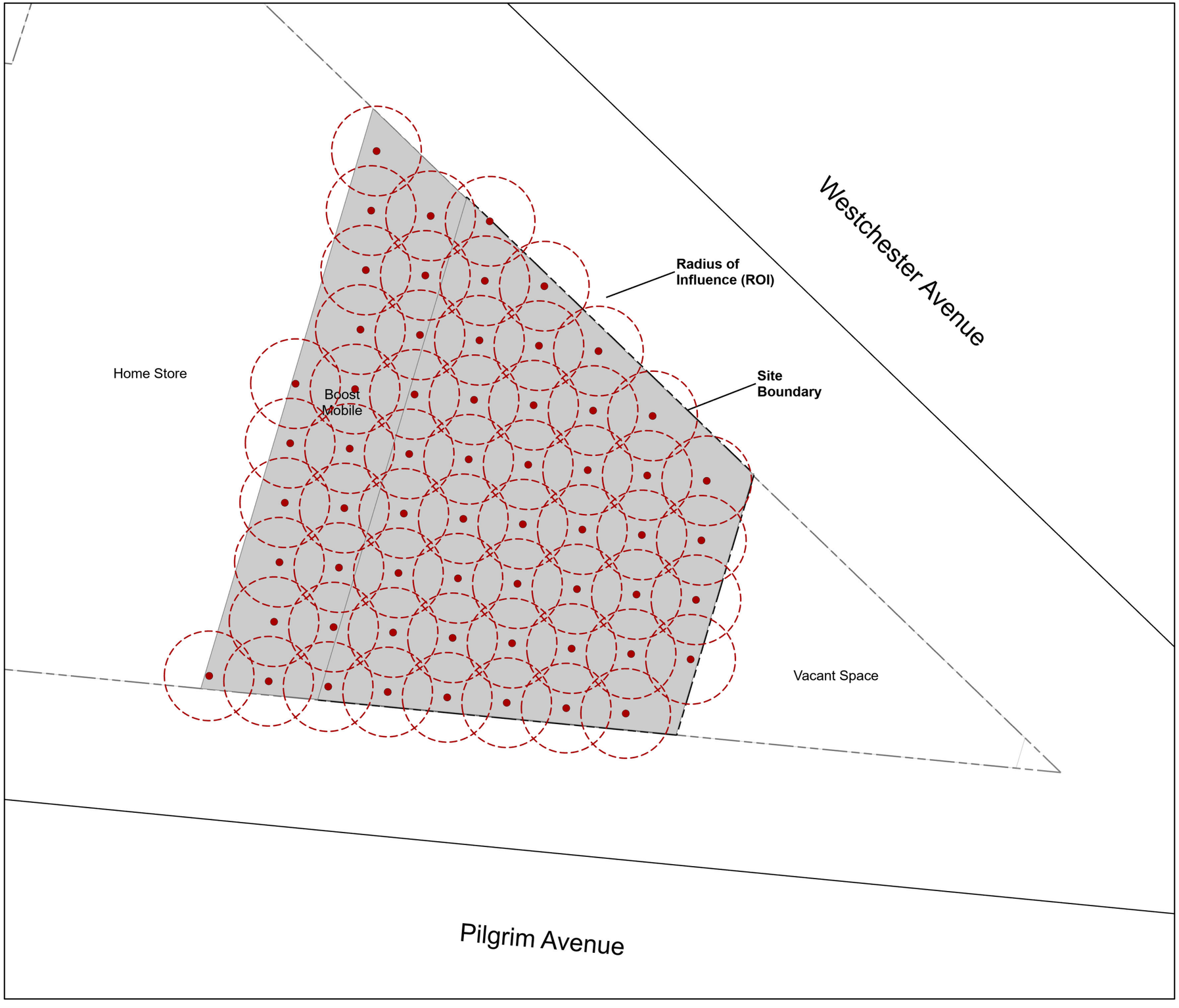
Drawing Title: **Baseline Groundwater Analytical Results - cVOCs**

Drawing No: **Figure 3**



Note:
Injection points are spaced 6-ft apart

Legend

- ISCO Injection Points
- Radius of Influence (ROI)
- ISCO Injection Area
- Site Boundary
- NYC Tax Lot

Feet
0 5 10 20

Site
2921 Westchester Avenue
Bronx, New York
Block 4164, Lot 5
BCP Site No. C203140

TENEN ENVIRONMENTAL
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Drawn By	Checked By	Date	Scale
LM	AP	October 2025	As Noted

Drawing Title
Propose Treatment Area and Injection Wells

Drawing No
Figure 4

Tables

Table 1. Volatile Organic Compounds in Baseline Groundwater Samples
2921 Westchester Avenue - Bronx, NY
BCP Site No. C203140

CLIENT SAMPLE ID	NY-AWQS	Units	MW-2	MW-2_DUP	MW-3	MW-4	MW-5	MW-8	FB	TB
SAMPLING DATE			3/12/2025	3/12/2025	3/12/2025	3/12/2025	3/12/2025	3/12/2025	3/12/2025	3/12/2025
LAB SAMPLE ID			25C0791-01	25C0791-02	25C0791-03	25C0791-04	25C0791-05	25C0791-06	25C0791-07	25C0791-08
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ug/l	ND	ND	ND	ND	**11.3**	ND	ND	ND
1,1-Dichloropropylene	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	NS	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.0006	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	0.35	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	50	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	50	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ug/l	ND	ND	ND	ND	2.28	ND	ND	ND
Acrolein	NS	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NS	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND	0.38 J	ND	ND	ND
Bromobenzene	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	50	ug/l	ND	ND	ND	0.32 J	ND	ND	ND	ND
Bromoform	50	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NS	ug/l	ND	ND	ND	ND	0.48 J	ND	ND	ND
Carbon tetrachloride	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ug/l	ND	ND	ND	ND	0.5	ND	ND	ND
Chloroform	7	ug/l	ND	ND	3.64	4.23	1.9	0.63	ND	ND
Chloromethane	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	ug/l	ND	ND	**58.1**	1.87	**28900 D**	ND	ND	ND
cis-1,3-Dichloropropylene	0.4	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	NS	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	NS	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	10	ug/l	ND	ND	ND	ND	ND	ND	ND	ND

Table 1. Volatile Organic Compounds in Baseline Groundwater Samples
2921 Westchester Avenue - Bronx, NY
BCP Site No. C203140

CLIENT SAMPLE ID	NY-AWQS	Units	MW-2		MW-2_DUP		MW-3		MW-4		MW-5		MW-8		FB		TB	
SAMPLING DATE			3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025	
LAB SAMPLE ID			25C0791-01		25C0791-02		25C0791-03		25C0791-04		25C0791-05		25C0791-06		25C0791-07		25C0791-08	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Volatile Organic Compounds																		
Methylcyclohexane	NS	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
Methylene chloride	5	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	10	ug/l	0.74	J	ND		ND		ND		0.3	J	0.38	JB	ND		0.28	J
n-Butylbenzene	5	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
n-Propylbenzene	5	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
o-Xylene	5	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
p- & m- Xylenes	NS	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
p-Isopropyltoluene	5	ug/l	ND		ND		ND		ND		0.65		ND		ND		ND	
sec-Butylbenzene	5	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
Styrene	5	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
tert-Butyl alcohol (TBA)	NS	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
tert-Butylbenzene	5	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethylene	5	ug/l	ND		ND		**55.6**		**11.8**		**7800**	**D**	0.38	J	ND		ND	
Toluene	5	ug/l	ND		ND		ND		ND		0.68		ND		ND		ND	
trans-1,2-Dichloroethylene	5	ug/l	ND		ND		ND		ND		**78.8**	**D**	ND		ND		ND	
trans-1,3-Dichloropropylene	0.4	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
Trichloroethylene	5	ug/l	ND		ND		**19.1**		1.56		**5540**	**D**	ND		ND		ND	
Trichlorofluoromethane	5	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
Vinyl acetate	NS	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	
Vinyl Chloride	2	ug/l	ND		ND		ND		ND		**665**	**D**	ND		ND		ND	
Xylenes, Total	5	ug/l	ND		ND		ND		ND		ND		ND		ND		ND	

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-AWQS

NY-AWQS = NYSDEC Technical and Operational Guidance Series (TOGS)
1.1.1 Class GA Ambient Water Quality Standards

J = Estimated value

ND = Not detected

NS = No standard

D = Diluted

B = Analyte found in the analysis batch blank

Table 2. Per- and Polyfluoroalkyl Substances in Baseline Groundwater Samples
2921 Westchester Avenue - Bronx, NY
BCP Site No. C203140

CLIENT SAMPLE ID	NY-AWQS	Units	MW-2		MW-2_DUP		MW-3		MW-4		MW-5		MW-8		FB	
SAMPLING DATE			3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025	
LAB SAMPLE ID			25C0791-01		25C0791-02		25C0791-03		25C0791-04		25C0791-05		25C0791-06		25C0791-07	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual
Per- and Polyfluoroalkyl Substances																
11CL-PF3OUdS	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
3-Perfluoroheptyl propanoic acid (FHpPA)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
3-Perfluoropentyl propanoic acid (FPePA)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
3-Perfluoropropyl propanoic acid (FPrPA)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
9CL-PF3ONS	NS	ng/l	ND		0.646	J	ND		ND		ND		ND		ND	
ADONA	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
HFPO-DA (Gen-X)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
N-EtFOSA	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
N-EtFOSAA	NS	ng/l	ND		ND		ND		ND		5.54		ND		ND	
N-EtFOSE	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
N-MeFOSA	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
N-MeFOSAA	NS	ng/l	ND		ND		ND		ND		5.74		ND		ND	
N-MeFOSE	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluoro-1-decanesulfonic acid (PFDS)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluoro-1-heptanesulfonic acid (PFHpS)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluoro-1-nonanesulfonic acid (PFNS)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluoro-1-octanesulfonamide (FOSA)	NS	ng/l	ND		ND		1.14	J	ND		ND		ND		ND	
Perfluoro-1-pentanesulfonate (PFPeS)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluoro-4-oxapentanoic acid (PFMPA)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluoro-5-oxahexanoic acid (PFMBA)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluorobutanesulfonic acid (PFBS)	NS	ng/l	2.33		2.14		8.21		16.4		12.5		ND		ND	
Perfluorodecanoic acid (PFDA)	NS	ng/l	1.37	J	1.99		17.3		0.995	J	1.3	J	42		ND	
Perfluorododecanesulfonic acid (PFDoS)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluorododecanoic acid (PFDoA)	NS	ng/l	ND		ND		ND		ND		ND		16.6	J	ND	
Perfluoroheptanoic acid (PFHpA)	NS	ng/l	3.92		4.08		29.2		12		21.7		12.8	J	ND	
Perfluorohexanesulfonic acid (PFHxS)	NS	ng/l	ND		ND		2.94		2.23		4.55		ND		ND	
Perfluorohexanoic acid (PFHxA)	NS	ng/l	9.86		9.46		26.9		21.9		20.2		18.6	J	ND	
Perfluoro-n-butanoic acid (PFBA)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluorononanoic acid (PFNA)	NS	ng/l	1.1	J	1.46	J	23.8		7.4		5.81		10	J	ND	
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/l	**5.67**		**5.15**		**31.2**		**14.8**		**36.6**		**21.4**		ND	
Perfluorooctanoic acid (PFOA)	6.7	ng/l	4.52		5.12		**119**		**25.2**		**69.5**		**39**		ND	
Perfluoropentanoic acid (PFPeA)	NS	ng/l	6.89		7.42		22		23.2		22.1		12.3	J	ND	
Perfluorotetradecanoic acid (PFTA)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluorotridecanoic acid (PFTrDA)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	
Perfluoroundecanoic acid (PFUnA)	NS	ng/l	ND		ND		ND		ND		ND		ND		ND	

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-AWQS

NY-AWQS = NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Class GA Ambient Water Quality Standards, with February 2023 revisions

J = Estimated value

ND = Not detected

NS = No standard

Table 3. Proposed ISCO Implementation Schedule
2921 Westchester Avenue - Bronx, NY
BCP Site #C203140

Task	Task Description	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26
1	Order and Receive Chemicals for Injections (PersulfOx)												
2	Mobilization to the Site by Tenen and AARCO												
3	Installation of Permanent Injection Wells												
4	Application of First Round of Chemical Injections												
5	Application of Second Round of Chemical Injections												
6	Collect First Round of Post-Remedial Groundwater Samples												
7	Analysis of First Round of Post-Remedial Groundwater Samples												
8	Prepare DUSRs and EDDs for First Round of Post-Remedial Groundwater Samples												
9	Collect Second Round of Post-Remedial Groundwater Samples												
10	Analysis of Second Round of Post-Remedial Groundwater Samples												
11	Prepare DUSRs and EDDs for Second Round of Post-Remedial Groundwater Samples												

Key Map	
	Fieldwork
	Lab Analysis/Validation/EDDs
	Report Writing
	Agencies Review
	Agency Acceptance
	Chemical Order & Delivery

Note: PersulfOx will be ordered and delivery arranged following approval of the ISCO Design Document by NYSDEC and while excavation for the soil remedy in the RAWP is implemented onsite. Application of chemical injections will not occur before excavation of the PCE hotspot occurs onsite.

Attachment 1: Pilot Test and Baseline Sampling Laboratory Deliverables and DUSRs

Technical Report

prepared for:

Tenen Environmental
121 W 27th Street, Suite 303
New York NY, 10001
Attention: Ashley Platt

Report Date: 03/18/2025
Client Project ID: 2921 Westchester Ave
York Project (SDG) No.: 25C0780

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 03/18/2025
Client Project ID: 2921 Westchester Ave
York Project (SDG) No.: 25C0780

Tenen Environmental
121 W 27th Street, Suite 303
New York NY, 10001
Attention: Ashley Platt

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 12, 2025 and listed below. The project was identified as your project: **2921 Westchester Ave**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25C0780-01	MW-3	Ground Water	03/12/2025	03/12/2025
25C0780-02	MW-5	Ground Water	03/12/2025	03/12/2025

General Notes for York Project (SDG) No.: 25C0780

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 03/18/2025

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25C0780-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0780	2921 Westchester Ave	Ground Water	March 12, 2025 12:30 pm	03/12/2025

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace Certifications:	03/13/2025 10:55	03/14/2025 11:15	GXB
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	03/13/2025 10:55	03/14/2025 11:15	GXB
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	03/13/2025 10:55	03/14/2025 11:15	GXB

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.524**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	03/17/2025 08:44	03/17/2025 14:37	AGNR

Chloride

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16887-00-6	**Chloride**	**232**		mg/L	6.90	50.0	100	EPA 300.0 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	03/15/2025 01:11	03/15/2025 01:11	DNP

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**1.82**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04	03/13/2025 01:31	03/13/2025 01:31	DNP

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440	03/13/2025 01:31	03/13/2025 01:31	DNP

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**114**		mg/L	100	100	EPA 300.0 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04	03/15/2025 01:11	03/15/2025 01:11	DNP

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25C0780-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0780	2921 Westchester Ave	Ground Water	March 12, 2025 12:30 pm	03/12/2025

Alkalinity, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14807-96-6	**Alkalinity, total**	**170**		mg/L	2.0	1	SM 2320B	03/13/2025 07:03	03/13/2025 15:24	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Chemical Oxygen Demand (COD)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
COD	**Chemical Oxygen Demand (COD)**	**32**		mg/L	10	1	SM 5220 D	03/14/2025 08:10	03/14/2025 12:55	STW
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Ferric Iron

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Ferric Iron**	**0.524**		mg/L	0.200	1	HACH	03/17/2025 15:16	03/17/2025 15:16	AD
							Certifications:			

Ferrous Iron

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	* Ferrous Iron	ND		mg/L	0.200	1	HACH	03/13/2025 11:45	03/13/2025 13:10	AD
							Certifications:			

Sulfide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	03/17/2025 15:00	03/18/2025 16:25	SL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Organic Carbon

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TOC	**Total Organic Carbon (TOC)**	**2.03**		mg/L	1.00	1	SM 5310B-2014	03/13/2025 08:34	03/13/2025 16:03	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25C0780-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0780	2921 Westchester Ave	Ground Water	March 12, 2025 11:20 am	03/12/2025

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25C0780-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0780	2921 Westchester Ave	Ground Water	March 12, 2025 11:20 am	03/12/2025

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace Certifications:	03/13/2025 10:55	03/14/2025 11:24	GXB
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	03/13/2025 10:55	03/14/2025 11:24	GXB
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	03/13/2025 10:55	03/14/2025 11:24	GXB

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.09**		mg/L	0.278	1	EPA 6010D Certifications:	03/17/2025 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	03/17/2025 14:38	AGNR

Chloride

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16887-00-6	**Chloride**	**477**		mg/L	6.90	50.0	100	EPA 300.0 Certifications:	03/15/2025 01:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	03/15/2025 01:22	DNP

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0 Certifications:	03/13/2025 01:23 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	03/13/2025 01:23	DNP

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0 Certifications:	03/13/2025 01:23 NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440	03/13/2025 01:23	DNP

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**175**		mg/L	100	100	EPA 300.0 Certifications:	03/15/2025 01:22 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04	03/15/2025 01:22	DNP

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25C0780-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0780	2921 Westchester Ave	Ground Water	March 12, 2025 11:20 am	03/12/2025

Alkalinity, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14807-96-6	**Alkalinity, total**	**200**		mg/L	2.0	1	SM 2320B	03/13/2025 07:03	03/13/2025 15:24	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Chemical Oxygen Demand (COD)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
COD	**Chemical Oxygen Demand (COD)**	**69**		mg/L	10	1	SM 5220 D	03/14/2025 08:10	03/14/2025 12:55	STW
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Ferric Iron

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Ferric Iron**	**1.09**		mg/L	0.200	1	HACH	03/17/2025 15:16	03/17/2025 15:16	AD
							Certifications:			

Ferrous Iron

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	* Ferrous Iron	ND		mg/L	0.200	1	HACH	03/13/2025 11:45	03/13/2025 13:10	AD
							Certifications:			

Sulfide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	03/17/2025 15:00	03/18/2025 16:25	SL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Organic Carbon

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TOC	**Total Organic Carbon (TOC)**	**5.00**		mg/L	1.00	1	SM 5310B-2014	03/13/2025 08:34	03/13/2025 16:03	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Analytical Batch Summary

Batch ID: BC50929 **Preparation Method:** Analysis Preparation **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25C0780-01	MW-3	03/13/25
25C0780-02	MW-5	03/13/25
BC50929-DUP1	Duplicate	03/13/25
BC50929-SRM1	Reference	03/13/25

Batch ID: BC50948 **Preparation Method:** Analysis Preparation **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25C0780-01	MW-3	03/13/25
25C0780-02	MW-5	03/13/25
BC50948-BLK1	Blank	03/13/25
BC50948-BS1	LCS	03/13/25

Batch ID: BC50987 **Preparation Method:** Preparation for GC Analysis **Prepared By:** GXB

YORK Sample ID	Client Sample ID	Preparation Date
25C0780-01	MW-3	03/13/25
25C0780-02	MW-5	03/13/25
BC50987-BLK1	Blank	03/13/25
BC50987-DUP1	Duplicate	03/13/25

Batch ID: BC50993 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
25C0780-01	MW-3	03/13/25
25C0780-02	MW-5	03/13/25
BC50993-BLK1	Blank	03/13/25
BC50993-DUP1	Duplicate	03/13/25

Batch ID: BC51020 **Preparation Method:** EPA 300 **Prepared By:** DNP

YORK Sample ID	Client Sample ID	Preparation Date
25C0780-01	MW-3	03/13/25
25C0780-02	MW-5	03/13/25
BC51020-BLK1	Blank	03/12/25
BC51020-BS1	LCS	03/12/25

Batch ID: BC51059 **Preparation Method:** Analysis Preparation **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25C0780-01	MW-3	03/14/25
25C0780-02	MW-5	03/14/25

BC51059-BLK1	Blank	03/14/25
BC51059-BS1	LCS	03/14/25

Batch ID: BC51189 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25C0780-01	MW-3	03/17/25
25C0780-02	MW-5	03/17/25
BC51189-BLK1	Blank	03/17/25
BC51189-BS1	LCS	03/17/25
BC51189-DUP1	Duplicate	03/17/25
BC51189-MS1	Matrix Spike	03/17/25
BC51189-PS1	Post Spike	03/17/25

Batch ID: BC51238 **Preparation Method:** EPA 300 **Prepared By:** DNP

YORK Sample ID	Client Sample ID	Preparation Date
25C0780-01	MW-3	03/15/25
25C0780-02	MW-5	03/15/25
BC51238-BLK1	Blank	03/14/25
BC51238-BS1	LCS	03/14/25

Batch ID: BC51245 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25C0780-01	MW-3	03/17/25
25C0780-02	MW-5	03/17/25
BC51245-BLK1	Blank	03/17/25
BC51245-BS1	LCS	03/17/25

Batch ID: BC51253 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
25C0780-01	MW-3	03/17/25
25C0780-02	MW-5	03/17/25

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC50987 - Preparation for GC Analysis											
Blank (BC50987-BLK1)									Prepared: 03/13/2025 Analyzed: 03/14/2025		
Methane	ND	10	ug/L								
Ethane	ND	10	"								
Ethylene (Ethene)	ND	10	"								
Duplicate (BC50987-DUP1)	*Source sample: 25C0780-02 (MW-5)								Prepared: 03/13/2025 Analyzed: 03/14/2025		
Methane	ND	10	ug/L		ND					35	
Ethane	ND	10	"		ND					35	
Ethylene (Ethene)	ND	10	"		ND					35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51189 - EPA 3015A											
Blank (BC51189-BLK1)								Prepared & Analyzed: 03/17/2025			
Iron	ND	0.278	mg/L								
LCS (BC51189-BS1)								Prepared & Analyzed: 03/17/2025			
Iron	1.02		ug/mL	1.00		102	80-120				
Duplicate (BC51189-DUP1)	*Source sample: 25C0780-02 (MW-5)							Prepared & Analyzed: 03/17/2025			
Iron	0.911	0.278	mg/L		1.09				17.6	20	
Matrix Spike (BC51189-MS1)	*Source sample: 25C0780-02 (MW-5)							Prepared & Analyzed: 03/17/2025			
Iron	2.04	0.278	mg/L	1.11	1.09	86.2	75-125				
Post Spike (BC51189-PS1)	*Source sample: 25C0780-02 (MW-5)							Prepared & Analyzed: 03/17/2025			
Iron	1.93		ug/mL	1.00	0.977	95.2	75-125				

Anions by Ion Chromatography - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51020 - EPA 300											
Blank (BC51020-BLK1)								Prepared & Analyzed: 03/12/2025			
Nitrate as N	ND	0.0500	mg/L								
Nitrite as N	ND	0.0500	"								
LCS (BC51020-BS1)								Prepared & Analyzed: 03/12/2025			
Nitrate as N	10.3	0.0500	mg/L	10.0		103	90-110				
Nitrite as N	9.49	0.0500	"	10.0		94.9	90-110				
Batch BC51238 - EPA 300											
Blank (BC51238-BLK1)								Prepared & Analyzed: 03/14/2025			
Chloride	ND	0.500	mg/L								
Sulfate	ND	1.00	"								
LCS (BC51238-BS1)								Prepared & Analyzed: 03/14/2025			
Chloride	10.2	0.500	mg/L	10.0		102	90-110				
Sulfate	10.2	1.00	"	10.0		102	85-115				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC50929 - Analysis Preparation											
Duplicate (BC50929-DUP1)	*Source sample: 25C0780-02 (MW-5)							Prepared & Analyzed: 03/13/2025			
Alkalinity, total	190	2.0	mg/L		200				2.06	15	
Reference (BC50929-SRM1)								Prepared & Analyzed: 03/13/2025			
Alkalinity, total	56	2.0	mg/L	53.5		105	90-110				
Batch BC50948 - Analysis Preparation											
Blank (BC50948-BLK1)								Prepared & Analyzed: 03/13/2025			
Total Organic Carbon (TOC)	ND	1.00	mg/L								
LCS (BC50948-BS1)								Prepared & Analyzed: 03/13/2025			
Total Organic Carbon (TOC)	45.9	1.00	mg/L	50.0		91.9	79.5-125.1				
Batch BC50993 - Analysis Preparation											
Blank (BC50993-BLK1)								Prepared & Analyzed: 03/13/2025			
Ferrous Iron	ND	0.200	mg/L								
Duplicate (BC50993-DUP1)	*Source sample: 25C0780-01 (MW-3)							Prepared & Analyzed: 03/13/2025			
Ferrous Iron	ND	0.200	mg/L		ND					15	
Batch BC51059 - Analysis Preparation											
Blank (BC51059-BLK1)								Prepared & Analyzed: 03/14/2025			
Chemical Oxygen Demand (COD)	ND	10	mg/L								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51059 - Analysis Preparation											
LCS (BC51059-BS1)								Prepared & Analyzed: 03/14/2025			
Chemical Oxygen Demand (COD)	88	10	mg/L	100		87.7	79-128				
Batch BC51245 - Analysis Preparation											
Blank (BC51245-BLK1)								Prepared: 03/17/2025 Analyzed: 03/18/2025			
Sulfide	ND	1.0	mg/L								
LCS (BC51245-BS1)								Prepared: 03/17/2025 Analyzed: 03/18/2025			
Sulfide	48	1.0	mg/L	50.0		96.0	80-120				

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25C0780

Page 1 of 1

Report To:	Invoice To:
Company: Tenen Environmental	Company: " "
Address:	Address:
Phone.:	Phone.:
Contact: A. Platt	Contact: V. Martinez
E-mail: aplatt@tenen-env.com	E-mail: vmartinez@tenen-env.com

YOUR Project Name / Number: 2921 Westchester.

PO Number: 2921 Westchester

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time
- RUSH - Next Day [ ]
- RUSH - Two Day [ ]
- RUSH - Three Day [ ]
- RUSH - Four Day [ ]
- RUSH - Five Day [ ]
- Standard (6-9 Day) [X]
- PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Ashley Platt

Ashley J Platt

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Report Type (circle): ~~QA Report~~ Summary (Results Only); ~~NY ASP B Package~~ NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); ~~NYSDEC EQuIS~~; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

N/A

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: HP309	Chloride+sulfate	Dissolved gases	Nitrite/Nitrate	Total Alkalinity	Sulfide	TOC	COD	Ferrous/Ferric/Total Iron	Grab or Comp.
MW-3	3/12/25	12:30	GW	5			1	1	1				2	X	X	X	X	X	X	X	X	G/C
MW-5	↓	11:20	↓	5			1	1	1				2	X	X	X	X	X	X	X	X	G/C

Field Filtered [ ]
Lab Filtered [X]

Comments: Cat B deliverables

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/12/25 1411		3/12/25 14:11 4.1		3/12/25 14:11
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
A. Husain	3/12/25 14:11	A. Husain	3/12/25 20:40		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					3/12/25 20:40 4.1 Degrees C

Technical Report

prepared for:

Tenen Environmental
121 W 27th Street, Suite 303
New York NY, 10001
Attention: Ashley Platt

Report Date: 03/27/2025
Client Project ID: 2921 Westchester Ave
York Project (SDG) No.: 25C0791

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 03/27/2025
Client Project ID: 2921 Westchester Ave
York Project (SDG) No.: 25C0791

Tenen Environmental
121 W 27th Street, Suite 303
New York NY, 10001
Attention: Ashley Platt

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 12, 2025 and listed below. The project was identified as your project: **2921 Westchester Ave**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25C0791-01	MW-2	Ground Water	03/12/2025	03/12/2025
25C0791-02	MW-2-DUP	Ground Water	03/12/2025	03/12/2025
25C0791-03	MW-3	Ground Water	03/12/2025	03/12/2025
25C0791-04	MW-4	Ground Water	03/12/2025	03/12/2025
25C0791-05	MW-5	Ground Water	03/12/2025	03/12/2025
25C0791-06	MW-8	Ground Water	03/12/2025	03/12/2025
25C0791-07	FB	Ground Water	03/12/2025	03/12/2025
25C0791-08	TB	Ground Water	03/12/2025	03/12/2025

General Notes for York Project (SDG) No.: 25C0791

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 03/27/2025

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25C0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25C0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:04	PMB
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:04	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:04	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:04	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25C0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
91-20-3	**Naphthalene**	**0.740**		ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25C0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:04	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:04	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.4 %*	*79-122*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**2.33**		ng/L	0.444	1.67	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47 NELAC-NY12058,NJDEP-NY037	03/20/2025 19:23	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**9.86**		ng/L	0.331	1.89	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47 NELAC-NY12058,NJDEP-NY037	03/20/2025 19:23	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**3.92**		ng/L	0.670	1.89	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47 NELAC-NY12058,NJDEP-NY037	03/20/2025 19:23	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.642	1.73	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47 NELAC-NY12058,NJDEP-NY037	03/20/2025 19:23	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**4.52**		ng/L	0.397	1.89	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47 NELAC-NY12058,NJDEP-NY037	03/20/2025 19:23	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**5.67**		ng/L	0.774	1.76	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47 NELAC-NY12058,NJDEP-NY037	03/20/2025 19:23	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.10**	J	ng/L	0.491	1.89	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47 NELAC-NY12058,NJDEP-NY037	03/20/2025 19:23	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**1.37**	J	ng/L	0.708	1.89	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47 NELAC-NY12058,NJDEP-NY037	03/20/2025 19:23	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.89	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47 NELAC-NY12058,NJDEP-NY037	03/20/2025 19:23	AM

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25C0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.831	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.699	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.652	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.746	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.973	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**6.89**		ng/L	0.217	3.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.831	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.859	1.80	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.25	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.08	7.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.94	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.312	7.55	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.472	3.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 11:47	03/20/2025 19:23	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.02	3.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 11:47	03/20/2025 19:23	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.236	3.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 11:47	03/20/2025 19:23	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.349	3.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 11:47	03/20/2025 19:23	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.718	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.69	7.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.05	7.55	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.30	7.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.661	7.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
919005-14-4	ADONA	ND		ng/L	0.500	7.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.878	1.83	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 19:23	AM

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25C0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.812	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 11:47	03/20/2025 19:23	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.92	4.72	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 19:23	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.92	23.6	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 19:23	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.94	23.6	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 19:23	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.77	18.9	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 19:23	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.49	1.89	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 19:23	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.77	18.9	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 19:23	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.70	1.89	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 19:23	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*132 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*126 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*127 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*121 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*110 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*94.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*16.7 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*119 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*137 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*109 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*206 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*144 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*115 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*223 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*127 %*		*25-150*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25C0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
936109-40-9	*Surrogate: d-N-EtFOSA*	*119 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*89.2 %*			*25-150*						
D9-NETPFOSA	*Surrogate: d9-N-EtFOSE*	*97.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*112 %*			*25-150*						

Sample Information

Client Sample ID: MW-2-DUP **York Sample ID:** 25C0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

Sample Information

Client Sample ID: MW-2-DUP

York Sample ID: 25C0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-2-DUP **York Sample ID:** 25C0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:32	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-2-DUP **York Sample ID:** 25C0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	03/13/2025 13:32	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	03/13/2025 13:32	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:32	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:32	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:32	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*	*79-122*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-2-DUP

York Sample ID: 25C0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**2.14**		ng/L	0.427	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**9.46**		ng/L	0.318	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**4.08**		ng/L	0.644	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.617	1.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**5.12**		ng/L	0.381	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**5.15**		ng/L	0.744	1.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.46**	J	ng/L	0.472	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**1.99**		ng/L	0.681	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.03	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.799	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.672	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.626	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.717	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.935	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**7.42**		ng/L	0.209	3.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.799	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.826	1.73	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.20	1.75	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.81	6.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.86	6.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.300	7.26	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.454	3.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 11:47	03/20/2025 20:11	AM

Sample Information

Client Sample ID: MW-2-DUP

York Sample ID: 25C0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.94	3.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 11:47	03/20/2025 20:11	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.227	3.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 11:47	03/20/2025 20:11	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.336	3.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 11:47	03/20/2025 20:11	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.690	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.62	6.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.93	7.26	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.25	6.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
756426-58-1	**9CL-PF3ONS**	**0.646**	J	ng/L	0.635	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
919005-14-4	ADONA	ND		ng/L	0.481	6.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.844	1.76	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 20:11	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.781	1.74	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 11:47	03/20/2025 20:11	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.84	4.54	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 20:11	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.65	22.7	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 20:11	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.60	22.7	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 20:11	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.62	18.2	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 20:11	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.43	1.82	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 20:11	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.62	18.2	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 20:11	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.63	1.82	1	EPA 1633 Draft 3 Certifications:	03/19/2025 11:47	03/20/2025 20:11	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*88.7 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*114 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*101 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*107 %*	*25-150*

Sample Information

Client Sample ID: MW-2-DUP **York Sample ID:** 25C0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 8:40 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*103 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*97.1 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*14.9 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*117 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*118 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*108 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*105 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*103 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*191 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*144 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*217 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*121 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*117 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*70.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*105 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*115 %*			*25-150*						

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25C0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 12:30 pm	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 13:59	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 13:59	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 13:59	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25C0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 12:30 pm	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25C0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 12:30 pm	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:59	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:59	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
67-66-3	**Chloroform**	**3.64**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/13/2025 13:59	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
156-59-2	**cis-1,2-Dichloroethylene**	**58.1**		ug/L	0.294	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/13/2025 13:59	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:59	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:59	PMB

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25C0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 12:30 pm	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
127-18-4	**Tetrachloroethylene**	**55.6**	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-01-6	**Trichloroethylene**	**19.1**		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 13:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PMB

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25C0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 12:30 pm	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 13:59	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 13:59	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*	*79-122*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**8.21**		ng/L	0.442	1.67	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 13:55	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**26.9**		ng/L	0.329	1.88	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 13:55	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**29.2**		ng/L	0.668	1.88	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 13:55	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**2.94**		ng/L	0.640	1.72	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 13:55	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**119**		ng/L	0.395	1.88	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 13:55	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**31.2**		ng/L	0.772	1.75	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 13:55	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**23.8**		ng/L	0.489	1.88	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 13:55	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**17.3**		ng/L	0.706	1.88	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 13:55	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.06	1.88	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 13:55	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.828	1.88	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 13:55	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.697	1.88	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 13:55	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.649	1.88	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NJDEP-NY037	03/21/2025 13:55	AM

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25C0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 12:30 pm	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ng/L	0.744	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.970	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**22.0**		ng/L	0.216	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**1.14**	J	ng/L	0.828	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.857	1.80	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.24	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.06	7.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.93	7.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.311	7.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.471	3.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 13:55	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.01	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 13:55	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.235	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 13:55	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.348	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 13:55	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.715	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.68	7.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.04	7.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.30	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.659	7.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
919005-14-4	ADONA	ND		ng/L	0.499	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.875	1.83	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 13:55	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.809	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 13:55	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.91	4.71	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 13:55	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.90	23.5	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 13:55	AM

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25C0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 12:30 pm	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.91	23.5	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 13:55	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.76	18.8	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 13:55	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.49	1.88	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 13:55	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.76	18.8	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 13:55	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.69	1.88	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 13:55	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*125 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*119 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*134 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*140 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*112 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*99.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*8.13 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*123 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*116 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*121 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*113 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*102 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*118 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*111 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*127 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*150 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*135 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*116 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*84.8 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*109 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*117 %*		*25-150*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25C0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 10:35 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25C0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 10:35 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	**Bromodichloromethane**	**0.320**		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	**Chloroform**	**4.23**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**1.87**		ug/L	0.294	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25C0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 10:35 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	**Tetrachloroethylene**	**11.8**	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:27	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25C0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 10:35 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 14:27	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 14:27	PMB
79-01-6	**Trichloroethylene**	**1.56**		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/13/2025 14:27	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 14:27	PMB
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 14:27	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 14:27	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 14:27	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.1 %*	*79-122*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**16.4**		ng/L	0.434	1.63	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:11	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**21.9**		ng/L	0.323	1.85	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:11	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**12.0**		ng/L	0.655	1.85	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:11	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**2.23**		ng/L	0.628	1.69	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:11	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**25.2**		ng/L	0.388	1.85	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:11	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**14.8**		ng/L	0.757	1.72	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:11	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**7.40**		ng/L	0.480	1.85	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:11	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.995**	J	ng/L	0.692	1.85	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:11	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.04	1.85	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:11	AM

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25C0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 10:35 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.812	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.683	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.637	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.729	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.951	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**23.2**		ng/L	0.212	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.812	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.840	1.76	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.92	7.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	7.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.305	7.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.462	3.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:11	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.98	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:11	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.231	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:11	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.342	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:11	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.702	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.65	6.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.98	7.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.27	6.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.646	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
919005-14-4	ADONA	ND		ng/L	0.489	6.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.859	1.79	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:11	AM

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25C0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 10:35 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.794	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:11	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.87	4.62	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:11	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.77	23.1	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:11	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.74	23.1	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:11	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.68	18.5	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:11	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.85	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:11	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.68	18.5	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:11	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.66	1.85	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:11	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*139 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*126 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*140 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*145 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*76.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.95 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*107 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*117 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*112 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.8 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.4 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*131 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*182 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*116 %*		*25-150*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25C0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 10:35 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*86.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*59.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.1 %*			*25-150*						

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25C0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 11:20 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	**1,1-Dichloroethylene**	**11.3**		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25C0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 11:20 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**2.28**	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	**Benzene**	**0.380**		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25C0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 11:20 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	**Carbon disulfide**	**0.480**		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	**Chloroethane**	**0.500**		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
67-66-3	**Chloroform**	**1.90**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**28900**		ug/L	147	250	500	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 15:20	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	**Naphthalene**	**0.300**		ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 14:54	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25C0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 11:20 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	**p-Isopropyltoluene**	**0.650**		ug/L	0.377	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**7800**	CCVE, ICVE, QL-02	ug/L	120	250	500	EPA 8260D	03/14/2025 08:00	03/14/2025 15:20	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-88-3	**Toluene**	**0.680**		ug/L	0.346	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-60-5	**trans-1,2-Dichloroethylene**	**78.8**		ug/L	6.98	12.5	25	EPA 8260D	03/14/2025 08:00	03/14/2025 14:52	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**5540**		ug/L	124	250	500	EPA 8260D	03/14/2025 08:00	03/14/2025 15:20	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-01-4	**Vinyl Chloride**	**665**		ug/L	11.7	12.5	25	EPA 8260D	03/14/2025 08:00	03/14/2025 14:52	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	03/13/2025 12:26	03/13/2025 14:54	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*79-122*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25C0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 11:20 am	03/12/2025

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**12.5**		ng/L	0.453	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**20.2**		ng/L	0.337	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**21.7**		ng/L	0.684	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**4.55**		ng/L	0.655	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**69.5**		ng/L	0.405	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**36.6**		ng/L	0.790	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**5.81**		ng/L	0.501	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**1.30**	J	ng/L	0.723	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.09	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.848	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.713	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.665	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
2355-31-9	**N-MeFOSAA**	**5.74**		ng/L	0.761	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
2991-50-6	**N-EtFOSAA**	**5.54**		ng/L	0.992	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**22.1**		ng/L	0.222	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.848	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.877	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.27	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.23	7.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.98	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.318	7.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.482	3.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:27	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.06	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:27	AM

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **25C0791-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 11:20 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.241	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:27	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.357	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:27	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.732	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.72	7.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.11	7.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.33	7.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.675	7.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
919005-14-4	ADONA	ND		ng/L	0.511	7.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.896	1.87	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:27	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.829	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:27	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.96	4.82	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:27	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.06	24.1	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:27	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.13	24.1	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:27	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.84	19.3	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:27	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.52	1.93	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:27	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.84	19.3	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:27	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.73	1.93	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:27	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*143 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*154 %*	PFSu-H	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*154 %*	PFSu-H	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*154 %*	PFSu-H	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*131 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*78.5 %*		*25-150*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25C0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 11:20 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*136 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*138 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*9.35 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*152 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*131 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*133 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*126 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*58.1 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*220 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*237 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*151 %*	PFSu-H		*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*237 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*143 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*133 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*131 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*146 %*			*25-150*						

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 25C0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:30 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 25C0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:30 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 25C0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:30 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/14/2025 13:30	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/14/2025 13:30	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
67-66-3	**Chloroform**	**0.630**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/14/2025 13:30	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/14/2025 13:30	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/14/2025 13:30	PMB

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 25C0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:30 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
91-20-3	**Naphthalene**	**0.380**	B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
127-18-4	**Tetrachloroethylene**	**0.380**		ug/L	0.239	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00	03/14/2025 13:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 25C0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:30 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/14/2025 13:30	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	03/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/14/2025 13:30	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.3 %*	*79-122*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	4.70	17.7	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**18.6**	J	ng/L	3.50	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**12.8**	J	ng/L	7.10	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	6.80	18.3	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**39.0**		ng/L	4.20	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**21.4**		ng/L	8.20	18.6	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**10.0**	J	ng/L	5.20	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**42.0**		ng/L	7.50	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	11.3	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**16.6**	J	ng/L	8.80	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	7.40	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	6.90	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NJDEP-NY037	03/27/2025 12:02	AM
2355-31-9	N-MeFOSAA	ND		ng/L	7.90	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37 NELAC-NY12058,NJDEP-NY037	03/27/2025 12:02	AM

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 25C0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:30 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	N-EtFOSAA	ND		ng/L	10.3	20.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**12.3**	J	ng/L	2.30	40.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	8.80	20.0	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	9.10	19.1	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	13.2	19.3	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	75.0	76.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	20.5	76.8	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	3.30	80.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	5.00	35.6	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/26/2025 10:37	03/27/2025 12:02	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	21.4	40.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/26/2025 10:37	03/27/2025 12:02	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	2.50	40.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/26/2025 10:37	03/27/2025 12:02	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.70	40.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/26/2025 10:37	03/27/2025 12:02	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	7.60	18.8	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	17.9	75.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	32.3	80.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	13.8	75.6	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	7.00	74.8	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
919005-14-4	ADONA	ND		ng/L	5.30	75.6	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	9.30	19.4	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37	03/27/2025 12:02	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	8.60	19.2	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/26/2025 10:37	03/27/2025 12:02	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	20.3	50.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37	03/27/2025 12:02	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	73.3	250	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37	03/27/2025 12:02	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	94.7	250	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37	03/27/2025 12:02	AM

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 25C0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:30 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
24448-09-7	* N-MeFOSE	ND		ng/L	39.9	200	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37	03/27/2025 12:02	AM
31506-32-8	* N-MeFOSA	ND		ng/L	15.8	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37	03/27/2025 12:02	AM
1691-99-2	* N-EtFOSE	ND		ng/L	39.9	200	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37	03/27/2025 12:02	AM
4151-50-2	* N-EtFOSA	ND		ng/L	18.0	20.0	1	EPA 1633 Draft 3 Certifications:	03/26/2025 10:37	03/27/2025 12:02	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*100 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*100 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*108 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*82.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*79.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*85.4 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*92.9 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*112 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*87.1 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.3 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*81.8 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*101 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.2 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*103 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*105 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*57.5 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*59.5 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*63.3 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*95.0 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*86.6 %*	*25-150*

Sample Information

Client Sample ID: FB

York Sample ID: 25C0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: FB **York Sample ID:** 25C0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: FB **York Sample ID:** 25C0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

Sample Information

Client Sample ID: FB

York Sample ID: 25C0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:40 am	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:39	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:39	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:39	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:39	PMB
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/13/2025 17:39	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:39	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:39	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.450	1.70	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:59	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.335	1.92	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:59	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.680	1.92	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:59	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.651	1.75	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:59	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.402	1.92	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:59	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.785	1.78	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:59	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.498	1.92	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:59	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.718	1.92	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:59	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.92	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:59	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.843	1.92	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06 NELAC-NY12058,NJDEP-NY037	03/21/2025 14:59	AM

Sample Information

Client Sample ID: FB

York Sample ID: 25C0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:40 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.709	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.661	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.757	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.987	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.220	3.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.843	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.872	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.18	7.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.96	7.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.316	7.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.479	3.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:59	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.05	3.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:59	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.239	3.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:59	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.354	3.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/19/2025 16:06	03/21/2025 14:59	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.728	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.09	7.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.670	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
919005-14-4	ADONA	ND		ng/L	0.508	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.891	1.86	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:59	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.824	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/19/2025 16:06	03/21/2025 14:59	AM

Sample Information

Client Sample ID: FB **York Sample ID:** 25C0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:40 am	03/12/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.94	4.79	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:59	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.02	23.9	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:59	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.07	23.9	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:59	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.82	19.2	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:59	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.92	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:59	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.82	19.2	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:59	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.72	1.92	1	EPA 1633 Draft 3 Certifications:	03/19/2025 16:06	03/21/2025 14:59	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*131 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*128 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*119 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*109 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*86.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.97 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*112 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*58.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*112 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*103 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*97.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*108 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*104 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*125 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*98.9 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*133 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*134 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*69.8 %*		*25-150*

Sample Information

Client Sample ID: FB **York Sample ID:** 25C0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 7:40 am	03/12/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*109 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*115 %*			*25-150*						

Sample Information

Client Sample ID: TB **York Sample ID:** 25C0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 2:11 pm	03/12/2025

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

Sample Information

Client Sample ID: TB **York Sample ID:** 25C0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 2:11 pm	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

Sample Information

Client Sample ID: TB

York Sample ID: 25C0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 2:11 pm	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	**Naphthalene**	**0.280**		ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26	03/13/2025 17:12	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: TB **York Sample ID:** 25C0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0791	2921 Westchester Ave	Ground Water	March 12, 2025 2:11 pm	03/12/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	03/13/2025 17:12	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	03/13/2025 17:12	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04-	03/13/2025 17:12	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04-	03/13/2025 17:12	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	03/13/2025 12:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/13/2025 17:12	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*

Analytical Batch Summary

Batch ID: BC50981 **Preparation Method:** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25C0791-01	MW-2	03/13/25
25C0791-02	MW-2-DUP	03/13/25
25C0791-03	MW-3	03/13/25
25C0791-04	MW-4	03/13/25
25C0791-05	MW-5	03/13/25
25C0791-07	FB	03/13/25
25C0791-08	TB	03/13/25
BC50981-BLK1	Blank	03/13/25
BC50981-BS1	LCS	03/13/25
BC50981-BSD1	LCS Dup	03/13/25
BC50981-MS1	Matrix Spike	03/13/25
BC50981-MSD1	Matrix Spike Dup	03/13/25

Batch ID: BC51066 **Preparation Method:** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25C0791-05RE1	MW-5	03/14/25
25C0791-05RE2	MW-5	03/14/25
25C0791-06	MW-8	03/14/25
BC51066-BLK1	Blank	03/14/25
BC51066-BS1	LCS	03/14/25
BC51066-BSD1	LCS Dup	03/14/25

Batch ID: BC51411 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25C0791-01	MW-2	03/19/25
25C0791-02	MW-2-DUP	03/19/25
BC51411-BLK1	Blank	03/19/25
BC51411-BS1	LCS	03/19/25
BC51411-BS2	LCS	03/19/25
BC51411-MS1	Matrix Spike	03/19/25
BC51411-MSD1	Matrix Spike Dup	03/19/25

Batch ID: BC51441 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25C0791-03	MW-3	03/19/25
25C0791-04	MW-4	03/19/25
25C0791-05	MW-5	03/19/25
25C0791-06	MW-8	03/19/25
25C0791-07	FB	03/19/25
BC51441-BLK1	Blank	03/19/25
BC51441-BS1	LCS	03/19/25

BC51441-BS2	LCS	03/19/25

Batch ID: BC51917 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25C0791-06RE1	MW-8	03/26/25
BC51917-BLK1	Blank	03/26/25
BC51917-BS1	LCS	03/26/25
BC51917-BS2	LCS	03/26/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC50981 - EPA 5030B											
Blank (BC50981-BLK1)									Prepared & Analyzed: 03/13/2025		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC50981 - EPA 5030B											
Blank (BC50981-BLK1)								Prepared & Analyzed: 03/13/2025			
Dichlorodifluoromethane	ND	0.500	ug/L								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.950	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		"	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.77*		"	*10.0*		*97.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		"	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BC50981 - EPA 5030B

LCS (BC50981-BS1) Prepared & Analyzed: 03/13/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165				
1,1,2-Trichloroethane	9.85		"	10.0		98.5	82-123				
1,1-Dichloroethane	9.63		"	10.0		96.3	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,1-Dichloropropylene	10.2		"	10.0		102	83-133				
1,2,3-Trichlorobenzene	9.33		"	10.0		93.3	76-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4,5-Tetramethylbenzene	10.4		"	10.0		104	85-140				
1,2,4-Trichlorobenzene	9.72		"	10.0		97.2	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.25		"	10.0		92.5	45-147				
1,2-Dibromoethane	10.0		"	10.0		100	83-124				
1,2-Dichlorobenzene	9.94		"	10.0		99.4	79-123				
1,2-Dichloroethane	10.5		"	10.0		105	73-132				
1,2-Dichloropropane	9.39		"	10.0		93.9	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,3-Dichloropropane	9.82		"	10.0		98.2	81-125				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
1,4-Dioxane	173		"	210		82.2	10-349				
2,2-Dichloropropane	10.7		"	10.0		107	56-150				
2-Butanone	9.77		"	10.0		97.7	49-152				
2-Chlorotoluene	10.3		"	10.0		103	79-130				
2-Hexanone	9.49		"	10.0		94.9	51-146				
4-Chlorotoluene	10.3		"	10.0		103	79-128				
4-Methyl-2-pentanone	9.84		"	10.0		98.4	57-145				
Acetone	7.58		"	10.0		75.8	14-150				
Acrolein	11.1		"	10.0		111	10-153				
Acrylonitrile	10.6		"	10.0		106	51-150				
Benzene	10.2		"	10.0		102	85-126				
Bromobenzene	10.3		"	10.0		103	78-129				
Bromochloromethane	9.76		"	10.0		97.6	77-128				
Bromodichloromethane	10.1		"	10.0		101	79-128				
Bromoform	10.2		"	10.0		102	78-133				
Bromomethane	12.4		"	10.0		124	43-168				
Carbon disulfide	11.1		"	10.0		111	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	9.90		"	10.0		99.0	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	9.78		"	10.0		97.8	43-155				
cis-1,2-Dichloroethylene	9.94		"	10.0		99.4	83-129				
cis-1,3-Dichloropropylene	9.79		"	10.0		97.9	80-131				
Cyclohexane	9.94		"	10.0		99.4	63-149				
Dibromochloromethane	10.2		"	10.0		102	80-130				
Dibromomethane	9.80		"	10.0		98.0	72-134				
Dichlorodifluoromethane	12.6		"	10.0		126	44-144				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC50981 - EPA 5030B											
LCS (BC50981-BS1)								Prepared & Analyzed: 03/13/2025			
Ethyl Benzene	10.0		ug/L	10.0		100	80-131				
Hexachlorobutadiene	9.48		"	10.0		94.8	67-146				
Isopropylbenzene	10.3		"	10.0		103	76-140				
Methyl acetate	13.0		"	10.0		130	51-139				
Methyl tert-butyl ether (MTBE)	9.92		"	10.0		99.2	76-135				
Methylcyclohexane	9.79		"	10.0		97.9	72-143				
Methylene chloride	10.6		"	10.0		106	55-137				
Naphthalene	10.3		"	10.0		103	70-147				
n-Butylbenzene	11.0		"	10.0		110	79-132				
n-Propylbenzene	10.3		"	10.0		103	78-133				
o-Xylene	9.90		"	10.0		99.0	78-130				
p- & m- Xylenes	19.6		"	20.0		98.1	77-133				
p-Isopropyltoluene	11.0		"	10.0		110	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	10.5		"	10.0		105	67-132				
tert-Butyl alcohol (TBA)	59.4		"	50.0		119	25-162				
tert-Butylbenzene	10.4		"	10.0		104	77-138				
Tetrachloroethylene	6.09		"	10.0		60.9	82-131	Low Bias			
Toluene	9.75		"	10.0		97.5	80-127				
trans-1,2-Dichloroethylene	9.98		"	10.0		99.8	80-132				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131				
Trichloroethylene	9.64		"	10.0		96.4	82-128				
Trichlorofluoromethane	10.8		"	10.0		108	67-139				
Vinyl acetate	14.7		"	10.0		147	21-90	High Bias			
Vinyl Chloride	9.96		"	10.0		99.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.87*		*"*	*10.0*		*98.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC50981 - EPA 5030B											
LCS Dup (BC50981-BSD1)								Prepared & Analyzed: 03/13/2025			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		4.32	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136		3.41	30	
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	76-129		9.13	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	54-165		3.52	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		8.37	30	
1,1-Dichloroethane	10.1		"	10.0		101	82-129		5.16	30	
1,1-Dichloroethylene	11.1		"	10.0		111	68-138		4.43	30	
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		3.95	30	
1,2,3-Trichlorobenzene	11.8		"	10.0		118	76-136		23.0	30	
1,2,3-Trichloropropane	11.3		"	10.0		113	77-128		10.3	30	
1,2,4,5-Tetramethylbenzene	10.8		"	10.0		108	85-140		3.67	30	
1,2,4-Trichlorobenzene	11.2		"	10.0		112	76-137		14.1	30	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		0.0927	30	
1,2-Dibromo-3-chloropropane	10.7		"	10.0		107	45-147		14.4	30	
1,2-Dibromoethane	11.0		"	10.0		110	83-124		9.22	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		4.23	30	
1,2-Dichloroethane	11.3		"	10.0		113	73-132		7.72	30	
1,2-Dichloropropane	9.76		"	10.0		97.6	78-126		3.86	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		0.953	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		2.26	30	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		7.73	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124		1.47	30	
1,4-Dioxane	191		"	210		90.9	10-349		10.1	30	
2,2-Dichloropropane	11.2		"	10.0		112	56-150		4.19	30	
2-Butanone	11.0		"	10.0		110	49-152		11.9	30	
2-Chlorotoluene	10.2		"	10.0		102	79-130		0.390	30	
2-Hexanone	10.9		"	10.0		109	51-146		14.0	30	
4-Chlorotoluene	10.3		"	10.0		103	79-128		0.291	30	
4-Methyl-2-pentanone	11.2		"	10.0		112	57-145		13.3	30	
Acetone	8.66		"	10.0		86.6	14-150		13.3	30	
Acrolein	12.1		"	10.0		121	10-153		8.28	30	
Acrylonitrile	12.2		"	10.0		122	51-150		14.1	30	
Benzene	10.6		"	10.0		106	85-126		4.71	30	
Bromobenzene	10.5		"	10.0		105	78-129		2.50	30	
Bromochloromethane	10.6		"	10.0		106	77-128		8.25	30	
Bromodichloromethane	10.6		"	10.0		106	79-128		5.03	30	
Bromoform	11.5		"	10.0		115	78-133		12.0	30	
Bromomethane	12.9		"	10.0		129	43-168		4.28	30	
Carbon disulfide	11.6		"	10.0		116	68-146		4.42	30	
Carbon tetrachloride	10.9		"	10.0		109	77-141		3.46	30	
Chlorobenzene	10.3		"	10.0		103	88-120		3.67	30	
Chloroethane	10.9		"	10.0		109	65-136		7.01	30	
Chloroform	10.6		"	10.0		106	82-128		5.50	30	
Chloromethane	10.5		"	10.0		105	43-155		6.81	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129		5.76	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131		4.30	30	
Cyclohexane	10.3		"	10.0		103	63-149		3.85	30	
Dibromochloromethane	11.1		"	10.0		111	80-130		7.96	30	
Dibromomethane	10.7		"	10.0		107	72-134		8.41	30	
Dichlorodifluoromethane	14.2		"	10.0		142	44-144		11.8	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC50981 - EPA 5030B											
LCS Dup (BC50981-BSD1)								Prepared & Analyzed: 03/13/2025			
Ethyl Benzene	10.2		ug/L	10.0		102	80-131		1.87	30	
Hexachlorobutadiene	9.66		"	10.0		96.6	67-146		1.88	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		1.27	30	
Methyl acetate	15.1		"	10.0		151	51-139	High Bias	14.7	30	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	76-135		14.2	30	
Methylcyclohexane	9.84		"	10.0		98.4	72-143		0.509	30	
Methylene chloride	11.3		"	10.0		113	55-137		5.93	30	
Naphthalene	12.8		"	10.0		128	70-147		21.6	30	
n-Butylbenzene	10.9		"	10.0		109	79-132		0.274	30	
n-Propylbenzene	10.1		"	10.0		101	78-133		1.37	30	
o-Xylene	10.2		"	10.0		102	78-130		3.18	30	
p- & m- Xylenes	20.0		"	20.0		100	77-133		2.07	30	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		1.18	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		1.82	30	
Styrene	10.9		"	10.0		109	67-132		3.73	30	
tert-Butyl alcohol (TBA)	72.7		"	50.0		145	25-162		20.1	30	
tert-Butylbenzene	10.2		"	10.0		102	77-138		1.94	30	
Tetrachloroethylene	6.22		"	10.0		62.2	82-131	Low Bias	2.11	30	
Toluene	9.92		"	10.0		99.2	80-127		1.73	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		4.70	30	
trans-1,3-Dichloropropylene	11.0		"	10.0		110	78-131		7.54	30	
Trichloroethylene	9.82		"	10.0		98.2	82-128		1.85	30	
Trichlorofluoromethane	11.4		"	10.0		114	67-139		4.69	30	
Vinyl acetate	16.7		"	10.0		167	21-90	High Bias	12.8	30	
Vinyl Chloride	10.8		"	10.0		108	58-145		7.91	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.94*		*"*	*10.0*		*99.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC50981 - EPA 5030B											
Matrix Spike (BC50981-MS1)	*Source sample: 25C0791-01 (MW-2)							Prepared & Analyzed: 03/13/2025			
1,1,1,2-Tetrachloroethane	9.70		ug/L	10.0	0.00	97.0	45-161				
1,1,1-Trichloroethane	9.80		"	10.0	0.00	98.0	70-146				
1,1,2,2-Tetrachloroethane	10.8		"	10.0	0.00	108	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0	0.00	114	21-217				
1,1,2-Trichloroethane	10.1		"	10.0	0.00	101	59-146				
1,1-Dichloroethane	9.36		"	10.0	0.00	93.6	54-146				
1,1-Dichloroethylene	10.4		"	10.0	0.00	104	44-165				
1,1-Dichloropropylene	9.95		"	10.0	0.00	99.5	82-134				
1,2,3-Trichlorobenzene	8.93		"	10.0	0.00	89.3	40-161				
1,2,3-Trichloropropane	10.3		"	10.0	0.00	103	74-127				
1,2,4,5-Tetramethylbenzene	9.20		"	10.0	0.00	92.0	27-190				
1,2,4-Trichlorobenzene	9.07		"	10.0	0.00	90.7	41-161				
1,2,4-Trimethylbenzene	9.57		"	10.0	0.00	95.7	72-129				
1,2-Dibromo-3-chloropropane	9.68		"	10.0	0.00	96.8	31-151				
1,2-Dibromoethane	10.3		"	10.0	0.00	103	75-125				
1,2-Dichlorobenzene	9.30		"	10.0	0.00	93.0	63-122				
1,2-Dichloroethane	10.5		"	10.0	0.00	105	68-131				
1,2-Dichloropropane	8.99		"	10.0	0.00	89.9	77-121				
1,3,5-Trimethylbenzene	9.31		"	10.0	0.00	93.1	69-126				
1,3-Dichlorobenzene	9.08		"	10.0	0.00	90.8	74-119				
1,3-Dichloropropane	9.95		"	10.0	0.00	99.5	77-119				
1,4-Dichlorobenzene	9.19		"	10.0	0.00	91.9	70-124				
1,4-Dioxane	185		"	210	0.00	88.0	10-310				
2,2-Dichloropropane	9.00		"	10.0	0.00	90.0	10-160				
2-Butanone	10.8		"	10.0	0.00	108	10-193				
2-Chlorotoluene	9.16		"	10.0	0.00	91.6	70-126				
2-Hexanone	10.6		"	10.0	0.00	106	53-133				
4-Chlorotoluene	9.20		"	10.0	0.00	92.0	69-124				
4-Methyl-2-pentanone	11.1		"	10.0	0.230	109	38-150				
Acetone	8.66		"	10.0	0.510	81.5	13-149				
Acrolein	11.1		"	10.0	0.00	111	10-195				
Acrylonitrile	11.3		"	10.0	0.00	113	37-165				
Benzene	9.84		"	10.0	0.00	98.4	38-155				
Bromobenzene	9.46		"	10.0	0.00	94.6	72-122				
Bromochloromethane	9.72		"	10.0	0.00	97.2	75-121				
Bromodichloromethane	9.80		"	10.0	0.00	98.0	70-129				
Bromoform	10.5		"	10.0	0.00	105	66-136				
Bromomethane	11.7		"	10.0	0.00	117	30-158				
Carbon disulfide	10.6		"	10.0	0.00	106	10-138				
Carbon tetrachloride	10.3		"	10.0	0.00	103	71-146				
Chlorobenzene	9.39		"	10.0	0.00	93.9	81-117				
Chloroethane	10.0		"	10.0	0.00	100	51-145				
Chloroform	9.76		"	10.0	0.00	97.6	80-124				
Chloromethane	10.0		"	10.0	0.00	100	16-163				
cis-1,2-Dichloroethylene	10.4		"	10.0	0.00	104	76-125				
cis-1,3-Dichloropropylene	9.29		"	10.0	0.00	92.9	58-131				
Cyclohexane	10.0		"	10.0	0.00	100	70-130				
Dibromochloromethane	10.2		"	10.0	0.00	102	71-129				
Dibromomethane	10.0		"	10.0	0.00	100	76-120				
Dichlorodifluoromethane	12.9		"	10.0	0.00	129	30-147				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC50981 - EPA 5030B											
Matrix Spike (BC50981-MS1)	*Source sample: 25C0791-01 (MW-2)							Prepared & Analyzed: 03/13/2025			
Ethyl Benzene	9.40		ug/L	10.0	0.00	94.0	72-128				
Hexachlorobutadiene	7.73		"	10.0	0.00	77.3	34-166				
Isopropylbenzene	9.15		"	10.0	0.00	91.5	66-139				
Methyl acetate	13.8		"	10.0	0.00	138	10-200				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0	0.00	107	75-128				
Methylcyclohexane	9.42		"	10.0	0.00	94.2	70-130				
Methylene chloride	9.05		"	10.0	0.00	90.5	57-128				
Naphthalene	10.2		"	10.0	0.740	95.1	39-158				
n-Butylbenzene	9.27		"	10.0	0.00	92.7	61-138				
n-Propylbenzene	9.05		"	10.0	0.00	90.5	66-134				
o-Xylene	9.34		"	10.0	0.00	93.4	69-126				
p- & m- Xylenes	18.4		"	20.0	0.00	91.8	67-130				
p-Isopropyltoluene	9.44		"	10.0	0.00	94.4	64-137				
sec-Butylbenzene	9.16		"	10.0	0.00	91.6	53-155				
Styrene	9.81		"	10.0	0.00	98.1	69-125				
tert-Butyl alcohol (TBA)	71.8		"	50.0	0.00	144	10-130	High Bias			
tert-Butylbenzene	9.10		"	10.0	0.00	91.0	65-139				
Tetrachloroethylene	6.40		"	10.0	0.00	64.0	64-139				
Toluene	9.16		"	10.0	0.00	91.6	76-123				
trans-1,2-Dichloroethylene	9.61		"	10.0	0.00	96.1	79-131				
trans-1,3-Dichloropropylene	10.0		"	10.0	0.00	100	55-130				
Trichloroethylene	9.36		"	10.0	0.00	93.6	53-145				
Trichlorofluoromethane	10.9		"	10.0	0.00	109	61-142				
Vinyl acetate	14.7		"	10.0	0.00	147	10-87	High Bias			
Vinyl Chloride	10.4		"	10.0	0.00	104	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.86*		*"*	*10.0*		*98.6*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC50981 - EPA 5030B											
Matrix Spike Dup (BC50981-MSD1)	*Source sample: 25C0791-01 (MW-2)							Prepared & Analyzed: 03/13/2025			
1,1,1,2-Tetrachloroethane	9.43		ug/L	10.0	0.00	94.3	45-161		2.82	30	
1,1,1-Trichloroethane	9.70		"	10.0	0.00	97.0	70-146		1.03	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0	0.00	103	74-121		4.72	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0	0.00	108	21-217		5.58	30	
1,1,2-Trichloroethane	9.65		"	10.0	0.00	96.5	59-146		4.26	30	
1,1-Dichloroethane	9.19		"	10.0	0.00	91.9	54-146		1.83	30	
1,1-Dichloroethylene	10.3		"	10.0	0.00	103	44-165		0.964	30	
1,1-Dichloropropylene	9.81		"	10.0	0.00	98.1	82-134		1.42	30	
1,2,3-Trichlorobenzene	8.75		"	10.0	0.00	87.5	40-161		2.04	30	
1,2,3-Trichloropropane	10.0		"	10.0	0.00	100	74-127		2.85	30	
1,2,4,5-Tetramethylbenzene	9.32		"	10.0	0.00	93.2	27-190		1.30	30	
1,2,4-Trichlorobenzene	8.97		"	10.0	0.00	89.7	41-161		1.11	30	
1,2,4-Trimethylbenzene	9.64		"	10.0	0.00	96.4	72-129		0.729	30	
1,2-Dibromo-3-chloropropane	9.21		"	10.0	0.00	92.1	31-151		4.98	30	
1,2-Dibromoethane	9.75		"	10.0	0.00	97.5	75-125		5.58	30	
1,2-Dichlorobenzene	9.19		"	10.0	0.00	91.9	63-122		1.19	30	
1,2-Dichloroethane	9.98		"	10.0	0.00	99.8	68-131		5.46	30	
1,2-Dichloropropane	8.87		"	10.0	0.00	88.7	77-121		1.34	30	
1,3,5-Trimethylbenzene	9.36		"	10.0	0.00	93.6	69-126		0.536	30	
1,3-Dichlorobenzene	9.11		"	10.0	0.00	91.1	74-119		0.330	30	
1,3-Dichloropropane	9.57		"	10.0	0.00	95.7	77-119		3.89	30	
1,4-Dichlorobenzene	9.09		"	10.0	0.00	90.9	70-124		1.09	30	
1,4-Dioxane	174		"	210	0.00	83.0	10-310		5.87	30	
2,2-Dichloropropane	8.76		"	10.0	0.00	87.6	10-160		2.70	30	
2-Butanone	9.58		"	10.0	0.00	95.8	10-193		12.2	30	
2-Chlorotoluene	9.28		"	10.0	0.00	92.8	70-126		1.30	30	
2-Hexanone	9.64		"	10.0	0.00	96.4	53-133		9.58	30	
4-Chlorotoluene	9.29		"	10.0	0.00	92.9	69-124		0.974	30	
4-Methyl-2-pentanone	10.1		"	10.0	0.230	99.0	38-150		9.41	30	
Acetone	8.23		"	10.0	0.510	77.2	13-149		5.09	30	
Acrolein	10.7		"	10.0	0.00	107	10-195		3.31	30	
Acrylonitrile	10.6		"	10.0	0.00	106	37-165		6.02	30	
Benzene	9.67		"	10.0	0.00	96.7	38-155		1.74	30	
Bromobenzene	9.48		"	10.0	0.00	94.8	72-122		0.211	30	
Bromochloromethane	9.54		"	10.0	0.00	95.4	75-121		1.87	30	
Bromodichloromethane	9.62		"	10.0	0.00	96.2	70-129		1.85	30	
Bromoform	9.88		"	10.0	0.00	98.8	66-136		6.27	30	
Bromomethane	12.2		"	10.0	0.00	122	30-158		4.26	30	
Carbon disulfide	10.4		"	10.0	0.00	104	10-138		1.33	30	
Carbon tetrachloride	10.0		"	10.0	0.00	100	71-146		2.46	30	
Chlorobenzene	9.26		"	10.0	0.00	92.6	81-117		1.39	30	
Chloroethane	9.80		"	10.0	0.00	98.0	51-145		2.22	30	
Chloroform	9.56		"	10.0	0.00	95.6	80-124		2.07	30	
Chloromethane	9.96		"	10.0	0.00	99.6	16-163		0.401	30	
cis-1,2-Dichloroethylene	9.82		"	10.0	0.00	98.2	76-125		5.74	30	
cis-1,3-Dichloropropylene	9.06		"	10.0	0.00	90.6	58-131		2.51	30	
Cyclohexane	9.66		"	10.0	0.00	96.6	70-130		3.76	30	
Dibromochloromethane	9.76		"	10.0	0.00	97.6	71-129		4.90	30	
Dibromomethane	9.64		"	10.0	0.00	96.4	76-120		3.87	30	
Dichlorodifluoromethane	12.3		"	10.0	0.00	123	30-147		4.60	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC50981 - EPA 5030B											
Matrix Spike Dup (BC50981-MSD1)	*Source sample: 25C0791-01 (MW-2)								Prepared & Analyzed: 03/13/2025		
Ethyl Benzene	9.31		ug/L	10.0	0.00	93.1	72-128		0.962	30	
Hexachlorobutadiene	8.04		"	10.0	0.00	80.4	34-166		3.93	30	
Isopropylbenzene	9.33		"	10.0	0.00	93.3	66-139		1.95	30	
Methyl acetate	12.5		"	10.0	0.00	125	10-200		9.28	30	
Methyl tert-butyl ether (MTBE)	9.98		"	10.0	0.00	99.8	75-128		7.15	30	
Methylcyclohexane	9.11		"	10.0	0.00	91.1	70-130		3.35	30	
Methylene chloride	8.89		"	10.0	0.00	88.9	57-128		1.78	30	
Naphthalene	9.97		"	10.0	0.740	92.3	39-158		2.77	30	
n-Butylbenzene	9.49		"	10.0	0.00	94.9	61-138		2.35	30	
n-Propylbenzene	9.19		"	10.0	0.00	91.9	66-134		1.54	30	
o-Xylene	9.21		"	10.0	0.00	92.1	69-126		1.40	30	
p- & m- Xylenes	18.1		"	20.0	0.00	90.6	67-130		1.26	30	
p-Isopropyltoluene	9.56		"	10.0	0.00	95.6	64-137		1.26	30	
sec-Butylbenzene	9.36		"	10.0	0.00	93.6	53-155		2.16	30	
Styrene	9.66		"	10.0	0.00	96.6	69-125		1.54	30	
tert-Butyl alcohol (TBA)	61.6		"	50.0	0.00	123	10-130		15.3	30	
tert-Butylbenzene	9.30		"	10.0	0.00	93.0	65-139		2.17	30	
Tetrachloroethylene	5.90		"	10.0	0.00	59.0	64-139	Low Bias	8.13	30	
Toluene	9.14		"	10.0	0.00	91.4	76-123		0.219	30	
trans-1,2-Dichloroethylene	9.51		"	10.0	0.00	95.1	79-131		1.05	30	
trans-1,3-Dichloropropylene	9.60		"	10.0	0.00	96.0	55-130		4.08	30	
Trichloroethylene	9.26		"	10.0	0.00	92.6	53-145		1.07	30	
Trichlorofluoromethane	10.5		"	10.0	0.00	105	61-142		3.45	30	
Vinyl acetate	13.6		"	10.0	0.00	136	10-87	High Bias	8.34	30	
Vinyl Chloride	10.3		"	10.0	0.00	103	31-165		1.45	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.79*		*"*	*10.0*		*97.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51066 - EPA 5030B											
Blank (BC51066-BLK1)									Prepared & Analyzed: 03/14/2025		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51066 - EPA 5030B											
Blank (BC51066-BLK1)											Prepared & Analyzed: 03/14/2025
Ethyl Benzene	ND	0.500	ug/L								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.890	2.00	"								
Naphthalene	0.640	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.69*		*"*	*10.0*		*96.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51066 - EPA 5030B											
LCS (BC51066-BS1)								Prepared & Analyzed: 03/14/2025			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136				
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	9.95		"	10.0		99.5	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136				
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128				
1,2,4,5-Tetramethylbenzene	10.8		"	10.0		108	85-140				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	9.67		"	10.0		96.7	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	9.65		"	10.0		96.5	78-126				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,3-Dichloropropane	10.0		"	10.0		100	81-125				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	180		"	210		85.5	10-349				
2,2-Dichloropropane	10.8		"	10.0		108	56-150				
2-Butanone	10.3		"	10.0		103	49-152				
2-Chlorotoluene	10.4		"	10.0		104	79-130				
2-Hexanone	10.1		"	10.0		101	51-146				
4-Chlorotoluene	10.5		"	10.0		105	79-128				
4-Methyl-2-pentanone	10.6		"	10.0		106	57-145				
Acetone	7.90		"	10.0		79.0	14-150				
Acrolein	11.8		"	10.0		118	10-153				
Acrylonitrile	11.7		"	10.0		117	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromobenzene	10.6		"	10.0		106	78-129				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	10.8		"	10.0		108	78-133				
Bromomethane	12.0		"	10.0		120	43-168				
Carbon disulfide	11.1		"	10.0		111	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	9.75		"	10.0		97.5	43-155				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129				
cis-1,3-Dichloropropylene	9.97		"	10.0		99.7	80-131				
Cyclohexane	9.53		"	10.0		95.3	63-149				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	9.98		"	10.0		99.8	72-134				
Dichlorodifluoromethane	10.6		"	10.0		106	44-144				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51066 - EPA 5030B											
LCS (BC51066-BS1)								Prepared & Analyzed: 03/14/2025			
Ethyl Benzene	10.2		ug/L	10.0		102	80-131				
Hexachlorobutadiene	9.86		"	10.0		98.6	67-146				
Isopropylbenzene	10.3		"	10.0		103	76-140				
Methyl acetate	13.9		"	10.0		139	51-139				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135				
Methylcyclohexane	9.02		"	10.0		90.2	72-143				
Methylene chloride	10.5		"	10.0		105	55-137				
Naphthalene	12.7		"	10.0		127	70-147				
n-Butylbenzene	11.0		"	10.0		110	79-132				
n-Propylbenzene	10.4		"	10.0		104	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	20.1		"	20.0		100	77-133				
p-Isopropyltoluene	11.2		"	10.0		112	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
Styrene	10.7		"	10.0		107	67-132				
tert-Butyl alcohol (TBA)	65.0		"	50.0		130	25-162				
tert-Butylbenzene	10.4		"	10.0		104	77-138				
Tetrachloroethylene	6.23		"	10.0		62.3	82-131	Low Bias			
Toluene	9.86		"	10.0		98.6	80-127				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131				
Trichloroethylene	9.81		"	10.0		98.1	82-128				
Trichlorofluoromethane	10.1		"	10.0		101	67-139				
Vinyl acetate	15.2		"	10.0		152	21-90	High Bias			
Vinyl Chloride	10.2		"	10.0		102	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		"	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.75*		"	*10.0*		*97.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		"	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

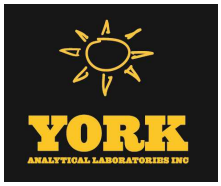
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51066 - EPA 5030B											
LCS Dup (BC51066-BSD1)								Prepared & Analyzed: 03/14/2025			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126		5.20	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		3.64	30	
1,1,2,2-Tetrachloroethane	12.1		"	10.0		121	76-129		10.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	54-165		11.4	30	
1,1,2-Trichloroethane	11.4		"	10.0		114	82-123		11.7	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		3.65	30	
1,1-Dichloroethylene	11.1		"	10.0		111	68-138		4.79	30	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133		3.97	30	
1,2,3-Trichlorobenzene	13.0		"	10.0		130	76-136		22.5	30	
1,2,3-Trichloropropane	11.6		"	10.0		116	77-128		9.77	30	
1,2,4,5-Tetramethylbenzene	11.2		"	10.0		112	85-140		3.46	30	
1,2,4-Trichlorobenzene	11.9		"	10.0		119	76-137		12.0	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132		1.80	30	
1,2-Dibromo-3-chloropropane	11.3		"	10.0		113	45-147		15.8	30	
1,2-Dibromoethane	11.8		"	10.0		118	83-124		11.7	30	
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123		5.26	30	
1,2-Dichloroethane	11.7		"	10.0		117	73-132		9.36	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		6.13	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		1.61	30	
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122		0.957	30	
1,3-Dichloropropane	11.3		"	10.0		113	81-125		11.9	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		2.95	30	
1,4-Dioxane	215		"	210		102	10-349		17.8	30	
2,2-Dichloropropane	11.1		"	10.0		111	56-150		2.74	30	
2-Butanone	11.7		"	10.0		117	49-152		12.6	30	
2-Chlorotoluene	10.4		"	10.0		104	79-130		0.674	30	
2-Hexanone	12.1		"	10.0		121	51-146		18.1	30	
4-Chlorotoluene	10.4		"	10.0		104	79-128		0.382	30	
4-Methyl-2-pentanone	12.5		"	10.0		125	57-145		17.1	30	
Acetone	9.69		"	10.0		96.9	14-150		20.4	30	
Acrolein	12.7		"	10.0		127	10-153		7.68	30	
Acrylonitrile	13.1		"	10.0		131	51-150		11.7	30	
Benzene	10.9		"	10.0		109	85-126		4.01	30	
Bromobenzene	10.8		"	10.0		108	78-129		1.87	30	
Bromochloromethane	11.3		"	10.0		113	77-128		10.2	30	
Bromodichloromethane	11.1		"	10.0		111	79-128		6.97	30	
Bromoform	12.3		"	10.0		123	78-133		13.2	30	
Bromomethane	12.6		"	10.0		126	43-168		4.81	30	
Carbon disulfide	11.7		"	10.0		117	68-146		5.07	30	
Carbon tetrachloride	11.0		"	10.0		110	77-141		4.10	30	
Chlorobenzene	10.6		"	10.0		106	88-120		4.92	30	
Chloroethane	11.1		"	10.0		111	65-136		5.95	30	
Chloroform	11.0		"	10.0		110	82-128		5.82	30	
Chloromethane	10.5		"	10.0		105	43-155		7.22	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		4.07	30	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	80-131		8.36	30	
Cyclohexane	10.6		"	10.0		106	63-149		10.8	30	
Dibromochloromethane	11.7		"	10.0		117	80-130		10.1	30	
Dibromomethane	11.3		"	10.0		113	72-134		12.4	30	
Dichlorodifluoromethane	13.6		"	10.0		136	44-144		25.0	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51066 - EPA 5030B											
LCS Dup (BC51066-BSD1)								Prepared & Analyzed: 03/14/2025			
Ethyl Benzene	10.5		ug/L	10.0		105	80-131		2.80	30	
Hexachlorobutadiene	9.88		"	10.0		98.8	67-146		0.203	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		2.45	30	
Methyl acetate	16.1		"	10.0		161	51-139	High Bias	14.3	30	
Methyl tert-butyl ether (MTBE)	12.1		"	10.0		121	76-135		14.9	30	
Methylcyclohexane	10.0		"	10.0		100	72-143		10.7	30	
Methylene chloride	11.1		"	10.0		111	55-137		6.11	30	
Naphthalene	14.8		"	10.0		148	70-147	High Bias	15.1	30	
n-Butylbenzene	10.9		"	10.0		109	79-132		1.19	30	
n-Propylbenzene	10.1		"	10.0		101	78-133		2.83	30	
o-Xylene	10.6		"	10.0		106	78-130		4.33	30	
p- & m- Xylenes	20.7		"	20.0		104	77-133		3.04	30	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		2.08	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		2.31	30	
Styrene	11.3		"	10.0		113	67-132		5.90	30	
tert-Butyl alcohol (TBA)	83.2		"	50.0		166	25-162	High Bias	24.6	30	
tert-Butylbenzene	10.2		"	10.0		102	77-138		1.74	30	
Tetrachloroethylene	6.45		"	10.0		64.5	82-131	Low Bias	3.47	30	
Toluene	10.2		"	10.0		102	80-127		3.29	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132		3.84	30	
trans-1,3-Dichloropropylene	11.6		"	10.0		116	78-131		9.88	30	
Trichloroethylene	10.1		"	10.0		101	82-128		3.21	30	
Trichlorofluoromethane	11.4		"	10.0		114	67-139		12.0	30	
Vinyl acetate	17.1		"	10.0		171	21-90	High Bias	11.9	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		8.20	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.70*		*"*	*10.0*		*97.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.80*		*"*	*10.0*		*98.0*	*79-122*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

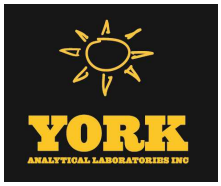
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51411 - EPA 1633 Prep											
Blank (BC51411-BLK1)											Prepared: 03/19/2025 Analyzed: 03/20/2025
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*30.5*		*"*	*23.3*		*131*	*25-150*				
Surrogate: M5PFHxA	*29.6*		*"*	*25.0*		*118*	*25-150*				
Surrogate: M4PFHpA	*29.8*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M3PFHxS	*31.5*		*"*	*23.7*		*133*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.1*		*"*	*25.0*		*132*	*25-150*				
Surrogate: M6PFDA	*15.5*		*"*	*12.5*		*124*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51411 - EPA 1633 Prep											
Blank (BC51411-BLK1)								Prepared: 03/19/2025 Analyzed: 03/20/2025			
Surrogate: M7PFUdA	*15.6*		*ng/L*	*12.5*		*125*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.5*		*"*	*12.5*		*116*	*25-150*				
Surrogate: M2PFTeDA	*11.9*		*"*	*12.5*		*95.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.6*		*"*	*100*		*11.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.4*		*"*	*24.0*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*41.1*		*"*	*50.0*		*82.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.9*		*"*	*25.0*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*57.3*		*"*	*50.0*		*115*	*25-150*				
Surrogate: d5-N-EtFOSAA	*54.6*		*"*	*50.0*		*109*	*25-150*				
Surrogate: M2-6:2 FTS	*57.6*		*"*	*47.6*		*121*	*25-200*				
Surrogate: M2-8:2 FTS	*51.6*		*"*	*48.0*		*107*	*25-200*				
Surrogate: M9PFNA	*16.4*		*"*	*12.5*		*131*	*25-150*				
Surrogate: M2-4:2 FTS	*53.4*		*"*	*46.9*		*114*	*25-150*				
Surrogate: d-N-MeFOSA	*31.9*		*"*	*25.0*		*128*	*25-150*				
Surrogate: d-N-EtFOSA	*36.9*		*"*	*25.0*		*148*	*25-150*				
Surrogate: M3HFPO-DA	*86.4*		*"*	*100*		*86.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*339*		*"*	*250*		*135*	*25-150*				
Surrogate: d7-N-MeFOSE	*310*		*"*	*250*		*124*	*25-150*				
LCS (BC51411-BS1)								Prepared: 03/19/2025 Analyzed: 03/20/2025			
Perfluorobutanesulfonic acid (PFBS)	36.5	1.77	ng/L	35.4		103	50-150				
Perfluorohexanoic acid (PFHxA)	41.8	2.00	"	40.0		105	50-150				
Perfluoroheptanoic acid (PFHpA)	44.4	2.00	"	40.0		111	50-150				
Perfluorohexanesulfonic acid (PFHxS)	37.4	1.83	"	36.6		102	50-150				
Perfluorooctanoic acid (PFOA)	38.4	2.00	"	40.0		95.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	40.7	1.86	"	37.2		109	50-150				
Perfluorononanoic acid (PFNA)	42.7	2.00	"	40.0		107	50-150				
Perfluorodecanoic acid (PFDA)	39.8	2.00	"	40.0		99.6	50-150				
Perfluoroundecanoic acid (PFUnA)	43.9	2.00	"	40.0		110	50-150				
Perfluorododecanoic acid (PFDoA)	39.4	2.00	"	40.0		98.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	48.0	2.00	"	40.0		120	50-150				
Perfluorotetradecanoic acid (PFTA)	42.6	2.00	"	40.0		107	50-150				
N-MeFOSAA	39.5	2.00	"	40.0		98.8	50-150				
N-EtFOSAA	43.7	2.00	"	40.0		109	50-150				
Perfluoropentanoic acid (PFPeA)	82.1	4.00	"	80.0		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	46.0	2.00	"	40.0		115	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	40.3	1.91	"	38.2		105	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	35.8	1.93	"	38.6		92.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	156	7.60	"	152		103	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	170	7.68	"	154		111	50-150				
Perfluoro-n-butanoic acid (PFBA)	148	8.00	"	160		92.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	82.7	3.56	"	71.2		116	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	89.4	4.00	"	80.0		112	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	25.1	4.00	"	80.0		31.4	50-150	Low Bias			

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51411 - EPA 1633 Prep											
LCS (BC51411-BS1)								Prepared: 03/19/2025 Analyzed: 03/20/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	109	4.00	ng/L	80.0		136	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	39.7	1.88	"	37.6		106	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	159	7.50	"	150		106	50-150				
HFPO-DA (Gen-X)	84.7	8.00	"	80.0		106	50-150				
11CL-PF3OUdS	105	7.56	"	75.6		139	50-150				
9CL-PF3ONS	112	7.48	"	74.8		149	50-150				
ADONA	113	7.56	"	75.6		150	50-150				
Perfluorododecanesulfonic acid (PFDoS)	36.3	1.94	"	38.8		93.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	45.9	1.92	"	38.4		119	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	144	5.00	"	160		90.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1070	25.0	"	800		133	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	994	25.0	"	800		124	50-150				
N-MeFOSE	436	20.0	"	400		109	50-150				
N-MeFOSA	40.2	2.00	"	40.0		101	50-150				
N-EtFOSE	430	20.0	"	400		108	50-150				
N-EtFOSA	40.6	2.00	"	40.0		101	50-150				
Surrogate: M3PFBS	*24.8*		*"*	*23.3*		*106*	*25-150*				
Surrogate: M5PFHxA	*24.2*		*"*	*25.0*		*96.8*	*25-150*				
Surrogate: M4PFHpA	*24.6*		*"*	*25.0*		*98.3*	*25-150*				
Surrogate: M3PFHxS	*26.0*		*"*	*23.7*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.9*		*"*	*25.0*		*112*	*25-150*				
Surrogate: M6PFDA	*13.6*		*"*	*12.5*		*109*	*25-150*				
Surrogate: M7PFUdA	*13.7*		*"*	*12.5*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.3*		*"*	*12.5*		*114*	*25-150*				
Surrogate: M2PFTeDA	*12.0*		*"*	*12.5*		*96.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.86*		*"*	*100*		*9.86*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.7*		*"*	*24.0*		*94.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*33.4*		*"*	*50.0*		*66.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.9*		*"*	*25.0*		*91.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*46.9*		*"*	*50.0*		*93.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*41.5*		*"*	*50.0*		*83.0*	*25-150*				
Surrogate: M2-6:2 FTS	*46.7*		*"*	*47.6*		*98.3*	*25-200*				
Surrogate: M2-8:2 FTS	*44.1*		*"*	*48.0*		*91.9*	*25-200*				
Surrogate: M9PFNA	*12.9*		*"*	*12.5*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*45.4*		*"*	*46.9*		*96.7*	*25-150*				
Surrogate: d-N-MeFOSA	*30.4*		*"*	*25.0*		*122*	*25-150*				
Surrogate: d-N-EtFOSA	*26.2*		*"*	*25.0*		*105*	*25-150*				
Surrogate: M3HFPO-DA	*73.7*		*"*	*100*		*73.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*248*		*"*	*250*		*99.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*256*		*"*	*250*		*103*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51411 - EPA 1633 Prep											
LCS (BC51411-BS2)								Prepared: 03/19/2025 Analyzed: 03/20/2025			
Perfluorobutanesulfonic acid (PFBS)	3.17	1.77	ng/L	3.54		89.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.72	2.00	"	4.00		92.9	50-150				
Perfluoroheptanoic acid (PFHpA)	4.61	2.00	"	4.00		115	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.34	1.83	"	3.66		91.3	50-150				
Perfluorooctanoic acid (PFOA)	3.40	2.00	"	4.00		85.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.48	1.86	"	3.72		93.6	50-150				
Perfluorononanoic acid (PFNA)	3.46	2.00	"	4.00		86.5	50-150				
Perfluorodecanoic acid (PFDA)	3.63	2.00	"	4.00		90.8	50-150				
Perfluoroundecanoic acid (PFUnA)	3.83	2.00	"	4.00		95.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.65	2.00	"	4.00		91.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.08	2.00	"	4.00		102	50-150				
Perfluorotetradecanoic acid (PFTA)	4.35	2.00	"	4.00		109	50-150				
N-MeFOSAA	3.66	2.00	"	4.00		91.6	50-150				
N-EtFOSAA	4.30	2.00	"	4.00		108	50-150				
Perfluoropentanoic acid (PFPeA)	7.73	4.00	"	8.00		96.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.64	2.00	"	4.00		116	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	1.91	"	3.82		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.19	1.93	"	3.86		82.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.3	7.60	"	15.2		87.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.9	7.68	"	15.4		96.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	11.8	8.00	"	16.0		73.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.41	3.56	"	7.12		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	11.5	4.00	"	8.00		144	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.10	4.00	"	8.00		13.7	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.0	4.00	"	8.00		138	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.48	1.88	"	3.76		92.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	13.9	7.50	"	15.0		92.4	50-150				
HFPO-DA (Gen-X)	9.26	8.00	"	8.00		116	50-150				
11CL-PF3OUdS	12.8	7.56	"	7.56		170	50-150	High Bias			
9CL-PF3ONS	12.2	7.48	"	7.48		163	50-150	High Bias			
ADONA	13.1	7.56	"	7.56		174	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	2.90	1.94	"	3.88		74.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.18	1.92	"	3.84		109	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	6.88	5.00	"	16.0		43.0	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	70.6	25.0	"	80.0		88.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	66.5	25.0	"	80.0		83.2	50-150				
N-MeFOSE	37.0	20.0	"	40.0		92.4	50-150				
N-MeFOSA	4.36	2.00	"	4.00		109	50-150				
N-EtFOSE	35.9	20.0	"	40.0		89.8	50-150				
N-EtFOSA	2.88	2.00	"	4.00		72.0	50-150				
Surrogate: M3PFBS	*27.1*		*"*	*23.3*		*116*	*25-150*				
Surrogate: M5PFHxA	*27.2*		*"*	*25.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*25.9*		*"*	*25.0*		*104*	*25-150*				
Surrogate: M3PFHxS	*28.6*		*"*	*23.7*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.3*		*"*	*25.0*		*117*	*25-150*				
Surrogate: M6PFDA	*15.1*		*"*	*12.5*		*121*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51411 - EPA 1633 Prep											
LCS (BC51411-BS2)									Prepared: 03/19/2025 Analyzed: 03/20/2025		
Surrogate: M7PFUdA	*16.1*		*ng/L*	*12.5*		*129*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.9*		*"*	*12.5*		*119*	*25-150*				
Surrogate: M2PFTeDA	*12.7*		*"*	*12.5*		*101*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.12*		*"*	*100*		*4.12*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.4*		*"*	*24.0*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*29.8*		*"*	*50.0*		*59.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.1*		*"*	*25.0*		*104*	*10-150*				
Surrogate: d3-N-MeFOSAA	*53.2*		*"*	*50.0*		*106*	*25-150*				
Surrogate: d5-N-EtFOSAA	*48.9*		*"*	*50.0*		*97.8*	*25-150*				
Surrogate: M2-6:2 FTS	*49.5*		*"*	*47.6*		*104*	*25-200*				
Surrogate: M2-8:2 FTS	*47.6*		*"*	*48.0*		*99.1*	*25-200*				
Surrogate: M9PFNA	*15.3*		*"*	*12.5*		*122*	*25-150*				
Surrogate: M2-4:2 FTS	*46.5*		*"*	*46.9*		*99.2*	*25-150*				
Surrogate: d-N-MeFOSA	*34.7*		*"*	*25.0*		*139*	*25-150*				
Surrogate: d-N-EtFOSA	*29.7*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M3HFPO-DA	*73.8*		*"*	*100*		*73.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*295*		*"*	*250*		*118*	*25-150*				
Surrogate: d7-N-MeFOSE	*292*		*"*	*250*		*117*	*25-150*				
Matrix Spike (BC51411-MS1)	*Source sample: 25C0791-01 (MW-2)								Prepared: 03/19/2025 Analyzed: 03/20/2025		
Perfluorobutanesulfonic acid (PFBS)	35.0	1.62	ng/L	32.4	2.33	101	25-150				
Perfluorohexanoic acid (PFHxA)	48.2	1.83	"	36.6	9.86	105	25-150				
Perfluoroheptanoic acid (PFHpA)	48.6	1.83	"	36.6	3.92	122	25-150				
Perfluorohexanesulfonic acid (PFHxS)	34.2	1.67	"	33.5	ND	102	25-150				
Perfluorooctanoic acid (PFOA)	40.7	1.83	"	36.6	4.52	98.7	25-150				
Perfluorooctanesulfonic acid (PFOS)	43.0	1.70	"	34.0	5.67	110	25-150				
Perfluorononanoic acid (PFNA)	39.6	1.83	"	36.6	1.10	105	25-150				
Perfluorodecanoic acid (PFDA)	36.2	1.83	"	36.6	1.37	95.1	25-150				
Perfluoroundecanoic acid (PFUnA)	38.5	1.83	"	36.6	ND	105	25-150				
Perfluorododecanoic acid (PFDoA)	37.4	1.83	"	36.6	ND	102	25-150				
Perfluorotridecanoic acid (PFTrDA)	47.6	1.83	"	36.6	ND	130	25-150				
Perfluorotetradecanoic acid (PFTA)	36.4	1.83	"	36.6	ND	99.3	25-150				
N-MeFOSAA	37.2	1.83	"	36.6	ND	102	25-150				
N-EtFOSAA	38.0	1.83	"	36.6	ND	104	25-150				
Perfluoropentanoic acid (PFPeA)	79.6	3.66	"	73.2	6.89	99.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	37.2	1.83	"	36.6	ND	102	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	33.9	1.75	"	35.0	ND	96.9	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	30.6	1.77	"	35.3	ND	86.7	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	114	6.95	"	139	ND	81.7	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	137	7.03	"	141	ND	97.5	25-150				
Perfluoro-n-butanoic acid (PFBA)	147	7.32	"	146	ND	100	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	76.5	3.26	"	65.2	ND	117	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	58.8	3.66	"	73.2	ND	80.3	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	37.0	3.66	"	73.2	ND	50.6	25-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51411 - EPA 1633 Prep											
Matrix Spike (BC51411-MS1)	*Source sample: 25C0791-01 (MW-2)							Prepared: 03/19/2025 Analyzed: 03/20/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	73.2	3.66	ng/L	73.2	ND	100	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	35.6	1.72	"	34.4	ND	103	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	116	6.86	"	137	ND	84.1	25-150				
HFPO-DA (Gen-X)	71.6	7.32	"	73.2	ND	97.8	25-150				
11CL-PF3OUdS	106	6.92	"	69.2	ND	154	25-150	High Bias			
9CL-PF3ONS	117	6.84	"	68.4	ND	171	25-150	High Bias			
ADONA	119	6.92	"	69.2	ND	171	25-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	24.1	1.78	"	35.5	ND	67.8	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	32.9	1.76	"	35.1	ND	93.6	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	149	4.58	"	146	ND	101	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	998	22.9	"	732	ND	136	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	926	22.9	"	732	ND	127	25-150				
N-MeFOSE	402	18.3	"	366	ND	110	25-150				
N-MeFOSA	41.0	1.83	"	36.6	ND	112	25-150				
N-EtFOSE	393	18.3	"	366	ND	107	25-150				
N-EtFOSA	38.6	1.83	"	36.6	ND	105	25-150				
Surrogate: M3PFBS	*26.5*		*"*	*21.3*		*124*	*25-150*				
Surrogate: M5PFHxA	*28.7*		*"*	*22.9*		*126*	*25-150*				
Surrogate: M4PFHpA	*23.0*		*"*	*22.9*		*101*	*25-150*				
Surrogate: M3PFHxS	*28.0*		*"*	*21.7*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.8*		*"*	*22.9*		*126*	*25-150*				
Surrogate: M6PFDA	*14.6*		*"*	*11.4*		*128*	*25-150*				
Surrogate: M7PFUdA	*14.7*		*"*	*11.4*		*128*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.0*		*"*	*11.4*		*114*	*25-150*				
Surrogate: M2PFTeDA	*11.0*		*"*	*11.4*		*96.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*20.4*		*"*	*91.5*		*22.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*26.6*		*"*	*21.9*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*62.4*		*"*	*45.8*		*136*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.3*		*"*	*22.9*		*119*	*10-150*				
Surrogate: d3-N-MeFOSAA	*51.7*		*"*	*45.8*		*113*	*25-150*				
Surrogate: d5-N-EtFOSAA	*48.6*		*"*	*45.8*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*100*		*"*	*43.5*		*231*	*25-200*				
Surrogate: M2-8:2 FTS	*75.1*		*"*	*43.9*		*171*	*25-200*				
Surrogate: M9PFNA	*13.6*		*"*	*11.4*		*119*	*25-150*				
Surrogate: M2-4:2 FTS	*112*		*"*	*42.9*		*262*	*25-150*				
Surrogate: d-N-MeFOSA	*29.5*		*"*	*22.9*		*129*	*25-150*				
Surrogate: d-N-EtFOSA	*28.3*		*"*	*22.9*		*124*	*25-150*				
Surrogate: M3HFPO-DA	*68.7*		*"*	*91.5*		*75.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*209*		*"*	*229*		*91.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*241*		*"*	*229*		*105*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

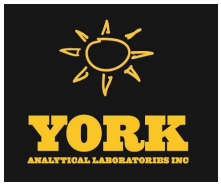
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51411 - EPA 1633 Prep											
Matrix Spike Dup (BC51411-MSD1)	*Source sample: 25C0791-01 (MW-2)								Prepared: 03/19/2025 Analyzed: 03/20/2025		
Perfluorobutanesulfonic acid (PFBS)	37.3	1.69	ng/L	33.7	2.33	104	25-150		6.20	35	
Perfluorohexanoic acid (PFHxA)	51.2	1.91	"	38.1	9.86	108	25-150		6.09	35	
Perfluoroheptanoic acid (PFHpA)	55.4	1.91	"	38.1	3.92	135	25-150		12.9	35	
Perfluorohexanesulfonic acid (PFHxS)	35.3	1.74	"	34.9	ND	101	25-150		3.02	35	
Perfluorooctanoic acid (PFOA)	43.0	1.91	"	38.1	4.52	101	25-150		5.58	35	
Perfluorooctanesulfonic acid (PFOS)	43.7	1.77	"	35.5	5.67	107	25-150		1.46	35	
Perfluorononanoic acid (PFNA)	45.3	1.91	"	38.1	1.10	116	25-150		13.5	35	
Perfluorodecanoic acid (PFDA)	39.4	1.91	"	38.1	1.37	99.9	25-150		8.61	35	
Perfluoroundecanoic acid (PFUnA)	36.3	1.91	"	38.1	ND	95.2	25-150		5.81	35	
Perfluorododecanoic acid (PFDoA)	37.3	1.91	"	38.1	ND	97.8	25-150		0.262	35	
Perfluorotridecanoic acid (PFTrDA)	44.5	1.91	"	38.1	ND	117	25-150		6.66	35	
Perfluorotetradecanoic acid (PFTA)	39.8	1.91	"	38.1	ND	104	25-150		8.95	35	
N-MeFOSAA	38.0	1.91	"	38.1	ND	99.6	25-150		2.11	35	
N-EtFOSAA	38.9	1.91	"	38.1	ND	102	25-150		2.23	35	
Perfluoropentanoic acid (PFPeA)	86.5	3.81	"	76.2	6.89	104	25-150		8.34	35	
Perfluoro-1-octanesulfonamide (FOSA)	40.0	1.91	"	38.1	ND	105	25-150		7.37	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	36.0	1.82	"	36.4	ND	98.8	25-150		6.04	35	
Perfluoro-1-decanesulfonic acid (PFDS)	31.3	1.84	"	36.8	ND	85.1	25-150		2.16	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	122	7.24	"	145	ND	83.9	25-150		6.81	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	147	7.32	"	146	ND	100	25-150		7.01	35	
Perfluoro-n-butanoic acid (PFBA)	155	7.62	"	152	ND	102	25-150		5.60	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	86.5	3.39	"	67.9	ND	127	25-150		12.3	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	64.2	3.81	"	76.2	ND	84.2	25-150		8.79	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	37.3	3.81	"	76.2	ND	48.9	25-150		0.806	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	77.0	3.81	"	76.2	ND	101	25-150		5.12	30	
Perfluoro-1-pentanesulfonate (PFPeS)	37.6	1.79	"	35.8	ND	105	25-150		5.54	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	127	7.15	"	143	ND	89.0	25-150		9.70	30	
HFPO-DA (Gen-X)	99.0	7.62	"	76.2	ND	130	25-150		32.1	30	Non-dir.
11CL-PF3OUdS	131	7.21	"	72.1	ND	182	25-150	High Bias	20.9	30	
9CL-PF3ONS	141	7.13	"	71.3	ND	198	25-150	High Bias	18.5	30	
ADONA	144	7.21	"	72.1	ND	199	25-150	High Bias	19.0	30	
Perfluorododecanesulfonic acid (PFDoS)	27.1	1.85	"	37.0	ND	73.3	25-150		11.9	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	37.4	1.83	"	36.6	ND	102	25-150		12.7	30	
3-Perfluoropropyl propanoic acid (FPrPA)	177	4.77	"	152	ND	116	25-150		17.3	30	
3-Perfluoropentyl propanoic acid (FPePA)	1120	23.8	"	762	ND	147	25-150		11.9	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	1040	23.8	"	762	ND	137	25-150		11.7	30	
N-MeFOSE	415	19.1	"	381	ND	109	25-150		3.24	30	
N-MeFOSA	41.1	1.91	"	38.1	ND	108	25-150		0.166	30	
N-EtFOSE	395	19.1	"	381	ND	104	25-150		0.671	30	
N-EtFOSA	38.2	1.91	"	38.1	ND	100	25-150		1.16	30	
Surrogate: M3PFBS	*30.3*		"	*22.2*		*136*	*25-150*				
Surrogate: M5PFHxA	*31.6*		"	*23.8*		*133*	*25-150*				
Surrogate: M4PFHpA	*25.9*		"	*23.8*		*109*	*25-150*				
Surrogate: M3PFHxS	*32.7*		"	*22.6*		*145*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.0*		"	*23.8*		*130*	*25-150*				
Surrogate: M6PFDA	*14.8*		"	*11.9*		*125*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51411 - EPA 1633 Prep											
Matrix Spike Dup (BC51411-MSD1)	*Source sample: 25C0791-01 (MW-2)								Prepared: 03/19/2025 Analyzed: 03/20/2025		
Surrogate: M7PFUdA	*16.3*		*ng/L*	*11.9*		*136*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.4*		*"*	*11.9*		*121*	*25-150*				
Surrogate: M2PFTeDA	*11.7*		*"*	*11.9*		*97.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*19.1*		*"*	*95.3*		*20.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.5*		*"*	*22.8*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*72.1*		*"*	*47.7*		*151*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*31.8*		*"*	*23.8*		*133*	*10-150*				
Surrogate: d3-N-MeFOSAA	*64.8*		*"*	*47.7*		*136*	*25-150*				
Surrogate: d5-N-EtFOSAA	*58.7*		*"*	*47.7*		*123*	*25-150*				
Surrogate: M2-6:2 FTS	*116*		*"*	*45.3*		*257*	*25-200*				
Surrogate: M2-8:2 FTS	*85.3*		*"*	*45.7*		*186*	*25-200*				
Surrogate: M9PFNA	*13.9*		*"*	*11.9*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*124*		*"*	*44.7*		*277*	*25-150*				
Surrogate: d-N-MeFOSA	*34.8*		*"*	*23.8*		*146*	*25-150*				
Surrogate: d-N-EtFOSA	*33.9*		*"*	*23.8*		*142*	*25-150*				
Surrogate: M3HFPO-DA	*84.2*		*"*	*95.3*		*88.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*334*		*"*	*238*		*140*	*25-150*				
Surrogate: d7-N-MeFOSE	*322*		*"*	*238*		*135*	*25-150*				
Batch BC51441 - EPA 1633 Prep											
Blank (BC51441-BLK1)									Prepared: 03/19/2025 Analyzed: 03/21/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51441 - EPA 1633 Prep											
Blank (BC51441-BLK1)											Prepared: 03/19/2025 Analyzed: 03/21/2025
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	ng/L								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*35.1*		"	*23.3*		*151*	*25-150*				
Surrogate: M5PFHxA	*32.3*		"	*25.0*		*129*	*25-150*				
Surrogate: M4PFHpA	*31.1*		"	*25.0*		*124*	*25-150*				
Surrogate: M3PFHxS	*38.3*		"	*23.7*		*162*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*36.7*		"	*25.0*		*147*	*25-150*				
Surrogate: M6PFDA	*17.0*		"	*12.5*		*136*	*25-150*				
Surrogate: M7PFUdA	*17.6*		"	*12.5*		*141*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.5*		"	*12.5*		*132*	*25-150*				
Surrogate: M2PFTeDA	*13.1*		"	*12.5*		*104*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.05*		"	*100*		*4.05*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.6*		"	*24.0*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*37.3*		"	*50.0*		*74.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*35.1*		"	*25.0*		*140*	*10-150*				
Surrogate: d3-N-MeFOSAA	*72.3*		"	*50.0*		*145*	*25-150*				
Surrogate: d5-N-EtFOSAA	*67.8*		"	*50.0*		*136*	*25-150*				
Surrogate: M2-6:2 FTS	*62.1*		"	*47.6*		*131*	*25-200*				
Surrogate: M2-8:2 FTS	*76.3*		"	*48.0*		*159*	*25-200*				
Surrogate: M9PFNA	*17.5*		"	*12.5*		*140*	*25-150*				
Surrogate: M2-4:2 FTS	*57.7*		"	*46.9*		*123*	*25-150*				
Surrogate: d-N-MeFOSA	*37.5*		"	*25.0*		*150*	*25-150*				
Surrogate: d-N-EtFOSA	*32.7*		"	*25.0*		*131*	*25-150*				
Surrogate: M3HFPO-DA	*93.0*		"	*100*		*93.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*308*		"	*250*		*123*	*25-150*				
Surrogate: d7-N-MeFOSE	*306*		"	*250*		*122*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51441 - EPA 1633 Prep											
LCS (BC51441-BS1)								Prepared: 03/19/2025 Analyzed: 03/21/2025			
Perfluorobutanesulfonic acid (PFBS)	37.3	1.77	ng/L	35.4		105	50-150				
Perfluorohexanoic acid (PFHxA)	42.9	2.00	"	40.0		107	50-150				
Perfluoroheptanoic acid (PFHpA)	45.3	2.00	"	40.0		113	50-150				
Perfluorohexanesulfonic acid (PFHxS)	37.7	1.83	"	36.6		103	50-150				
Perfluorooctanoic acid (PFOA)	36.1	2.00	"	40.0		90.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	42.5	1.86	"	37.2		114	50-150				
Perfluorononanoic acid (PFNA)	40.5	2.00	"	40.0		101	50-150				
Perfluorodecanoic acid (PFDA)	40.0	2.00	"	40.0		100	50-150				
Perfluoroundecanoic acid (PFUnA)	45.6	2.00	"	40.0		114	50-150				
Perfluorododecanoic acid (PFDoA)	37.2	2.00	"	40.0		92.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	53.4	2.00	"	40.0		133	50-150				
Perfluorotetradecanoic acid (PFTA)	41.0	2.00	"	40.0		102	50-150				
N-MeFOSAA	41.0	2.00	"	40.0		103	50-150				
N-EtFOSAA	45.0	2.00	"	40.0		113	50-150				
Perfluoropentanoic acid (PFPeA)	85.8	4.00	"	80.0		107	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	43.2	2.00	"	40.0		108	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	44.4	1.91	"	38.2		116	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	36.6	1.93	"	38.6		94.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	154	7.60	"	152		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	149	7.68	"	154		97.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	120	8.00	"	160		75.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	83.4	3.56	"	71.2		117	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	98.0	4.00	"	80.0		123	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	11.1	4.00	"	80.0		13.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	129	4.00	"	80.0		161	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	39.8	1.88	"	37.6		106	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	160	7.50	"	150		107	50-150				
HFPO-DA (Gen-X)	94.3	8.00	"	80.0		118	50-150				
11CL-PF3OUdS	105	7.56	"	75.6		139	50-150				
9CL-PF3ONS	121	7.48	"	74.8		162	50-150	High Bias			
ADONA	126	7.56	"	75.6		167	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	27.8	1.94	"	38.8		71.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	44.7	1.92	"	38.4		116	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	124	5.00	"	160		77.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1070	25.0	"	800		134	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1030	25.0	"	800		129	50-150				
N-MeFOSE	437	20.0	"	400		109	50-150				
N-MeFOSA	43.0	2.00	"	40.0		107	50-150				
N-EtFOSE	393	20.0	"	400		98.2	50-150				
N-EtFOSA	42.9	2.00	"	40.0		107	50-150				
Surrogate: M3PFBS	*27.8*		*"*	*23.3*		*119*	*25-150*				
Surrogate: M5PFHxA	*28.1*		*"*	*25.0*		*112*	*25-150*				
Surrogate: M4PFHpA	*27.0*		*"*	*25.0*		*108*	*25-150*				
Surrogate: M3PFHxS	*30.1*		*"*	*23.7*		*127*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.5*		*"*	*25.0*		*134*	*25-150*				
Surrogate: M6PFDA	*15.2*		*"*	*12.5*		*121*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51441 - EPA 1633 Prep											
LCS (BC51441-BS1)								Prepared: 03/19/2025 Analyzed: 03/21/2025			
Surrogate: M7PFUdA	*14.5*		*ng/L*	*12.5*		*116*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.3*		*"*	*12.5*		*106*	*25-150*				
Surrogate: M2PFTeDA	*10.1*		*"*	*12.5*		*81.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.46*		*"*	*100*		*2.46*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.8*		*"*	*24.0*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*31.1*		*"*	*50.0*		*62.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.5*		*"*	*25.0*		*118*	*10-150*				
Surrogate: d3-N-MeFOSAA	*57.4*		*"*	*50.0*		*115*	*25-150*				
Surrogate: d5-N-EtFOSAA	*53.0*		*"*	*50.0*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*54.4*		*"*	*47.6*		*114*	*25-200*				
Surrogate: M2-8:2 FTS	*63.6*		*"*	*48.0*		*133*	*25-200*				
Surrogate: M9PFNA	*15.3*		*"*	*12.5*		*123*	*25-150*				
Surrogate: M2-4:2 FTS	*48.3*		*"*	*46.9*		*103*	*25-150*				
Surrogate: d-N-MeFOSA	*31.5*		*"*	*25.0*		*126*	*25-150*				
Surrogate: d-N-EtFOSA	*27.0*		*"*	*25.0*		*108*	*25-150*				
Surrogate: M3HFPO-DA	*77.7*		*"*	*100*		*77.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*241*		*"*	*250*		*96.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*237*		*"*	*250*		*94.7*	*25-150*				
LCS (BC51441-BS2)								Prepared: 03/19/2025 Analyzed: 03/21/2025			
Perfluorobutanesulfonic acid (PFBS)	4.10	1.77	ng/L	3.54		116	50-150				
Perfluorohexanoic acid (PFHxA)	4.56	2.00	"	4.00		114	50-150				
Perfluoroheptanoic acid (PFHpA)	5.12	2.00	"	4.00		128	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.19	1.83	"	3.66		115	50-150				
Perfluorooctanoic acid (PFOA)	4.01	2.00	"	4.00		100	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.99	1.86	"	3.72		107	50-150				
Perfluorononanoic acid (PFNA)	4.30	2.00	"	4.00		107	50-150				
Perfluorodecanoic acid (PFDA)	5.41	2.00	"	4.00		135	50-150				
Perfluoroundecanoic acid (PFUnA)	4.08	2.00	"	4.00		102	50-150				
Perfluorododecanoic acid (PFDoA)	4.23	2.00	"	4.00		106	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.43	2.00	"	4.00		111	50-150				
Perfluorotetradecanoic acid (PFTA)	4.55	2.00	"	4.00		114	50-150				
N-MeFOSAA	4.24	2.00	"	4.00		106	50-150				
N-EtFOSAA	4.95	2.00	"	4.00		124	50-150				
Perfluoropentanoic acid (PFPeA)	8.97	4.00	"	8.00		112	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.92	2.00	"	4.00		123	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.05	1.91	"	3.82		132	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.88	1.93	"	3.86		101	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.8	7.60	"	15.2		90.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.8	7.68	"	15.4		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.5	8.00	"	16.0		84.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.52	3.56	"	7.12		120	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.99	4.00	"	8.00		125	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.848	4.00	"	8.00		10.6	50-150	Low Bias			

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51441 - EPA 1633 Prep											
LCS (BC51441-BS2)								Prepared: 03/19/2025 Analyzed: 03/21/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	12.6	4.00	ng/L	8.00		158	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	4.06	1.88	"	3.76		108	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.9	7.50	"	15.0		106	50-150				
HFPO-DA (Gen-X)	10.7	8.00	"	8.00		133	50-150				
11CL-PF3OUdS	12.4	7.56	"	7.56		164	50-150	High Bias			
9CL-PF3ONS	13.0	7.48	"	7.48		174	50-150	High Bias			
ADONA	13.9	7.56	"	7.56		184	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	2.61	1.94	"	3.88		67.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.10	1.92	"	3.84		133	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.37	5.00	"	16.0		52.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	85.0	25.0	"	80.0		106	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	84.9	25.0	"	80.0		106	50-150				
N-MeFOSE	53.0	20.0	"	40.0		132	50-150				
N-MeFOSA	4.07	2.00	"	4.00		102	50-150				
N-EtFOSE	39.2	20.0	"	40.0		98.0	50-150				
N-EtFOSA	3.83	2.00	"	4.00		95.7	50-150				
Surrogate: M3PFBS	*31.2*		*"*	*23.3*		*134*	*25-150*				
Surrogate: M5PFHxA	*30.2*		*"*	*25.0*		*121*	*25-150*				
Surrogate: M4PFHpA	*27.2*		*"*	*25.0*		*109*	*25-150*				
Surrogate: M3PFHxS	*30.9*		*"*	*23.7*		*130*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.6*		*"*	*25.0*		*134*	*25-150*				
Surrogate: M6PFDA	*16.1*		*"*	*12.5*		*129*	*25-150*				
Surrogate: M7PFUdA	*16.3*		*"*	*12.5*		*130*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.0*		*"*	*12.5*		*128*	*25-150*				
Surrogate: M2PFTeDA	*11.7*		*"*	*12.5*		*93.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.27*		*"*	*100*		*3.27*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.3*		*"*	*24.0*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*37.4*		*"*	*50.0*		*74.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.9*		*"*	*25.0*		*115*	*10-150*				
Surrogate: d3-N-MeFOSAA	*54.0*		*"*	*50.0*		*108*	*25-150*				
Surrogate: d5-N-EtFOSAA	*51.8*		*"*	*50.0*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*56.2*		*"*	*47.6*		*118*	*25-200*				
Surrogate: M2-8:2 FTS	*56.8*		*"*	*48.0*		*118*	*25-200*				
Surrogate: M9PFNA	*16.3*		*"*	*12.5*		*131*	*25-150*				
Surrogate: M2-4:2 FTS	*51.2*		*"*	*46.9*		*109*	*25-150*				
Surrogate: d-N-MeFOSA	*32.3*		*"*	*25.0*		*129*	*25-150*				
Surrogate: d-N-EtFOSA	*31.0*		*"*	*25.0*		*124*	*25-150*				
Surrogate: M3HFPO-DA	*83.7*		*"*	*100*		*83.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*245*		*"*	*250*		*97.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*233*		*"*	*250*		*93.2*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51917 - EPA 1633 Prep											
Blank (BC51917-BLK1)											Prepared: 03/26/2025 Analyzed: 03/27/2025
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*35.9*		*"*	*23.3*		*154*	*25-150*				
Surrogate: M5PFHxA	*32.3*		*"*	*25.0*		*129*	*25-150*				
Surrogate: M4PFHpA	*31.8*		*"*	*25.0*		*127*	*25-150*				
Surrogate: M3PFHxS	*34.6*		*"*	*23.7*		*146*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*35.8*		*"*	*25.0*		*143*	*25-150*				
Surrogate: M6PFDA	*16.5*		*"*	*12.5*		*132*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51917 - EPA 1633 Prep											
Blank (BC51917-BLK1)									Prepared: 03/26/2025 Analyzed: 03/27/2025		
Surrogate: M7PFUdA	*14.3*		*ng/L*	*12.5*		*115*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.3*		*"*	*12.5*		*98.6*	*25-150*				
Surrogate: M2PFTeDA	*10.3*		*"*	*12.5*		*82.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*78.4*		*"*	*100*		*78.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.7*		*"*	*24.0*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*71.1*		*"*	*50.0*		*142*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.1*		*"*	*25.0*		*112*	*10-150*				
Surrogate: d3-N-MeFOSAA	*70.8*		*"*	*50.0*		*142*	*25-150*				
Surrogate: d5-N-EtFOSAA	*63.3*		*"*	*50.0*		*127*	*25-150*				
Surrogate: M2-6:2 FTS	*77.5*		*"*	*47.6*		*163*	*25-200*				
Surrogate: M2-8:2 FTS	*122*		*"*	*48.0*		*254*	*25-200*				
Surrogate: M9PFNA	*16.3*		*"*	*12.5*		*131*	*25-150*				
Surrogate: M2-4:2 FTS	*71.0*		*"*	*46.9*		*151*	*25-150*				
Surrogate: d-N-MeFOSA	*14.4*		*"*	*25.0*		*57.5*	*25-150*				
Surrogate: d-N-EtFOSA	*18.0*		*"*	*25.0*		*72.0*	*25-150*				
Surrogate: M3HFPO-DA	*76.9*		*"*	*100*		*76.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*238*		*"*	*250*		*95.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*218*		*"*	*250*		*87.3*	*25-150*				
LCS (BC51917-BS1)									Prepared: 03/26/2025 Analyzed: 03/27/2025		
Perfluorobutanesulfonic acid (PFBS)	32.1	1.77	ng/L	35.4		90.8	50-150				
Perfluorohexanoic acid (PFHxA)	35.1	2.00	"	40.0		87.8	50-150				
Perfluoroheptanoic acid (PFHpA)	43.2	2.00	"	40.0		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	34.1	1.83	"	36.6		93.2	50-150				
Perfluorooctanoic acid (PFOA)	32.9	2.00	"	40.0		82.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	37.6	1.86	"	37.2		101	50-150				
Perfluorononanoic acid (PFNA)	36.6	2.00	"	40.0		91.5	50-150				
Perfluorodecanoic acid (PFDA)	35.9	2.00	"	40.0		89.7	50-150				
Perfluoroundecanoic acid (PFUnA)	39.0	2.00	"	40.0		97.4	50-150				
Perfluorododecanoic acid (PFDoA)	32.2	2.00	"	40.0		80.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	41.2	2.00	"	40.0		103	50-150				
Perfluorotetradecanoic acid (PFTA)	35.2	2.00	"	40.0		87.9	50-150				
N-MeFOSAA	36.7	2.00	"	40.0		91.8	50-150				
N-EtFOSAA	38.6	2.00	"	40.0		96.4	50-150				
Perfluoropentanoic acid (PFPeA)	72.2	4.00	"	80.0		90.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	32.3	2.00	"	40.0		80.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	35.6	1.91	"	38.2		93.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	31.7	1.93	"	38.6		82.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	134	7.60	"	152		88.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	144	7.68	"	154		93.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	148	8.00	"	160		92.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	70.6	3.56	"	71.2		99.1	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	71.6	4.00	"	80.0		89.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	57.1	4.00	"	80.0		71.4	50-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51917 - EPA 1633 Prep											
LCS (BC51917-BS1)								Prepared: 03/26/2025 Analyzed: 03/27/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	75.9	4.00	ng/L	80.0		94.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	34.0	1.88	"	37.6		90.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	141	7.50	"	150		94.2	50-150				
HFPO-DA (Gen-X)	75.1	8.00	"	80.0		93.9	50-150				
11CL-PF3OUdS	86.1	7.56	"	75.6		114	50-150				
9CL-PF3ONS	98.6	7.48	"	74.8		132	50-150				
ADONA	114	7.56	"	75.6		151	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	23.8	1.94	"	38.8		61.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	37.8	1.92	"	38.4		98.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	150	5.00	"	160		93.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	749	25.0	"	800		93.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	777	25.0	"	800		97.1	50-150				
N-MeFOSE	334	20.0	"	400		83.5	50-150				
N-MeFOSA	32.7	2.00	"	40.0		81.8	50-150				
N-EtFOSE	333	20.0	"	400		83.3	50-150				
N-EtFOSA	34.4	2.00	"	40.0		86.0	50-150				
Surrogate: M3PFBS	*34.0*		*"*	*23.3*		*146*	*25-150*				
Surrogate: M5PFHxA	*31.7*		*"*	*25.0*		*127*	*25-150*				
Surrogate: M4PFHpA	*29.7*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M3PFHxS	*33.9*		*"*	*23.7*		*143*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.8*		*"*	*25.0*		*139*	*25-150*				
Surrogate: M6PFDA	*15.8*		*"*	*12.5*		*126*	*25-150*				
Surrogate: M7PFUdA	*13.8*		*"*	*12.5*		*110*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.1*		*"*	*12.5*		*96.9*	*25-150*				
Surrogate: M2PFTeDA	*9.93*		*"*	*12.5*		*79.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*61.9*		*"*	*100*		*61.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.1*		*"*	*24.0*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*66.1*		*"*	*50.0*		*132*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.8*		*"*	*25.0*		*115*	*10-150*				
Surrogate: d3-N-MeFOSAA	*71.5*		*"*	*50.0*		*143*	*25-150*				
Surrogate: d5-N-EtFOSAA	*66.5*		*"*	*50.0*		*133*	*25-150*				
Surrogate: M2-6:2 FTS	*74.8*		*"*	*47.6*		*157*	*25-200*				
Surrogate: M2-8:2 FTS	*130*		*"*	*48.0*		*272*	*25-200*				
Surrogate: M9PFNA	*15.2*		*"*	*12.5*		*122*	*25-150*				
Surrogate: M2-4:2 FTS	*70.8*		*"*	*46.9*		*151*	*25-150*				
Surrogate: d-N-MeFOSA	*14.8*		*"*	*25.0*		*59.1*	*25-150*				
Surrogate: d-N-EtFOSA	*14.2*		*"*	*25.0*		*56.7*	*25-150*				
Surrogate: M3HFPO-DA	*79.9*		*"*	*100*		*79.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*239*		*"*	*250*		*95.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*240*		*"*	*250*		*96.2*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51917 - EPA 1633 Prep											
LCS (BC51917-BS2)								Prepared: 03/26/2025 Analyzed: 03/27/2025			
Perfluorobutanesulfonic acid (PFBS)	2.97	1.77	ng/L	3.54		84.0	50-150				
Perfluorohexanoic acid (PFHxA)	3.37	2.00	"	4.00		84.2	50-150				
Perfluoroheptanoic acid (PFHpA)	3.71	2.00	"	4.00		92.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.23	1.83	"	3.66		88.2	50-150				
Perfluorooctanoic acid (PFOA)	3.11	2.00	"	4.00		77.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.00	1.86	"	3.72		80.6	50-150				
Perfluorononanoic acid (PFNA)	3.51	2.00	"	4.00		87.9	50-150				
Perfluorodecanoic acid (PFDA)	3.74	2.00	"	4.00		93.6	50-150				
Perfluoroundecanoic acid (PFUnA)	2.93	2.00	"	4.00		73.2	50-150				
Perfluorododecanoic acid (PFDoA)	3.42	2.00	"	4.00		85.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.29	2.00	"	4.00		82.3	50-150				
Perfluorotetradecanoic acid (PFTA)	3.02	2.00	"	4.00		75.5	50-150				
N-MeFOSAA	3.46	2.00	"	4.00		86.5	50-150				
N-EtFOSAA	3.31	2.00	"	4.00		82.8	50-150				
Perfluoropentanoic acid (PFPeA)	7.21	4.00	"	8.00		90.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.76	2.00	"	4.00		94.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.73	1.91	"	3.82		97.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.49	1.93	"	3.86		64.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	10.2	7.60	"	15.2		66.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	13.0	7.68	"	15.4		84.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.4	8.00	"	16.0		90.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.92	3.56	"	7.12		97.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.18	4.00	"	8.00		102	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	5.13	4.00	"	8.00		64.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.35	4.00	"	8.00		91.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.36	1.88	"	3.76		89.3	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	13.2	7.50	"	15.0		87.9	50-150				
HFPO-DA (Gen-X)	8.60	8.00	"	8.00		107	50-150				
11CL-PF3OUdS	10.2	7.56	"	7.56		135	50-150				
9CL-PF3ONS	11.0	7.48	"	7.48		147	50-150				
ADONA	11.9	7.56	"	7.56		158	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	1.70	1.94	"	3.88		43.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.30	1.92	"	3.84		85.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	10.4	5.00	"	16.0		65.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	53.1	25.0	"	80.0		66.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	51.1	25.0	"	80.0		63.9	50-150				
N-MeFOSE	31.0	20.0	"	40.0		77.6	50-150				
N-MeFOSA	3.03	2.00	"	4.00		75.7	50-150				
N-EtFOSE	28.0	20.0	"	40.0		70.0	50-150				
N-EtFOSA	2.23	2.00	"	4.00		55.7	50-150				
Surrogate: M3PFBS	*31.8*		*"*	*23.3*		*136*	*25-150*				
Surrogate: M5PFHxA	*30.7*		*"*	*25.0*		*123*	*25-150*				
Surrogate: M4PFHpA	*28.8*		*"*	*25.0*		*115*	*25-150*				
Surrogate: M3PFHxS	*30.6*		*"*	*23.7*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.2*		*"*	*25.0*		*129*	*25-150*				
Surrogate: M6PFDA	*15.0*		*"*	*12.5*		*120*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC51917 - EPA 1633 Prep											
LCS (BC51917-BS2)											
Surrogate: M7PFUdA	*14.1*		*ng/L*	*12.5*		*113*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.8*		*"*	*12.5*		*94.8*	*25-150*				
Surrogate: M2PFTeDA	*11.1*		*"*	*12.5*		*88.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*57.5*		*"*	*100*		*57.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.5*		*"*	*24.0*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*64.1*		*"*	*50.0*		*128*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.5*		*"*	*25.0*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*56.2*		*"*	*50.0*		*112*	*25-150*				
Surrogate: d5-N-EtFOSAA	*52.5*		*"*	*50.0*		*105*	*25-150*				
Surrogate: M2-6:2 FTS	*59.2*		*"*	*47.6*		*125*	*25-200*				
Surrogate: M2-8:2 FTS	*55.2*		*"*	*48.0*		*115*	*25-200*				
Surrogate: M9PFNA	*15.0*		*"*	*12.5*		*120*	*25-150*				
Surrogate: M2-4:2 FTS	*63.7*		*"*	*46.9*		*136*	*25-150*				
Surrogate: d-N-MeFOSA	*18.1*		*"*	*25.0*		*72.4*	*25-150*				
Surrogate: d-N-EtFOSA	*15.1*		*"*	*25.0*		*60.4*	*25-150*				
Surrogate: M3HFPO-DA	*80.2*		*"*	*100*		*80.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*288*		*"*	*250*		*115*	*25-150*				
Surrogate: d7-N-MeFOSE	*276*		*"*	*250*		*110*	*25-150*				

Prepared: 03/26/2025 Analyzed: 03/27/2025

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25C0791-01	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25C0791-02	MW-2-DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25C0791-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25C0791-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25C0791-05	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25C0791-06	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25C0791-07	FB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25C0791-08	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25C0791

Report To:	Invoice To:
Company: Tenen Environmental	Company: 〃 〃
Address: 121 W 27th #303 NY, NY 10001	Address: 〃 〃
Phone: 646-606-2332	Phone.: 〃 〃
Contact: A. Platt	Contact: V. Martinez
E-mail: aplatt@tenen-env.com	E-mail: Vmartinez@tenen-env.com

YOUR Project Name / Number: 2921 Westchester

PO Number: 2921 Westchester

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day [ ]; RUSH - Two Day [ ]; RUSH - Three Day [ ]; RUSH - Four Day [ ]; RUSH - Five Day [ ]; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Ashley Platt

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	PFAS by EPA 1633	Grab or Comp.
MW-2	3/12/25	8:40	GW	2	3									X	X	G/C
MW-2-DUP		8:45												X	X	
MW-3		12:30												X	X	
MW-4		10:35												X	X	
MW-5		11:20												X	X	
MW-8		7:30												X	X	
FB		7:40	AQ											X	X	
TB					2									X		

Report Type (circle): ~~QA Report~~; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in) NYSDEC AWQS

Field Filtered [ ]; Lab Filtered [X]

Comments: MS/MSD from MW-2. cat B deliverables

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/12/24 1411		3/12/25 14:11 4.1	3/12/25	14:11
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
A. Husain	3/12/25 14:11	A. Husain	3/12/25 20:40		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					3/12/25 20:40 3.1 Degrees C

L.A.B. Validation Corp, 14 West Point Drive, East Northport, NY 11731

DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY

ORGANIC/INORGANIC ANALYSES

**DISSOLVED GASES [METHANE/ETHANE/ETHENE]
BY EPA RSK METHOD 175
TOTAL IRON BY ICP METHOD 6010D
GENERAL CHEMISTRY ANALYSIS FOR:
CHLORIDE, NITRATE, NITRITE, SULFATE,
FERRIC IRON, FERROUS IRON, ALKALINITY,
SULFIDE, COD AND TOC**

**For Groundwater Samples Collected
March 12, 2025**

**From 2921 Westchester Avenue
Bronx, New York
Collected by Tenen Environmental**

**SAMPLE DELIVERY GROUP NUMBER:
25C0780
BY YORK ANALYTICAL (ELAP #10854)**

SUBMITTED TO:

**Ashley Platt
Tenen Environmental
121 West 27th Street, Suite 303
New York, NY 10001**

September 25, 2025

PREPARED BY:

**Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731**

Lori A. Bey

(516) 523-7891; email LABValidation@aol.com

2921 Westchester Avenue, Bronx, New York
Groundwater Data Usability Summary Report (Data Validation)
March 2025 Sampling Event; Analysis for Dissolved Gases, Total Iron, Chloride, Nitrate, Nitrite, Sulfate, Ferric Iron, Ferrous Iron, Alkalinity, Sulfide, Chemical Oxygen Demand, and Total Organic Carbon.

Table of Contents:

A validation was performed on groundwater samples for organic/inorganic analysis for samples collected under chain of custody documentation by Tenen Environmental and submitted to York Analytical for subsequent analysis. This report contains the laboratory and validation results for the field samples itemized below. Analysis was performed in accordance with requested tests on the chain of custody. York Analytical analyzed the samples utilizing SW846, Standard and EPA Methods and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing for soil and groundwater samples consisted of Methane, Ethane, Ethene, Total Iron, Chloride, Nitrate, Nitrite, Sulfate, Ferric Iron, Ferrous Iron, Alkalinity, Sulfide, COD and TOC.

The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic and Inorganic Data Review and EPA Region II SOPs Metals and in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

The data validation report is limited to the following samples and analysis:

Sample ID	Lab ID	Analysis	Date Collected/ Received
MW-3	25C0780-01	Methane, Ethane, Ethene, Total Iron, Chloride, Nitrate, Nitrite, Sulfate, Ferric Iron, Ferrous Iron, Alkalinity, Sulfide, Chemical Oxygen Demand, Total Organic Carbon	03/12/2025
MW-5	25C0780-02	Methane, Ethane, Ethene, Total Iron, Chloride, Nitrate, Nitrite, Sulfate, Ferric Iron, Ferrous Iron, Alkalinity, Sulfide, Chemical Oxygen Demand, Total Organic Carbon	03/12/2025

Data Qualifier Definitions:
The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

D - Analyte concentration is from diluted analysis.

Sample Receipt:
The Chain of Custody document indicates that the samples were received at York Analytical via laboratory courier upon completion of the sampling event. Sample login notes were generated. The cooler temperature for the sample receipt was recorded upon receipt and determined to be acceptable (<6.0 degrees C). The actual temperature (4.1 degrees C) is recorded on the chain of custody provided in the Appendix A of this report.

No problems and/or discrepancies were noted that impact data quality, consequently, the integrity of the samples has been assumed to be good.

The data summary Form I's included in Appendix B includes all usable (qualified) and unusable (rejected) results for the samples identified above. The Form I's summarize the detailed narrative section of the report.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Dissolved Gases by EPA Method RSK 175

The following method criteria were reviewed: Holding Time, Laboratory Duplicate, Method Blanks, Calibrations, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Methane, Ethane, and Ethene results are valid and usable as noted within the following text:

1.1 Holding Time

The amount of analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

The sample analysis was conducted within 14 days from sample collection. No data validation qualifiers were required based upon holding time or sample preservation.

1.2 Blank Contamination

Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations.

Methane, Ethane, and Ethene were not detected in the method blanks.

1.3 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can produce acceptable performance at the beginning of an experimental sequence. The continuing calibration checks support that the instrument is giving satisfactory daily performance.

Initial and continuing calibration verifications were acceptable.

1.4 Laboratory Duplicate

Laboratory duplicate samples are collected and analyzed as an indication of overall precision.

An acceptable RPD is 25% for detections greater than the reporting limit. Professional judgment is utilized for analytes that demonstrate high percent difference.

Laboratory Duplicate analysis was performed on MW-5. Precision is acceptable. Methane, Ethane, or Ethene were not detected in the parent or duplicate. No qualifiers were applied.

1.5 Target Compound List Identification

TCL compounds are identified on the GC using the analyte's relative retention time (RRT) obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound.

Retention times were within required specifications.

1.6 Compound Quantification and Reported Detection Limits

GC FID quantitative analyses is acceptable.

Samples were analyzed undiluted.

1.7 Overall System Performance

Good resolution and chromatographic performance were observed.

2.0 Total Iron by ICP SW846 Method 6010D

The following method criteria were reviewed: holding times, CRDL standards, calibration, blanks, MS, laboratory duplicate, LCS, interference check sample, serial dilutions, and sample results verification. The Iron results are valid and usable with the appropriate qualifiers as noted in the following text:

2.1 Holding Time

The amount of analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

Samples were digested and analyzed for Total Iron within the method required holding times and the technical holding times for data validation (180 days). No qualifications were applied based upon holding time criteria.

2.2 Calibration (ICV/CCV)

Satisfactory instrument calibration is established to ensure that the instruments can produce acceptable quantitative data. An initial calibration demonstrates that the instruments can give acceptable performance at the beginning of an experimental sequence. The continuing calibration checks support that the instruments are giving satisfactory sequential performance and that the initial calibration is still valid.

Initial and Continuing calibration checks were within acceptable limits. For ICP analysis, satisfactory instrument performance near the Contract Required Detection Limit (CRDL) was demonstrated by analyzing a CRDL standard. Recovery was acceptable.

No qualifications were applied based upon calibration data.

2.3 Blanks

Quality assurance (QA) blanks, i.e., method, field or preparation blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Preparation blanks measure laboratory contamination. Field blanks measure cross-contamination of samples during field operations.

Acceptable blanks were analyzed. Iron was not detected in the digestion blank associated with field samples. No qualifications to the data were made based upon blank contamination.

2.4 Spiked Sample Recovery

The spike data are generated to determine the long terms precision and accuracy of the analytical method in various matrices.

Spike recoveries are qualified based on the criteria below:
<30%- "R" all detects and non-detects.
Between 30%-74% - results >/=MDL "J-" and non-detects "UJ."
Between 126-150% - results >/=MDL "J+" and no qualifiers for non-detects.

Matrix Spike analysis was conducted on MW-5. Recovery (86.2%) was within limits of 75-125%. Post digestion recovery (95.2%) was also within limits.

2.5 Laboratory Duplicate

The laboratory uses duplicate sample determinations to demonstrate acceptable method precision at the time of analysis. Duplicate analyses are also performed to generate data to determine the long-term precision of the analytical method on various matrices.

Aqueous Laboratory Duplicates:
RPD >20% but <100% - J detected concentrations.
RPD >/=100% - R all detected and non-detected concentrations

Laboratory duplicate analysis on MW-5 (1.09 mg/L vs. 0.911 mg/l) yielded acceptable RPD (17.6%). No qualifiers were applied.

2.6 Laboratory Control Sample

The laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous and solid Laboratory Control samples shall be analyzed for each analyte utilizing the same sample preparation, analytical methods and QA/QC procedures as employed for the samples.

An acceptable LCS was analyzed and reported for Iron analysis. Associated LCS recovery (102%) was within acceptable limits for Metals analyses (80-120%).

2.7 Interference Check Sample

The interference check sample (ICS) verifies the laboratory's interelement and background correction factors. The ICS consists of two solutions, A and AB. Solution A consists of interference, and solution AB consists of the analytes mixed with interferents.

SW846 Method 6010D requires solution A and solution AB to be analyzed separately. The recoveries for the ICP interference check sample were all within the acceptable limits of 80-120% (ICS A – 99.1% and ICS B – 98.2%). No data qualifications were made based upon ICS analysis.

2.8 ICP Serial Dilution

The serial dilution of samples quantitated by ICP determines whether significant physical or chemical interferences exist due to sample matrix. An ICP serial dilution analysis must be performed on a sample for each group of samples with a similar matrix type and concentration, or for each Sample Delivery Group (SDG), whichever is more frequent.

Acceptable ICP serial dilution was provided at a 5-fold dilution as required by the method where the initial concentration is equal or greater than 50x MDL on MW-5.

2.9 Sample Results Verification

Analyte quantitation was generated in accordance with protocols. The raw data was verified and found within the linear range of each instrument used for quantitation. Raw data supplied corresponds with reported values. Verification of the calculations yielded reported results. Samples were analyzed undiluted.

2.10 Overall Assessment of Data

The Metals results are usable at the concentrations presented in the validated Form I's.

3.0 General Chemistry

The general chemistry results are valid and usable as notated in the following text:

3.1 Holding Time

The amount of analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

Analysis was performed within the method holding times for each test except for Ferrous Iron. Ferrous Iron holding time is 24 hours from collection. Non-detects for Ferrous Iron have been qualified, "UJ." No additional qualifiers were applied based on holding times.

3.2 Calibration (Initial and Continuing Calibration Verifications)

Acceptable ICVs and CCVs were analyzed for each method. No qualifications were applied based upon calibration data.

3.3 Blanks

Quality assurance (QA) blanks, i.e., method, field or preparation blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Preparation blanks measure laboratory contamination. Field blanks measure cross-contamination of samples during field operations.

Acceptable method blanks, ICBs and CCBs were analyzed.

3.4 Spiked Sample Recovery

The spike data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

MS data was not provided in the lab report for general chemistry tests. Sample results were evaluated based on LCS/LCS duplicate data.

3.5 Laboratory Duplicate

The laboratory uses duplicate sample determinations to demonstrate acceptable method precision at the time of analysis. Duplicate analyses are also performed to generate data to determine the long-term precision of the analytical method on various matrices.

Acceptable RPD was obtained for Ferrous Iron, and Alkalinity laboratory duplicates.

3.6 Laboratory Control Sample/Laboratory Control Duplicate

The laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous and solid Laboratory Control samples shall be analyzed for each analyte utilizing the same sample preparation, analytical methods and QA/QC procedures as employed for the samples.

Acceptable LCS and LCS Duplicates were analyzed. Recovery values were determined to be acceptable.

3.7 Sample Results Verification

Analyte quantitation was generated in accordance with protocols. The instrument logs were verified and found within the linear ranges of the instrument used for quantitation. MW-3, and MW-5 were analyzed at 1:100 dilutions. Results are qualified, "D."

3.8 Overall Assessment of Data

The data was of acceptable quality.

Reviewer's Signature Lou A. Bg **Date** 09/25/2025

Appendix A
Chain of Custody Document

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25C0780

Page 1 of 1

Report To:	Invoice To:
Company: Tenen Environmental	Company: " "
Address:	Address:
Phone:	Phone:
Contact: A. Platt	Contact: V. Martinez
E-mail: aplatt@tenen-env.com	E-mail: vmartinez@tenen-env.com

YOUR Project Name / Number: 2921 Westchester.

PO Number: 2921 Westchester

Samples Collected From: NY X, NJ, CT, PA, Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Ashley Platt

Ashley J Platt

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: HP309	Chloride + sulfate	Dissolved gases	Nitrite/Nitrate	Total Alkalinity	Sulfide	TOC	COD	Ferrous/Ferric/Total Iron	Grab or Comp.
MW-3	3/12/25	12:30	GW	5			1	1	1				2	X	X	X	X	X	X	X	X	G/C
MW-5	↓	11:20	↓	5			1	1	1				2	X	X	X	X	X	X	X	X	G/C

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

N/A

Field Filtered; Lab Filtered X

Comments: Cat B deliverables

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / (N) Containers Intact: (Y) / N COC/Labels Agree: (Y) N Preservation Confirmed: (Y) / N

COC Complete: (Y) / N COC Received: (Y) / N Appropriate Sample Volumes: (Y) / N Appropriate Sample Containers: (Y) N

Cooler Temperature Confirmed: (Y) / N Samples Submitted within Holding Times: (Y) / N Corrective Action Form Required: Y / (N)

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	3/12/25 1411	[signature]	3/12/25 14:11 4.1	[signature]	3/12/25 14:11
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
A. Husain	3/12/25 14:11	A. Husain	3/12/25 20:40		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	3/12/25 20:40 4.1 Degrees C

Appendix B
Data Summary Form I's
With Qualifications

FORM I **ORGANIC ANALYSIS DATA SHEET**

GC/Headspace

MW-3

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25C0780
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0780-01	File ID:	GC6N2201.D
Sampled:	03/12/25 12:30	Prepared:	03/13/25 10:55	Analyzed:	03/14/25 11:15
Solids:		Preparation:	Preparation for GC Analysis	Initial/Final:	40 mL / 40 mL
Batch:	BC50987	Sequence:		Calibration:	Instrument: GCFID6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-82-8	Methane	1	10	U
74-84-0	Ethane	1	10	U
74-85-1	Ethylene (Ethene)	1	10	U

* Values outside of QC limits

9/24/2025

FORM I **ORGANIC ANALYSIS DATA SHEET**

GC/Headspace

MW-5

Laboratory:	York Analytical Laboratories, Inc.		SDG:	25C0780	
Client:	Tenen Environmental		Project:	2921 Westchester Ave	
Matrix:	Ground Water	Laboratory ID:	25C0780-02	File ID:	GC6N2202.D
Sampled:	03/12/25 11:20	Prepared:	03/13/25 10:55	Analyzed:	03/14/25 11:24
Solids:		Preparation:	Preparation for GC Analysis	Initial/Final:	40 mL / 40 mL
Batch:	BC50987	Sequence:		Calibration:	Instrument: GCFID6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-82-8	Methane	1	10	U
74-84-0	Ethane	1	10	U
74-85-1	Ethylene (Ethene)	1	10	U

* Values outside of QC limits

9/24/2025

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-01 File ID: QBI031725A_WATER-155

Sampled: 03/12/25 12:30 Prepared: 03/17/25 08:44 Analyzed: 03/17/25 14:37

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BC51189 Sequence: S5C1728 Calibration: 03/17/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-89-6	Iron	0.524	1		EPA 6010D

9/14/2025

FORM I **INORGANIC ANALYSIS DATA SHEET**

HACH

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-01 File ID:

Sampled: 03/12/25 12:30 Prepared: 03/17/25 15:16 Analyzed: 03/17/25 15:16

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 1 mL / 1 mL

Batch: BC51253 Sequence: Calibration: 03/17/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
	Ferric Iron	0.524	1		HACH
7439-89-6	Ferrous Iron	0.200	1	~~U~~ UJ	HACH

9/24/2025

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-02 File ID: QBI031725A_WATER-156

Sampled: 03/12/25 11:20 Prepared: 03/17/25 08:44 Analyzed: 03/17/25 14:38

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BC51189 Sequence: S5C1728 Calibration: 03/17/25 1 Instrument: ICP5900-01

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-89-6	Iron	1.09	1		EPA 6010D

9/24/2025

FORM I **INORGANIC ANALYSIS DATA SHEET**

HACH

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-02 File ID:

Sampled: 03/12/25 11:20 Prepared: 03/17/25 15:16 Analyzed: 03/17/25 15:16

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 1 mL / 1 mL

Batch: BC51253 Sequence: Calibration: 03/17/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
	Ferric Iron	1.09	1		HACH
7439-89-6	Ferrous Iron	0.200	1	U J	HACH

9/24/2025

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 300.0

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-01 File ID: QBIC2-031425A-25C0780-01_In

Sampled: 03/12/25 12:30 Prepared: 03/15/25 01:11 Analyzed: 03/15/25 01:11

Solids: 0.00 Preparation: EPA 300 Initial/Final: 5.5 mL / 5.5 mL

Batch: BC51238 Sequence: Calibration: 03/15/25 0 Instrument: CD

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16887-00-6	Chloride	232	100	D	EPA 300.0
14797-55-8	Nitrate as N	1.82	1		EPA 300.0
14797-65-0	Nitrite as N	0.0500	1	U	EPA 300.0
14808-79-8	Sulfate	114	100	D	EPA 300.0

9/24/25

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 300.0

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-02 File ID: QBIC2-031425A-25C0780-02_In

Sampled: 03/12/25 11:20 Prepared: 03/15/25 01:22 Analyzed: 03/15/25 01:22

Solids: 0.00 Preparation: EPA 300 Initial/Final: 5.5 mL / 5.5 mL

Batch: BC51238 Sequence: Calibration: 03/15/25 0 Instrument: CD

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16887-00-6	Chloride	477	100	D	EPA 300.0
14797-55-8	Nitrate as N	0.0500	1	U	EPA 300.0
14797-65-0	Nitrite as N	0.0500	1	U	EPA 300.0
14808-79-8	Sulfate	175	100	D	EPA 300.0

9/24/2025

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2320B

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-01 File ID:

Sampled: 03/12/25 12:30 Prepared: 03/13/25 07:03 Analyzed: 03/13/25 15:24

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 25 mL / 25 mL

Batch: BC50929 Sequence: Calibration: 03/13/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
14807-96-6	Alkalinity, total	170	1		SM 2320B

9/24/25

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2320B

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-02 File ID:

Sampled: 03/12/25 11:20 Prepared: 03/13/25 07:03 Analyzed: 03/13/25 15:24

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 25 mL / 25 mL

Batch: BC50929 Sequence: Calibration: 03/13/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
14807-96-6	Alkalinity, total	200	1		SM 2320B

9/24/2025

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 4500-S F

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-01 File ID:

Sampled: 03/12/25 12:30 Prepared: 03/17/25 15:00 Analyzed: 03/18/25 16:25

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 250 mL / 250 mL

Batch: BC51245 Sequence: Calibration: 03/18/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18496-25-8	Sulfide	1.0	1	U	SM 4500-S F

9/24/20

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 4500-S F

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-02 File ID:

Sampled: 03/12/25 11:20 Prepared: 03/17/25 15:00 Analyzed: 03/18/25 16:25

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 250 mL / 250 mL

Batch: BC51245 Sequence: Calibration: 03/18/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18496-25-8	Sulfide	1.0	1	U	SM 4500-S F

9/24/2025

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 5220 D

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-01 File ID: COD_SPECB_BC51059_250314

Sampled: 03/12/25 12:30 Prepared: 03/14/25 08:10 Analyzed: 03/14/25 12:55

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 2 mL / 2 mL

Batch: BC51059 Sequence: Calibration: 03/14/25 1 Instrument: SPEC B

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
COD	Chemical Oxygen Demand (COD)	32	1		SM 5220 D

9/24/2025

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 5220 D

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-02 File ID: COD_SPECB_BC51059_250314]

Sampled: 03/12/25 11:20 Prepared: 03/14/25 08:10 Analyzed: 03/14/25 12:55

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 2 mL / 2 mL

Batch: BC51059 Sequence: Calibration: 03/14/25 1 Instrument: SPEC B

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
COD	Chemical Oxygen Demand (COD)	69	1		SM 5220 D

9/24/2025

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 5310B-2014

MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-01 File ID:

Sampled: 03/12/25 12:30 Prepared: 03/13/25 08:34 Analyzed: 03/13/25 16:03

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 50 mL / 50 mL

Batch: BC50948 Sequence: Calibration: 03/13/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
TOC	Total Organic Carbon (TOC)	2.03	1		SM 5310B-2014

9/24/2025

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 5310B-2014

MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 25C0780

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0780-02 File ID:

Sampled: 03/12/25 11:20 Prepared: 03/13/25 08:34 Analyzed: 03/13/25 16:03

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 50 mL / 50 mL

Batch: BC50948 Sequence: Calibration: 03/13/25 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
TOC	Total Organic Carbon (TOC)	5.00	1		SM 5310B-2014

9/24/2025

L.A.B. Validation Corp, 14 West Point Drive, East Northport, NY 11731

DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY

ORGANIC ANALYSES

VOLATILES BY GC/MS METHOD 8260D
PER- AND POLYFLUOROALKYL SUBSTANCES - PFAS
BY LIQUID CHROMATOGRAPHY/TANDEM MASS SPECTROMETRY (LC/MS/MS)
BY DRAFT EPA METHOD 1633

For Groundwater Samples Collected
March 12, 2025

From 2921 Westchester Avenue
Bronx, New York
Collected by Tenen Environmental

SAMPLE DELIVERY GROUP NUMBER:
25C0791
BY YORK ANALYTICAL (ELAP #10854)

SUBMITTED TO:

Ashley Platt
Tenen Environmental
121 West 27th Street, Suite 303
New York, NY 10001

September 17, 2025

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731

(516) 523-7891; email LABValidation@aol.com

2921 Westchester Avenue, Bronx, New York
Groundwater Data Usability Summary Report (Data Validation)
March 2025 Sampling Event; Analysis for Volatiles, and PFAS.

Table of Contents:

Introduction:

A validation was performed on groundwater samples and the associated quality control samples (MS/MSD, Field Duplicate, Field Blank and Trip Blank) for organic analysis for samples collected under chain of custody documentation by Tenen Environmental and submitted to York Analytical for subsequent analysis. This report contains the laboratory and validation results for the field samples itemized below. Analysis was performed in accordance with requested tests per the chain of custody document provided in Appendix A in this report.

York Analytical analyzed the samples utilizing SW846, and EPA Methods and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing for the groundwater samples consisted of Volatile Organics, and PFAS.

The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic Data Review and EPA Region II SOPs for 8260, and NYSDEC Appendix H – Data Review Guidelines for Analysis of PFAS in Non-Potable Water and Solids (April 2023) and in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

The data validation report pertains to the following samples:

Sample ID	Lab ID	Analysis	Date Collected/ Received
MW-2 [Plus, MS/MSD]	25C0791-01	Volatiles and PFAS	03/12/2025
MW-2-DUP	25C0791-02	Volatiles and PFAS	03/12/2025
MW-3	25C0791-03	Volatiles and PFAS	03/12/2025
MW-4	25C0791-04	Volatiles and PFAS	03/12/2025
MW-5	25C0791-05	Volatiles and PFAS	03/12/2025
MW-8	25C0791-06	Volatiles and PFAS	03/12/2025
FB	25C0791-07	Volatiles and PFAS	03/12/2025
TB	25C0791-08	Volatiles	03/12/2025

Data Qualifier Definitions:

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

D - Analyte concentration is from diluted analysis.

Sample Receipt:
The Chain of Custody document indicates that the samples were received at York Analytical via laboratory courier upon completion of the sampling event. Sample login notes were generated. The cooler temperature for the sample receipt was recorded upon receipt and determined to be acceptable (<6.0 degrees C). The actual temperatures (3.1/4.1degrees C) are recorded on the chain of custody document provided in Appendix A of this report.

No unresolved problems and/or discrepancies were noted that impact data quality, consequently, the integrity of the samples has been assumed to be good.

The data summary Form I's included in Appendix B includes all usable (qualified) and unusable (rejected) results for the samples identified above. The Form I's summarize the detailed narrative section of the report.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by GC/MS SW846 Method 8260D
The following method criteria were reviewed: holding times, SMCs, MS, MSD, LCS, Laboratory Spiked Blanks, Field Duplicate, Method Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Volatile results are valid and usable as noted within the following text:

1.1 Holding Time
The amount of analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

Analysis was conducted within 14 days from collection for HCL preserved vials. No data validation qualifiers were required based upon holding time or sample preservation.

1.2 System Monitoring Compound (Surrogate) Recovery
All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

Surrogate recoveries (%R) for Dibromofluoromethane, 1,2-Dichloroethane-d4, Toluene-d8 and 4-Bromofluorobenzene were found to be within acceptable limits for all field samples.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)
The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

MS/MSD was designated and performed on MW-2. RPD was <30% for all spiked compounds. Tetrachloroethene recovered below limits in the MSD (59%). Non-detects in the parent and field duplicate sample have been qualified, "UJ." Data was not qualified where analytes recovered above laboratory limits and were not detected in the parent sample (TBA and Vinyl Acetate). Elevated recovery does not support any potential loss of detection and/or result bias.

The National Functional Guidelines and EPA Region 2 SOPs state that "No qualifications to the data are necessary based on MS data alone."

1.4 Laboratory Control Sample/Laboratory Control Sample Duplicate

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS was analyzed with each sequence. Analytes that recovered below laboratory limits and were not detected in associated field samples have been qualified, "UJ."

A summary of qualified data is below:

LCS/LCS Duplicate associated with MW-2, MW-2-DUP, MW-3, MW-4, MW-5, FB, and TB yielded Tetrachloroethene (60.9%/62.2%) below limits. Results have been qualified, "J-/UJ." Additionally, Vinyl Acetate (147%/167%) and Methyl Acetate (151%) recovered above laboratory limits in the LCS and/or LCS Duplicate. These targets analytes were not detected in the corresponding field samples. Data was not qualified for these reported outliers by the laboratory. RPD was <30% for all compounds.

LCS/LCS Duplicate associated with MW-5 (diluted reanalysis), and MW-8 yielded Tetrachloroethene (62.3%/64.5%) below limits. Results have been qualified, "J-/UJ." Additionally, Vinyl Acetate (152%/171%), Methyl Acetate (161%), and Naphthalene (148%) recovered above limits. Data was not qualified. RPD was <30% for all compounds.

1.5 Blank Contamination

Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value of all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>/= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone, and acetone.
**4x the CRQL for methylene chloride, 2-butanone, and acetone
***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L. Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**
The method blank associated with the MW-2, MW-2-DUP, MW-3, MW-4, MW-5, FB, and TB yielded Methylene Chloride (0.950 ug/L) below the reporting limit. Methylene Chloride was not detected in these samples.

The method blank associated with MW-5 (diluted reanalysis), and MW-8 yielded Methylene Chloride (0.890 ug/L), and Naphthalene (0.630 ug/L) below the reporting limits. The laboratory detected concentration of Naphthalene (0.380 ug/L) in MW-8 has been negated, "U."

B) **Field Blank Contamination:**
No target compounds were detected in the Field Blank (FB).

C) **Trip Blank Contamination:**
The Trip Blank (TB) yielded Naphthalene (0.280 ug/L) below the reporting limit. The detected concentrations in MW-2, and MW-5 have been negated, "U."

1.6 GC/MS Instrument Performance Check
GCMS tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency (once prior to ICAL for 8260D) for Bromofluorobenzene (BFB) for all analyses.

1.7 Initial and Continuing Calibrations
Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can produce acceptable performance at the beginning of an experimental sequence. The continuing calibration checks support that the instrument is giving satisfactory daily performance. Initial calibration verifications were acceptable.

A) Response Factor GC/MS:
The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J." All non-detects for that compound in the corresponding samples will be rejected, "R." Method 8260D allows for a minimum response factor of 0.1 for Acetone and 2-Butanone. Validation criteria allows response factor to be /=>0.01 for poor responders (Acetone, MEK, Carbon Disulfide, Chloroethane, Chloromethane, Cyclohexane, 1,2-Dibromoethane, Dichlorodifluoromethane, cis-1,2-Dichloroethene, 1,2-Dichloropropane, 1,2-Dibromo-3-chloropropane, Isopropylbenzene, Methyl Acetate, Methylene Chloride, Methylcyclohexane, MTBE,

trans-1,2-Dichloroethene, 4-Methyl-2-Pentanone, 2-Hexanone, Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-Trifluoroethane.

Response factors for the target analytes reported were found to be within acceptable limits (>/=0.05) and (>/= 0.01 for poor responders) and minimum response criteria for the initial and continuing calibrations except for 1,2-dibromo-2-chloropropane (0.0418), 1,4-Dioxane (0.0009), 2-Butanone (0.0429), and TBA (0.0261). Correlation coefficient was acceptable and therefore data not qualified.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):
Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ." If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R," unusable. Additionally, in cases where the %RSD is >20% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-level results will be qualified, "J" in the portion of the curve where non-linearity exists. Closing CCV must meet 30% criteria. Poor responders must be </= 40%.

*Method 8260D allows for several analytes to be outside requirements due to the large number of compounds.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) and (40% for poor responders) for all reported compounds except for Acetone (113%), Acrolein (56.3%), Dichlorodifluoromethane (54.7%), and Tetrachloroethene (40.5%). Results in all samples have been qualified, "J/UJ."

Initial Calibration Verification (2nd Source): Acceptable ICV was analyzed after ICAL. The ICV %RSD were within acceptable limits (20%) and (40% for poor responders) for all reported compounds except for Acetone (113%), Acrolein (56.3%), Dichlorodifluoromethane (54.7%), and Tetrachloroethene (40.5%). Results in all samples have been qualified, "J/UJ."

Continuing Calibrations: The continuing calibrations provided and the %D were within acceptable limits (20%) and (40% for poor responders) for all reported compounds with exceptions noted below:

CCAL VOA No. 10 03/13/2025 – TBA (29.5%), Tetrachloroethene (35.9%), and Vinyl Acetate (52.1%) was outside criteria. Results have been qualified, "J/UJ" in MW-2, MW-2-DUP, MW-3, MW-4, MW-5, FB, and TB.

CAL VOA No. 10 03/14/2025 – Naphthalene (26.9%), Tetrachloroethene (40.1%, and Vinyl Acetate (38.8%) was outside criteria. Results have been qualified, "J/UJ" in MW-8. Tetrachloroethene concentration (0.380 ug/L) was previously qualified, biased low, "J-" in this sample.

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/-30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

Samples were spiked with the internal standards Fluorobenzene, Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 prior to sample analysis. Area responses and retention time of each internal standard met QC criteria in all samples. No qualifiers are required.

1.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples.

An acceptable RPD is 25% as documented in EPA Region 2 SOP HW33 for detections greater than the reporting limit. Professional judgment is utilized for analytes that demonstrate high percent difference.

Field duplicate analysis was collected on MW-2 as MW-2-DUP. Precision is acceptable. No target compounds were detected in the parent or field duplicate after correction for blank contamination.

1.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. All retention times were within required specifications.

1.11 Tentatively Identified Compounds (TICs)

TICs were not required for these sampling events. When detected the identification must be considered tentative (both quantitative and qualitative) due to the lack of required compound specific response factors. Consequently, all concentrations should be considered estimated, "J" due to the qualitative uncertainty should be qualified, "N" where an identification has been made.

TICS were not required.

1.12 Compound Quantification and Reported Detection Limits

GC/MS quantitative analyses are acceptable. Correct internal standards per SW846, and response factors were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices.

Samples were initially analyzed undiluted at 25mls. MW-5 required secondary and tertiary diluted reanalysis to obtain target chlorinated analytes within the instruments' linear calibration range. Results for these compounds have been qualified, "D."

1.13 Overall System Performance
Good resolution and chromatographic performance were observed.

2.0 Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS EPA Draft Method 1633
The following method criteria were reviewed: Holding times, Extracted Internal Standards, MS, MSD, LCS/Laboratory Spiked Blanks, Field Duplicates, Method Blanks, Calibrations, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The PFAS results are valid and usable except for non-detects for PFBA (Perfluoro-n-butanoic acid) in MW-3, MW-4, MW-5, and the Field Blank (FB) due to surrogate recovery <10% as noted within the following text:

2.1 Holding Time/Preservation
The amount of analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

Samples were extracted and performed within the method required holding times of 28 days from collection to extraction and 28 days from extraction to analysis for aqueous matrices. No data validation qualifiers were required based upon holding time. Samples were received properly preserved within temperature requirements of 6 degrees Celsius.

2.2 Extracted Internal Standards (Isotope Dilution Analytes)
All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

Extracted Internal Standard recoveries (%R) for Isotope Dilution analysis were found to be within acceptable limits with exceptions discussed below. Data was qualified based on the following criteria:

Recovery <50% or >150%	Apply "J" Qualifier
Recovery <25% or >150% for poor responding analytes	Apply "J" Qualifier
Isotope Dilution Analyte (IDA) recovery <10%	Reject Results, "R"

Note: Problematic analytes (PFBA, PFPeA, Fluorotelomer sulfonates) can have wider recoveries without qualification.

Samples were spiked with internal standards. Acceptable recovery values were obtained for sample analysis with exceptions discussed below:

MPFBA recovered below limits in MW-2 (16.7%), MW-2-DUP (14.9%), MW-3 (8.13%), MW-4 (6.95%), MW-5 (9.35%), and FB (2.97%). Non-detects for PFBA (Perfluoro-n-butanoic acid) in MW-3, MW-4, MW-5, and the Field Blank (FB) must be considered unreliable and have been rejected, "R."

M2-6:2 FTS recovered above limits in MW-2 (206%), and MW-5 (220%). No qualifiers were required since 6:2 FTS was not detected in these samples.

M2-4:2 FTS recovered above limits in MW-2 (223%), MW-2-DUP (217%), MW-4 (182%), and MW-5 (237%). %). No qualifiers were required since 4:2 FTS was not detected in these samples.

Elevated recovery was obtained in MW-5 for M2-8:2 FTS (237%). This analyte was not detected in the field sample. Data was not qualified. Additionally, elevated recovery was obtained for M5PFHxA (154%), M3PFHxS (154%), M8PFOA (154%), M8PFOS (152%), and M9PFNA (151%). Detections for PFHxA, PFHxS, PFOA, PFOS, and PFNA have been qualified, "J."

****It should be noted that laboratory limits are wider than the validation criteria of 50-150%. Data was not qualified where CCV/LCS/MS/MSD/Blanks were outside criteria and sample results were acceptable.***

2.3 Matrix Spikes (MS)/Matrix Spike Duplicate (MSD)Laboratory Duplicates (DUPs)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Recovery <70% or >130% *(Laboratory derived criteria may also be used per NYSDEC April 2023 guidance*	Apply "J" qualifier to detects and 'UJ" qualifier to non-detects of parent sample only
RPD >30%	Apply "J" qualifier to detects and 'UJ" qualifier to non-detects of parent sample only

MS/MSD analysis was performed on MW-2. 9CL-PF3ONS (171%/198%), and ADONA (171%) recovered above laboratory limits. Results for these compounds have been qualified, "J/UJ" in the parent and field duplicate from this location (MW-2-DUP). RPD for Gen-X (HFPO-DA) was above 30% criteria at 32.1%. Non-detects have been qualified, "UJ."

****It should be noted that laboratory limits are wider than the validation criteria of 70-130%.***

2.4 Laboratory Control Sample (LCS)

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

In cases where outliers are obtained the following qualifiers are required:

Recovery <70% or >130% *(Laboratory derived criteria may also be used per NYSDEC April 2023 guidance)*	**Apply "J" qualifier to detects and "UJ" qualifier to non-detects**

****It should be noted that laboratory limits are wider than the validation criteria of 70-130%.***

Acceptable LCS and Low-Level LCS were analyzed with each extraction batch. Recovery values were acceptable (70-130%) for all spiked compounds with exceptions discussed below:

LCS associated with MW-2, and MW-2-DUP yielded PFMPA (31.4%) below limits. Non-detects have been qualified, "UJ."

Low-Level LCS associated with MW-2, and MW-2-DUP yielded FPrPA (43.0%), and PFMPA (13.7%) below limits. Non-detects have been qualified, "UJ." Additionally, 11CL-PF3OUdS (170%), 9CL-PF3ONS (163%), and ADONA (174%) recovered above laboratory limits. Results have been qualified, "J/UJ."

LCS associated with MW-3, MW-4, MW-5, and FB yielded PFMPA (13.8%) below limits. Non-detects have been qualified, "UJ." 9CL-PF3ONS (162%), ADONA (167%), PFMPA (161%) recovered above limits. Non-detects have been qualified, "UJ."

Low-Level LCS associated with MW-3, MW-4, MW-5, and FB yielded 11CL-PF3OUdS (164%), 9CL-PF3ONS (174%), ADONA (184%), and PFMBA (158%) above limits. Non-detects have been qualified, "UJ." Additionally, PFMPA (10.6%) recovered below limits. Non-detects have also been qualified, "UJ."

LCS associated with MW-8 yielded ADONA(151%) above limits. Non-detects have been qualified, "UJ." Additionally, low-level LCS also yielded ADONA (158%) above limits and PFDoS (43.8% below laboratory criteria. Non-detects have been qualified, "UJ."

2.5 Blank Contamination

Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and Equipment blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value of all the associated blanks is required to be utilized:

Blank Result	Sample Result	Qualification
Any detection	<Reporting Limit	Qualify as ND as reporting limit
Any detection	>Reporting Limit and >10x the blank result	No Qualification
>Reporting Limit	>Reporting limit and <10x the blank result	J+ Biased High

Below is a summary of the compounds in the blanks and the associated qualifications that have been applied:

A) Method Blank Contamination:
No target analytes were detected in the method blanks.

B) Field Blank Contamination:
No target compounds were detected in the Field Blank (FB).

2.6 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can produce acceptable performance at the beginning of an experimental sequence. The continuing calibration checks support that the instrument is giving satisfactory daily performance. Initial and continuing calibration and verifications were acceptable and met the requirements summarized below:

Initial Calibrations:

%RSD >20% (5-6 calibration levels)	J flag detects and UJ non-detects
R2 >0.990 (5-6 calibration levels)	J flag detects and UJ non-detects
Low-level calibration check <50% or >150%	J flag detects and UJ non-detects
Mid-level calibration check <70% or >130%	U flag detects and UJ non-detects

Initial Calibration Verification:

ICV recovery <70% or >130%	J flag detects and "UJ" non-detects.

Continuing Calibration Verification:

CCV recovery <70% or >130%	J flag results

Acceptable calibrations were analyzed. Below is a summary of qualifiers that were applied based on ICAL/ICV/CCV data:

CCV 03/20/2025 – 11CL-PF3OUdS (46.7%), 9CL-PF3ONS (51.3%), and ADONA (57.8%) were outside criteria. Non-detects in MW-2, and MW-2-DUP have been qualified, "UJ."

CCV 03/21/2025 - 11CL-PF3OUdS (64.1%), 9CL-PF3ONS (65.6%), and ADONA (58.1%) were outside criteria. Non-detects in MW-3, MW-4, MW-5, and FB have been qualified, "UJ."

CCV 03/27/2025 - 11CL-PF3OUdS (50.0%), 9CL-PF3ONS (51.9%), and ADONA (63.9%) were outside criteria. Non-detects in MW-8 have been qualified, "UJ."

2.7 Internal Standards

Internal Standards (IS) performance criteria ensure that the LC/MS/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than -50% to +150%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/-0.2 minutes from the associated continuing calibration standard. If the area count is outside the (-50% to +150%) range of the associated standard, all the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity. If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

The area responses (-30-+200%) and retention times (+/-0.2 minutes) of these internal standards met QC criteria as compared to associated calibrations for field samples.

2.8 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Acceptable RPD is 30% where sample concentrations are greater than 2x the reporting limit. In cases where RPD is >30%, the end user should utilize the higher concentration.

Field Duplicate was collected on MW-2 as MW-2-DUP. Precision is acceptable for all detected compounds.

2.9 Target Compound List Identification

TCL compounds are identified on the LC/MS/MS by using the analyte's relative retention time (RRT) obtained from known standards.

LC/MS/MS raw data met the qualitative criteria for identification. All retention times were within required specifications. In cases where the ratio of quantifier ion response to qualifier ion response falls outside the laboratory criteria, results are considered estimated, "J." No qualifiers were applied based on the above criteria.

2.10 Compound Quantification and Reported Detection Limits

LC/MS/MS quantitative analysis is acceptable. Samples were extracted by solid phase extraction techniques. Correct internal standards per EPA Draft Method 1633, and response factors were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices. Aqueous extracts were performed utilizing initial sample volumes of approximately 550 mls as verified by laboratory prep sheets. Extracts were concentrated to 5 mls. Results are reported in ng/L where (1 ng/L = 0.001 ug/L).

2.11 Overall System Performance

Good resolution and chromatographic performance were observed. Target analyte peaks were properly integrated and consistent when compared to reference standards. Samples were analyzed undiluted.

Reviewer's Signature Paula. Bell **Date** 09/17/2025

Appendix A
Chain of Custody Document

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25C0791

Page 1 of 1

Report To:
Company: Teren Environmental
Address: 121 W 27th #303 NY, NY 10001
Phone: 646-606-2332
Contact: A. Platt
E-mail: aplatt@teren-env.com

Invoice To:
Company: 11 11
Address: 11 11
Phone: 11 11
Contact: V. Martinez
E-mail: vmartinez@teren-env.com

YOUR Project Name / Number: 2921 Westchester

PO Number: 2921 Westchester

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time
- [ ] RUSH - Next Day
- [ ] RUSH - Two Day
- [ ] RUSH - Three Day
- [ ] RUSH - Four Day
- [ ] RUSH - Five Day
- [X] Standard (6-9 Day)
- [ ] PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Ashley Platt
Ashley J Platt
Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	PFAS by EPA 1633	Grab or Comp.
MW-2	3/12/25	8:40	GW	2	3									X	X	G/C
MW-2-DUP		8:45												X	X	
MW-3		12:30												X	X	
MW-4		10:35												X	X	
MW-5		11:20												X	X	
MW-8		7:30												X	X	
FB		7:40	AQ											X		
TB					2									X		

Report Type (circle)
QA Report
Summary (Results Only)
NY ASP B Package
NJ Reduced
NJ DKQP
NJ Full
CT RCP

EDD Type (circle)
EQuIS (standard)
NYSDEC EQuIS
NJDEP SRP Haz Site
Standard Excel
CMDP
Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)
NYSDEC AWQS

- [ ] Field Filtered
- [X] Lab Filtered

Comments: MS/MSD from MW-2. cat B deliverables

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: [signature] Date/Time: 3/12/24 1411	1. Samples Received by / Company: [signature] Date/Time: 3/12/25 14:11 4.1	2. Samples Relinquished by / Company: [signature] Date/Time: 3/12/25 14:11
2. Samples Received by / Company: A. Husain Date/Time: 3/12/25 14:11	3. Samples Relinquished by / Company: A. Husain Date/Time: 3/12/25 20:40	3. Samples Received by / Company: Date/Time:
4. Samples Relinquished by / Company: Date/Time:	4. Samples Received by / Company: Date/Time:	Samples Received in LAB by: [signature] Date/Time: 3/12/25 20:40 Temperature: 3.1 Degrees C

Appendix B
Data Summary Form I's
With Qualifications

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-01	File ID:	V10C11097.D
Sampled:	03/12/25 08:40	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 13:04
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC50981	Sequence:	S5C1317	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
563-58-6	1,1-Dichloropropylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
142-28-9	1,3-Dichloropropane	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
594-20-7	2,2-Dichloropropane	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
95-49-8	2-Chlorotoluene	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
106-43-4	4-Chlorotoluene	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	~~U~~ UJ
107-02-8	Acrolein	1	0.500	~~U~~ UJ
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
108-86-1	Bromobenzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	0.500	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U

9/11/2025

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-01	File ID:	V10C11097.D
Sampled:	03/12/25 08:40	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 13:04
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC50981	Sequence:	S5C1317	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	~~U~~ UJ
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
91-20-3	Naphthalene	1	2.00 ~~0.740~~	~~U~~ UJ
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	~~U~~ UJ
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	~~U~~ UJ
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.6	116	69 - 130	
SURR: Toluene-d8	10.0	9.55	95.5	81 - 117	

9/11/2025

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-2-DUP

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-02	File ID:	V10C11098.D
Sampled:	03/12/25 08:40	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 13:32
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC50981	Sequence:	S5C1317	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
563-58-6	1,1-Dichloropropylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
142-28-9	1,3-Dichloropropane	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
594-20-7	2,2-Dichloropropane	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
95-49-8	2-Chlorotoluene	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
106-43-4	4-Chlorotoluene	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	~~U~~ UJ
107-02-8	Acrolein	1	0.500	~~U~~ UJ
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
108-86-1	Bromobenzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	0.500	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U

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FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-2-DUP

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-02	File ID:	V10C11098.D
Sampled:	03/12/25 08:40	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 13:32
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC50981	Sequence:	S5C1317	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	~~U~~ UJ
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
91-20-3	Naphthalene	1	2.00	~~U~~ UJ
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	~~U~~ UJ
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	~~U~~ UJ
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.7	117	69 - 130	
SURR: Toluene-d8	10.0	9.64	96.4	81 - 117	

Lou M 9/11/2025

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford		SDG:	25C0791	
Client:	Tenen Environmental		Project:	2921 Westchester Ave	
Matrix:	Ground Water	Laboratory ID:	25C0791-03	File ID:	V10C11099.D
Sampled:	03/12/25 12:30	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 13:59
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Batch: BC50981 Sequence: S5C1317 Calibration: SB50056 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
563-58-6	1,1-Dichloropropylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
142-28-9	1,3-Dichloropropane	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
594-20-7	2,2-Dichloropropane	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
95-49-8	2-Chlorotoluene	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
106-43-4	4-Chlorotoluene	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	~~U~~ UJ
107-02-8	Acrolein	1	0.500	~~U~~ UJ
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
108-86-1	Bromobenzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	0.500	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U

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FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-03	File ID:	V10C11099.D
Sampled:	03/12/25 12:30	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 13:59
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC50981	Sequence:	S5C1317	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	3.64	
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	58.1	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	~~U~~ UJ
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
91-20-3	Naphthalene	1	2.00	~~U~~ UJ
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	~~U~~ UJ
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	55.6	J-
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
79-01-6	Trichloroethylene	1	19.1	
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.8	118	69 - 130	
SURR: Toluene-d8	10.0	9.62	96.2	81 - 117	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-04	File ID:	V10C11100.D
Sampled:	03/12/25 10:35	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 14:27
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC50981	Sequence:	S5C1317	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
563-58-6	1,1-Dichloropropylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
142-28-9	1,3-Dichloropropane	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
594-20-7	2,2-Dichloropropane	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
95-49-8	2-Chlorotoluene	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
106-43-4	4-Chlorotoluene	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	~~U~~ UJ
107-02-8	Acrolein	1	0.500	~~U~~ UJ
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
108-86-1	Bromobenzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.320	J
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	0.500	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U

11/12/2025

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-04	File ID:	V10C11100.D
Sampled:	03/12/25 10:35	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 14:27
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC50981	Sequence:	S5C1317	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	4.23	
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	1.87	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	~~U~~ UJ
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
91-20-3	Naphthalene	1	2.00	~~U~~ UJ
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	~~U~~ UJ
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	11.8	J-
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
79-01-6	Trichloroethylene	1	1.56	
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.5	115	69 - 130	
SURR: Toluene-d8	10.0	9.65	96.5	81 - 117	

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FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-05	File ID:	V10C11101.D
Sampled:	03/12/25 11:20	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 14:54
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC50981	Sequence:	S5C1317	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	11.3	
563-58-6	1,1-Dichloropropylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
142-28-9	1,3-Dichloropropane	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
594-20-7	2,2-Dichloropropane	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
95-49-8	2-Chlorotoluene	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
106-43-4	4-Chlorotoluene	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.28	J
107-02-8	Acrolein	1	0.500	~~U~~ UJ
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.380	J
108-86-1	Bromobenzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	0.500	U
75-15-0	Carbon disulfide	1	0.480	J
56-23-5	Carbon tetrachloride	1	0.500	U

9/11/2025

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-05	File ID:	V10C11101.D
Sampled:	03/12/25 11:20	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 14:54
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC50981	Sequence:	S5C1317	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	
67-66-3	Chloroform	1	1.90	
74-87-3	Chloromethane	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	~~U~~ UJ
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
91-20-3	Naphthalene	1	2.00 ~~0.300~~	~~U~~ J
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.650	
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	~~U~~ UJ
98-06-6	tert-Butylbenzene	1	0.500	U
108-88-3	Toluene	1	0.680	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.6	116	69 - 130	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.99	99.9	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	141431	6.132	129495	6.126	
ISTD: Chlorobenzene-d5	537716	9.18	519250	9.174	
ISTD: 1,2-Dichlorobenzene-d4	200512	12.18	195923	12.18	

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FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-05RE1	File ID:	V10C11148.D
Sampled:	03/12/25 11:20	Prepared:	03/14/25 08:00	Analyzed:	03/14/25 14:52
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC51066	Sequence:	S5C1811	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	25	78.8	D
75-01-4	Vinyl Chloride	25	665	D

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.2	112	69 - 130	D
SURR: Toluene-d8	10.0	9.51	95.1	81 - 117	D
SURR: p-Bromofluorobenzene	10.0	9.81	98.1	79 - 122	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	141224	6.126	139856	6.126	
ISTD: Chlorobenzene-d5	573756	9.174	556251	9.174	
ISTD: 1,2-Dichlorobenzene-d4	221556	12.18	206090	12.18	

* Values outside of QC limits

9/11/2025

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford		SDG:	25C0791	
Client:	Tenen Environmental		Project:	2921 Westchester Ave	
Matrix:	Ground Water	Laboratory ID:	25C0791-05RE2	File ID:	V10C11149.D
Sampled:	03/12/25 11:20	Prepared:	03/14/25 08:00	Analyzed:	03/14/25 15:20
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Batch: BC51066 Sequence: S5C1811 Calibration: SB50056 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
156-59-2	cis-1,2-Dichloroethylene	500	28900	D
127-18-4	Tetrachloroethylene	500	7800	D
79-01-6	Trichloroethylene	500	5540	~~D~~ J-D

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.2	112	69 - 130	D
SURR: Toluene-d8	10.0	9.59	95.9	81 - 117	D
SURR: p-Bromofluorobenzene	10.0	9.69	96.9	79 - 122	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	143432	6.126	139856	6.126	
ISTD: Chlorobenzene-d5	577062	9.174	556251	9.174	
ISTD: 1,2-Dichlorobenzene-d4	225753	12.18	206090	12.18	

* Values outside of QC limits

9/11/2025

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-06	File ID:	V10C11145.D
Sampled:	03/12/25 07:30	Prepared:	03/14/25 08:00	Analyzed:	03/14/25 13:30
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC51066	Sequence:	S5C1811	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
563-58-6	1,1-Dichloropropylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
142-28-9	1,3-Dichloropropane	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
594-20-7	2,2-Dichloropropane	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
95-49-8	2-Chlorotoluene	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
106-43-4	4-Chlorotoluene	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	~~U~~ UJ
107-02-8	Acrolein	1	0.500	~~U~~ UJ
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
108-86-1	Bromobenzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	0.500	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-06	File ID:	V10C11145.D
Sampled:	03/12/25 07:30	Prepared:	03/14/25 08:00	Analyzed:	03/14/25 13:30
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC51066	Sequence:	S5C1811	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.630	
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	~~U~~ UJ
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
91-20-3	Naphthalene	1	2.00 ~~0.380~~	~~JB~~ UJ
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.380	~~J~~ J
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	~~U~~ UJ
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.4	114	69 - 130	
SURR: Toluene-d8	10.0	9.50	95.0	81 - 117	

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FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

FB

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-07	File ID:	V10C11107.D
Sampled:	03/12/25 07:40	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 17:39
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BC50981	Sequence:	S5C1317	Calibration:	SB50056
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
563-58-6	1,1-Dichloropropylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
142-28-9	1,3-Dichloropropane	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
594-20-7	2,2-Dichloropropane	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
95-49-8	2-Chlorotoluene	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
106-43-4	4-Chlorotoluene	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	~~U~~ UJ
107-02-8	Acrolein	1	0.500	~~U~~ UJ
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
108-86-1	Bromobenzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	0.500	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U

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FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

FB

Laboratory:	York Analytical Laboratories, Inc. - Stratford		SDG:	25C0791	
Client:	Tenen Environmental		Project:	2921 Westchester Ave	
Matrix:	Ground Water	Laboratory ID:	25C0791-07	File ID:	V10C11107.D
Sampled:	03/12/25 07:40	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 17:39
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Batch: BC50981 Sequence: S5C1317 Calibration: SB50056 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	~~U~~ UJ
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
91-20-3	Naphthalene	1	2.00	~~U~~ UJ
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	~~U~~ UJ
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	~~U~~ UJ
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.1	101	69 - 130	
SURR: Toluene-d8	10.0	9.93	99.3	81 - 117	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

TB

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25C0791

Client: Tenen Environmental Project: 2921 Westchester Ave

Matrix: Ground Water Laboratory ID: 25C0791-08 File ID: V10C11106.D

Sampled: 03/12/25 14:11 Prepared: 03/13/25 12:26 Analyzed: 03/13/25 17:12

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BC50981 Sequence: S5C1317 Calibration: SB50056 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
563-58-6	1,1-Dichloropropylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
142-28-9	1,3-Dichloropropane	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
594-20-7	2,2-Dichloropropane	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
95-49-8	2-Chlorotoluene	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
106-43-4	4-Chlorotoluene	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	~~U~~ UJ
107-02-8	Acrolein	1	0.500	~~U~~ UJ
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
108-86-1	Bromobenzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	0.500	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

TB

Laboratory:	York Analytical Laboratories, Inc. - Stratford		SDG:	25C0791	
Client:	Tenen Environmental		Project:	2921 Westchester Ave	
Matrix:	Ground Water	Laboratory ID:	25C0791-08	File ID:	V10C11106.D
Sampled:	03/12/25 14:11	Prepared:	03/13/25 12:26	Analyzed:	03/13/25 17:12
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Batch: BC50981 Sequence: S5C1317 Calibration: SB50056 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	~~U~~ UJ
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
91-20-3	Naphthalene	1	0.280	J
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	~~U~~ UJ
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	~~U~~ UJ
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.4	104	69 - 130	
SURR: Toluene-d8	10.0	9.88	98.8	81 - 117	

9/11/2025

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 1633 Draft 3

MW-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-01	File ID:	QQQ51023.d
Sampled:	03/12/25 08:40	Prepared:	03/19/25 11:47	Analyzed:	03/20/25 19:23
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	529.5 mL / 5 mL
Batch:	BC51411	Sequence:	S5C2032	Calibration:	SC50028
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	2.33	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	9.86	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	3.92	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.73	U
335-67-1	Perfluorooctanoic acid (PFOA)	1	4.52	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	5.67	
375-95-1	Perfluorononanoic acid (PFNA)	1	1.10	J
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.37	J
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.89	U
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.89	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.89	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.89	U
2355-31-9	N-MeFOSAA	1	1.89	U
2991-50-6	N-EtFOSAA	1	1.89	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	6.89	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.89	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.80	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.82	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.18	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.25	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	7.55	~~U~~ R
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.36	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.78	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.78	~~U~~ UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.78	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.78	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.08	U
13252-13-6	HFPO-DA (Gen-X)	1	7.55	~~U~~ UJ
763051-92-9	11CL-PF3OUdS	1	7.14	~~U~~ UJ
756426-58-1	9CL-PF3ONS	1	7.06	~~U~~ UJ
919005-14-4	ADONA	1	7.14	~~U~~ UJ
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.83	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.81	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.72	~~U~~ UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	23.6	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	23.6	U
24448-09-7	N-MeFOSE	1	18.9	U
31506-32-8	N-MeFOSA	1	1.89	U
1691-99-2	N-EtFOSE	1	18.9	U
4151-50-2	N-EtFOSA	1	1.89	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 1633 Draft 3

MW-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-01	File ID:	QQQ51023.d
Sampled:	03/12/25 08:40	Prepared:	03/19/25 11:47	Analyzed:	03/20/25 19:23
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	529.5 mL / 5 mL
Batch:	BC51411	Sequence:	S5C2032	Calibration:	SC50028
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	22.0	26.6	121	25 - 150	
M5PFHxA	23.6	31.2	132	25 - 150	
M4PFHpA	23.6	25.5	108	25 - 150	
M3PFHxS	22.4	28.3	126	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.6	30.0	127	25 - 150	
M6PFDA	11.8	14.7	125	25 - 150	
M7PFUdA	11.8	14.2	121	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.8	12.9	110	25 - 150	
M2PFTeDA	11.8	11.1	94.3	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	94.4	15.7	16.7	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.6	27.0	119	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.2	64.9	137	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.6	25.8	109	10 - 150	
d3-N-MeFOSAA	47.2	52.0	110	25 - 150	
d5-N-EtFOSAA	47.2	44.9	95.1	25 - 150	
M2-6:2 FTS	44.9	92.6	206	25 - 200	*
M2-8:2 FTS	45.3	65.2	144	25 - 200	
M9PFNA	11.8	13.5	115	25 - 150	
M2-4:2 FTS	44.3	98.8	223	25 - 150	*
d-N-MeFOSA	23.6	30.0	127	25 - 150	
d-N-EtFOSA	23.6	28.1	119	25 - 150	
M3HFPO-DA	94.4	84.2	89.2	25 - 150	
d9-N-EtFOSE	236	231	97.9	25 - 150	
d7-N-MeFOSE	236	265	112	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	11775.25	1.2071	17028.76	1.216283	
MPFDA	4966.417	8.903934	5564.217	8.9132	
MPFHxA	12040.88	6.224467	15575.61	6.242983	
MPFHxS	1439.976	7.205067	1506.847	7.214334	
MPFNA	7514.659	8.395583	8115.488	8.40485	
MPFOA	14360.18	7.79245	16051.59	7.801733	
MPFOS	3801.33	8.44025	4037.906	8.4495	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2524.919	8.404433	2421.806	8.404433	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	15065.14	7.792067	14399.33	7.80135	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	44689.8	4.495883	47910.26	4.523483	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	7833.247	1.2048	74883.46	1.213983	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	11070.05	9.6887	11804.97	9.688684	

9/11/202

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 1633 Draft 3

MW-2-DUP

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-02	File ID:	QQQ51026.d
Sampled:	03/12/25 08:40	Prepared:	03/19/25 11:47	Analyzed:	03/20/25 20:11
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	550.9 mL / 5 mL
Batch:	BC51411	Sequence:	S5C2032	Calibration:	SC50028
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	2.14	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	9.46	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	4.08	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.66	U
335-67-1	Perfluorooctanoic acid (PFOA)	1	5.12	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	5.15	
375-95-1	Perfluorononanoic acid (PFNA)	1	1.46	J
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.99	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.82	U
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.82	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.82	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.82	U
2355-31-9	N-MeFOSAA	1	1.82	U
2991-50-6	N-EtFOSAA	1	1.82	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	7.42	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.82	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.73	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.75	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	6.90	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	6.97	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	7.26	~~U~~ R
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.23	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.63	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.63	~~U~~ UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.63	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.71	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	6.81	~~U~~ UJ
13252-13-6	HFPO-DA (Gen-X)	1	7.26	~~U~~ UJ
763051-92-9	11CL-PF3OUdS	1	6.86	U
756426-58-1	9CL-PF3ONS	1	0.646	J
919005-14-4	ADONA	1	6.86	~~U~~ UJ
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.76	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.74	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.54	~~U~~ UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	22.7	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	22.7	U
24448-09-7	N-MeFOSE	1	18.2	U
31506-32-8	N-MeFOSA	1	1.82	U
1691-99-2	N-EtFOSE	1	18.2	U
4151-50-2	N-EtFOSA	1	1.82	U

9/11/2025

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 1633 Draft 3

MW-2-DUP

Laboratory:	York Analytical Laboratories, Inc. - Stratford		SDG:	25C0791	
Client:	Tenen Environmental		Project:	2921 Westchester Ave	
Matrix:	Ground Water	Laboratory ID:	25C0791-02	File ID:	QQQ51026.d
Sampled:	03/12/25 08:40	Prepared:	03/19/25 11:47	Analyzed:	03/20/25 20:11
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	550.9 mL / 5 mL
Batch:	BC51411	Sequence:	S5C2032	Calibration:	SC50028
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	21.1	24.5	116	25 - 150	
M5PFHxA	22.7	25.9	114	25 - 150	
M4PFHpA	22.7	20.1	88.7	25 - 150	
M3PFHxS	21.5	26.0	121	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	22.7	26.0	114	25 - 150	
M6PFDA	11.3	11.5	101	25 - 150	
M7PFUdA	11.3	12.1	107	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.3	11.7	103	25 - 150	
M2PFTeDA	11.3	11.0	97.1	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	90.8	13.5	14.9	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	21.7	25.3	117	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	45.4	53.6	118	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	22.7	24.6	108	10 - 150	
d3-N-MeFOSAA	45.4	47.6	105	25 - 150	
d5-N-EtFOSAA	45.4	46.8	103	25 - 150	
M2-6:2 FTS	43.2	82.6	191	25 - 200	
M2-8:2 FTS	43.6	62.6	144	25 - 200	
M9PFNA	11.3	12.5	111	25 - 150	
M2-4:2 FTS	42.6	92.4	217	25 - 150	*
d-N-MeFOSA	22.7	27.4	121	25 - 150	
d-N-EtFOSA	22.7	26.6	117	25 - 150	
M3HFPO-DA	90.8	63.8	70.3	25 - 150	
d9-N-EtFOSE	227	238	105	25 - 150	
d7-N-MeFOSE	227	261	115	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	12054.14	1.2071	17028.76	1.216283	
MPFDA	5202.356	8.903916	5564.217	8.9132	
MPFHxA	13311.25	6.233716	15575.61	6.242983	
MPFHxS	1426.404	7.205067	1506.847	7.214334	
MPFNA	7149.007	8.395583	8115.488	8.40485	
MPFOA	15863.04	7.79245	16051.59	7.801733	
MPFOS	3834.704	8.440233	4037.906	8.4495	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2318.033	8.395166	2421.806	8.404433	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	14860.89	7.792067	14399.33	7.80135	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	42396.43	4.505084	47910.26	4.523483	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	7136.381	1.204817	74883.46	1.213983	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	10904.36	9.6887	11804.97	9.688684	

4/11/2025

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 1633 Draft 3

MW-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-03	File ID:	QQQ51078.d
Sampled:	03/12/25 12:30	Prepared:	03/19/25 16:06	Analyzed:	03/21/25 13:55
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	531.2 mL / 5 mL
Batch:	BC51441	Sequence:	S5C2131	Calibration:	SC50028
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	8.21	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	26.9	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	29.2	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	2.94	
335-67-1	Perfluorooctanoic acid (PFOA)	1	119	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	31.2	
375-95-1	Perfluorononanoic acid (PFNA)	1	23.8	
335-76-2	Perfluorodecanoic acid (PFDA)	1	17.3	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.88	U
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.88	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.88	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.88	U
2355-31-9	N-MeFOSAA	1	1.88	U
2991-50-6	N-EtFOSAA	1	1.88	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	22.0	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.14	J
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.80	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.82	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.15	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.23	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	7.53	~~U~~ R
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.35	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.77	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.77	~~U~~ UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.77	~~U~~ UJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.77	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.06	U
13252-13-6	HFPO-DA (Gen-X)	1	7.53	U
763051-92-9	11CL-PF3OUdS	1	7.12	~~U~~ UJ
756426-58-1	9CL-PF3ONS	1	7.04	~~U~~ UJ
919005-14-4	ADONA	1	7.12	~~U~~ UJ
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.83	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.81	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.71	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	23.5	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	23.5	U
24448-09-7	N-MeFOSE	1	18.8	U
31506-32-8	N-MeFOSA	1	1.88	U
1691-99-2	N-EtFOSE	1	18.8	U
4151-50-2	N-EtFOSA	1	1.88	U

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FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 1633 Draft 3

MW-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-03	File ID:	QQQ51078.d
Sampled:	03/12/25 12:30	Prepared:	03/19/25 16:06	Analyzed:	03/21/25 13:55
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	531.2 mL / 5 mL
Batch:	BC51441	Sequence:	S5C2131	Calibration:	SC50028
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	21.9	28.4	130	25 - 150	
M5PFHxA	23.5	29.5	125	25 - 150	
M4PFHpA	23.5	28.0	119	25 - 150	
M3PFHxS	22.3	29.8	134	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.5	33.0	140	25 - 150	
M6PFDA	11.8	13.3	113	25 - 150	
M7PFUdA	11.8	13.2	112	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.8	11.7	99.9	25 - 150	
M2PFTeDA	11.8	9.05	76.9	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	94.1	7.65	8.13	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.5	27.7	123	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.1	54.7	116	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.5	28.6	121	10 - 150	
d3-N-MeFOSAA	47.1	53.0	113	25 - 150	
d5-N-EtFOSAA	47.1	47.8	102	25 - 150	
M2-6:2 FTS	44.8	53.0	118	25 - 200	
M2-8:2 FTS	45.2	50.1	111	25 - 200	
M9PFNA	11.8	14.9	127	25 - 150	
M2-4:2 FTS	44.1	66.3	150	25 - 150	
d-N-MeFOSA	23.5	31.7	135	25 - 150	
d-N-EtFOSA	23.5	27.2	116	25 - 150	
M3HFPO-DA	94.1	79.9	84.8	25 - 150	
d9-N-EtFOSE	235	257	109	25 - 150	
d7-N-MeFOSE	235	275	117	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	11894.87	1.2071	18739.13	1.188733	
MPFDA	5094.801	8.83805	5728.278	8.828767	
MPFHxA	14433.22	6.187067	16268.87	6.168583	
MPFHxS	1502.521	7.149567	1667.33	7.140316	
MPFNA	7499.533	8.330733	7674.073	8.330733	
MPFOA	14899.08	7.7272	17277.05	7.7272	
MPFOS	3722.231	8.375383	4216.853	8.366134	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2784.574	8.3303	2292.794	8.330317	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	17177.19	7.726733	15557.47	7.726733	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	45261.7	4.4683	48652.34	4.4407	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3860.843	1.2048	78024.89	1.18645	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	10341.27	9.6517	12912.1	9.633217	

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MW-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-04	File ID:	QQQ51079.d
Sampled:	03/12/25 10:35	Prepared:	03/19/25 16:06	Analyzed:	03/21/25 14:11
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	541.6 mL / 5 mL
Batch:	BC51441	Sequence:	S5C2131	Calibration:	SC50028
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	16.4	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	21.9	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	12.0	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	2.23	
335-67-1	Perfluorooctanoic acid (PFOA)	1	25.2	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	14.8	
375-95-1	Perfluorononanoic acid (PFNA)	1	7.40	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.995	J
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.85	U
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.85	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.85	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.85	U
2355-31-9	N-MeFOSAA	1	1.85	U
2991-50-6	N-EtFOSAA	1	1.85	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	23.2	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.85	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.76	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.78	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.02	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.09	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	7.39	~~U~~ R
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.29	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.69	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.69	~~U~~ UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.69	~~U~~ UJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.74	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	6.92	U
13252-13-6	HFPO-DA (Gen-X)	1	7.39	U
763051-92-9	11CL-PF3OUdS	1	6.98	~~U~~ UJ
756426-58-1	9CL-PF3ONS	1	6.91	~~U~~ UJ
919005-14-4	ADONA	1	6.98	~~U~~ UJ
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.79	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.77	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.62	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	23.1	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	23.1	U
24448-09-7	N-MeFOSE	1	18.5	U
31506-32-8	N-MeFOSA	1	1.85	U
1691-99-2	N-EtFOSE	1	18.5	U
4151-50-2	N-EtFOSA	1	1.85	U

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MW-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-04	File ID:	QQQ51079.d
Sampled:	03/12/25 10:35	Prepared:	03/19/25 16:06	Analyzed:	03/21/25 14:11
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	541.6 mL / 5 mL
Batch:	BC51441	Sequence:	S5C2131	Calibration:	SC50028
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	21.5	29.9	139	25 - 150	
M5PFHxA	23.1	29.2	126	25 - 150	
M4PFHpA	23.1	26.2	113	25 - 150	
M3PFHxS	21.9	30.6	140	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.1	33.5	145	25 - 150	
M6PFDA	11.5	13.4	116	25 - 150	
M7PFUdA	11.5	11.2	97.3	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.5	8.80	76.2	25 - 150	
M2PFTeDA	11.5	6.57	56.9	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	92.3	6.42	6.95	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.1	23.7	107	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	46.2	53.9	117	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.1	25.9	112	10 - 150	
d3-N-MeFOSAA	46.2	43.8	94.8	25 - 150	
d5-N-EtFOSAA	46.2	40.8	88.4	25 - 150	
M2-6:2 FTS	43.9	59.3	135	25 - 200	
M2-8:2 FTS	44.3	53.4	120	25 - 200	
M9PFNA	11.5	15.1	131	25 - 150	
M2-4:2 FTS	43.3	78.9	182	25 - 150	*
d-N-MeFOSA	23.1	26.8	116	25 - 150	
d-N-EtFOSA	23.1	18.6	80.7	25 - 150	
M3HFPO-DA	92.3	79.8	86.5	25 - 150	
d9-N-EtFOSE	231	136	59.0	25 - 150	
d7-N-MeFOSE	231	162	70.1	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	11673.46	1.225467	18739.13	1.188733	
MPFDA	5714.309	8.8575	5728.278	8.828767	
MPFHxA	14906.27	6.196333	16268.87	6.168583	
MPFHxS	1496.868	7.168067	1667.33	7.140316	
MPFNA	7990.798	8.358517	7674.073	8.330733	
MPFOA	16038.59	7.755167	17277.05	7.7272	
MPFOS	4188.995	8.384633	4216.853	8.366134	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	3060.977	8.348833	2292.794	8.330317	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	19115.99	7.754734	15557.47	7.726733	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	46887.72	4.486683	48652.34	4.4407	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3277.038	1.223167	78024.89	1.18645	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	8852.583	9.6517	12912.1	9.633217	

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MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-05	File ID:	QQQ51080.d
Sampled:	03/12/25 11:20	Prepared:	03/19/25 16:06	Analyzed:	03/21/25 14:27
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	518.9 mL / 5 mL

Batch: BC51441 Sequence: S5C2131 Calibration: SC50028 Instrument: LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	12.5	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	20.2	J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	21.7	J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	4.55	J
335-67-1	Perfluorooctanoic acid (PFOA)	1	69.5	J
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	36.6	J
375-95-1	Perfluorononanoic acid (PFNA)	1	5.81	J
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.30	J
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.93	U
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.93	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.93	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.93	U
2355-31-9	N-MeFOSAA	1	5.74	
2991-50-6	N-EtFOSAA	1	5.54	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	22.1	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.93	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.84	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.86	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.32	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.40	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	7.71	~~J~~ R
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.43	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.85	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.85	~~J~~ UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.85	~~J~~ UJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.81	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.23	U
13252-13-6	HFPO-DA (Gen-X)	1	7.71	U
763051-92-9	11CL-PF3OUdS	1	7.28	~~J~~ UJ
756426-58-1	9CL-PF3ONS	1	7.21	~~J~~ UJ
919005-14-4	ADONA	1	7.28	~~J~~ UJ
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.87	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.85	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.82	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	24.1	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	24.1	U
24448-09-7	N-MeFOSE	1	19.3	U
31506-32-8	N-MeFOSA	1	1.93	U
1691-99-2	N-EtFOSE	1	19.3	U
4151-50-2	N-EtFOSA	1	1.93	U

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FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 1633 Draft 3

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-05	File ID:	QQQ51080.d
Sampled:	03/12/25 11:20	Prepared:	03/19/25 16:06	Analyzed:	03/21/25 14:27
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	518.9 mL / 5 mL
Batch:	BC51441	Sequence:	S5C2131	Calibration:	SC50028
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	22.5	32.2	143	25 - 150	
M5PFHxA	24.1	37.1	154	25 - 150	*
M4PFHpA	24.1	31.1	129	25 - 150	
M3PFHxS	22.8	35.1	154	25 - 150	*
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.1	37.2	154	25 - 150	*
M6PFDA	12.0	15.7	131	25 - 150	
M7PFUdA	12.0	9.45	78.5	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.0	16.4	136	25 - 150	
M2PFTeDA	12.0	16.6	138	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	96.4	9.01	9.35	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.1	35.0	152	25 - 150	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	48.2	63.2	131	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.1	32.1	133	10 - 150	
d3-N-MeFOSAA	48.2	60.8	126	25 - 150	
d5-N-EtFOSAA	48.2	28.0	58.1	25 - 150	
M2-6:2 FTS	45.8	101	220	25 - 200	*
M2-8:2 FTS	46.3	110	237	25 - 200	*
M9PFNA	12.0	18.2	151	25 - 150	*
M2-4:2 FTS	45.2	107	237	25 - 150	*
d-N-MeFOSA	24.1	34.6	143	25 - 150	
d-N-EtFOSA	24.1	32.0	133	25 - 150	
M3HFPO-DA	96.4	99.6	103	25 - 150	
d9-N-EtFOSE	241	315	131	25 - 150	
d7-N-MeFOSE	241	351	146	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	10395.99	1.2071	18739.13	1.188733	
MPFDA	3251.323	8.819467	5728.278	8.828767	
MPFHxA	12009.3	6.196317	16268.87	6.168583	
MPFHxS	1294.473	7.1588	1667.33	7.140316	
MPFNA	6279.789	8.339983	7674.073	8.330733	
MPFOA	13439.76	7.745883	17277.05	7.7272	
MPFOS	3422.576	8.384633	4216.853	8.366134	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2781.274	8.339566	2292.794	8.330317	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	17043.12	7.74545	15557.47	7.726733	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	42456.8	4.4683	48652.34	4.4407	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3881.379	1.2048	78024.89	1.18645	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	8994.114	9.651684	12912.1	9.633217	

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FORM I **ORGANIC ANALYSIS DATA SHEET**

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MW-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-06RE1	File ID:	QQQ51276.d
Sampled:	03/12/25 07:30	Prepared:	03/26/25 10:37	Analyzed:	03/27/25 12:02
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	50 mL / 5 mL

Batch: BC51917 Sequence: S5C2732 Calibration: SC50028 Instrument: LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	17.7	U
307-24-4	Perfluorohexanoic acid (PFHxA)	1	18.6	J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	12.8	J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	18.3	U
335-67-1	Perfluorooctanoic acid (PFOA)	1	39.0	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	21.4	
375-95-1	Perfluorononanoic acid (PFNA)	1	10.0	J
335-76-2	Perfluorodecanoic acid (PFDA)	1	42.0	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	20.0	U
307-55-1	Perfluorododecanoic acid (PFDoA)	1	16.6	J
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	20.0	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	20.0	U
2355-31-9	N-MeFOSAA	1	20.0	U
2991-50-6	N-EtFOSAA	1	20.0	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	12.3	J
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	20.0	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	19.1	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	19.3	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	76.0	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	76.8	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	80.0	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	35.6	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	40.0	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	40.0	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	40.0	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	18.8	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	75.0	U
13252-13-6	HFPO-DA (Gen-X)	1	80.0	U
763051-92-9	11CL-PF3OUdS	1	75.6	U
756426-58-1	9CL-PF3ONS	1	74.8	U
919005-14-4	ADONA	1	75.6	~~U~~ UJ
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	19.4	~~U~~ UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	19.2	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	50.0	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	250	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	250	U
24448-09-7	N-MeFOSE	1	200	U
31506-32-8	N-MeFOSA	1	20.0	U
1691-99-2	N-EtFOSE	1	200	U
4151-50-2	N-EtFOSA	1	20.0	U

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MW-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-06RE1	File ID:	QQQ51276.d
Sampled:	03/12/25 07:30	Prepared:	03/26/25 10:37	Analyzed:	03/27/25 12:02
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	50 mL / 5 mL

Batch: BC51917 Sequence: S5C2732 Calibration: SC50028 Instrument: LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	233	254	109	25 - 150	
M5PFHxA	250	250	100	25 - 150	
M4PFHpA	250	250	100	25 - 150	
M3PFHxS	237	258	109	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	250	271	108	25 - 150	
M6PFDA	125	117	93.3	25 - 150	
M7PFUdA	125	112	89.2	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	125	103	82.1	25 - 150	
M2PFTeDA	125	99.4	79.5	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	1000	854	85.4	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	240	222	92.9	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	500	559	112	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	250	218	87.1	10 - 150	
d3-N-MeFOSAA	500	441	88.3	25 - 150	
d5-N-EtFOSAA	500	409	81.8	25 - 150	
M2-6:2 FTS	476	482	101	25 - 200	
M2-8:2 FTS	480	447	93.2	25 - 200	
M9PFNA	125	128	103	25 - 150	
M2-4:2 FTS	469	493	105	25 - 150	
d-N-MeFOSA	250	144	57.5	25 - 150	
d-N-EtFOSA	250	149	59.5	25 - 150	
M3HFPO-DA	1000	633	63.3	25 - 150	
d9-N-EtFOSE	2500	2380	95.0	25 - 150	
d7-N-MeFOSE	2500	2160	86.6	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	16851.74	1.197917	21639.31	1.234633	
MPFDA	5264.441	8.885366	6969.457	8.838034	
MPFHxA	15049.66	6.215217	19574.69	6.177834	
MPFHxS	1564.023	7.195833	2009.635	7.149567	
MPFNA	7969.419	8.37705	9093.655	8.330733	
MPFOA	17045.88	7.773716	20408.18	7.71795	
MPFOS	4051.454	8.41245	4703.239	8.366117	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2397.539	8.376634	2820.705	8.330317	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	15150.87	7.773283	19195.74	7.726733	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	45341.47	4.4867	56260.86	4.4683	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	57524.89	1.2048	81960.48	1.23235	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	8794.542	9.6702	12467.59	9.64245	

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FB

Laboratory:	York Analytical Laboratories, Inc. - Stratford		SDG:	25C0791	
Client:	Tenen Environmental		Project:	2921 Westchester Ave	
Matrix:	Ground Water	Laboratory ID:	25C0791-07	File ID:	QQQ51082.d
Sampled:	03/12/25 07:40	Prepared:	03/19/25 16:06	Analyzed:	03/21/25 14:59
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	522 mL / 5 mL

Batch: BC51441 Sequence: S5C2131 Calibration: SC50028 Instrument: LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	1.70	U
307-24-4	Perfluorohexanoic acid (PFHxA)	1	1.92	U
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	1.92	U
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.75	U
335-67-1	Perfluorooctanoic acid (PFOA)	1	1.92	U
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.78	U
375-95-1	Perfluorononanoic acid (PFNA)	1	1.92	U
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.92	U
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.92	U
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.92	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.92	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.92	U
2355-31-9	N-MeFOSAA	1	1.92	U
2991-50-6	N-EtFOSAA	1	1.92	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	3.83	U
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.92	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.83	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.85	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.28	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.36	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	7.66	~~U~~ R
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.41	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.83	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.83	~~U~~ UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.83	~~U~~ UJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.80	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.18	U
13252-13-6	HFPO-DA (Gen-X)	1	7.66	U
763051-92-9	11CL-PF3OUdS	1	7.24	~~U~~ UJ
756426-58-1	9CL-PF3ONS	1	7.16	~~U~~ UJ
919005-14-4	ADONA	1	7.24	~~U~~ UJ
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.86	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.84	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.79	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	23.9	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	23.9	U
24448-09-7	N-MeFOSE	1	19.2	U
31506-32-8	N-MeFOSA	1	1.92	U
1691-99-2	N-EtFOSE	1	19.2	U
4151-50-2	N-EtFOSA	1	1.92	U

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FB

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C0791
Client:	Tenen Environmental			Project:	2921 Westchester Ave
Matrix:	Ground Water	Laboratory ID:	25C0791-07	File ID:	QQQ51082.d
Sampled:	03/12/25 07:40	Prepared:	03/19/25 16:06	Analyzed:	03/21/25 14:59
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	522 mL / 5 mL
Batch:	BC51441	Sequence:	S5C2131	Calibration:	SC50028
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	22.3	27.8	125	25 - 150	
M5PFHxA	23.9	26.1	109	25 - 150	
M4PFHpA	23.9	25.2	105	25 - 150	
M3PFHxS	22.7	29.8	131	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.9	30.6	128	25 - 150	
M6PFDA	12.0	12.8	107	25 - 150	
M7PFUdA	12.0	14.2	119	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.0	13.0	109	25 - 150	
M2PFTeDA	12.0	10.3	86.4	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.8	2.84	2.97	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.9	25.6	112	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.9	27.8	58.1	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.9	26.9	112	10 - 150	
d3-N-MeFOSAA	47.9	49.2	103	25 - 150	
d5-N-EtFOSAA	47.9	46.5	97.1	25 - 150	
M2-6:2 FTS	45.5	49.1	108	25 - 200	
M2-8:2 FTS	46.0	47.7	104	25 - 200	
M9PFNA	12.0	14.9	125	25 - 150	
M2-4:2 FTS	44.9	44.4	98.9	25 - 150	
d-N-MeFOSA	23.9	31.9	133	25 - 150	
d-N-EtFOSA	23.9	32.2	134	25 - 150	
M3HFPO-DA	95.8	66.9	69.8	25 - 150	
d9-N-EtFOSE	239	262	109	25 - 150	
d7-N-MeFOSE	239	274	115	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	12782.45	1.2071	18739.13	1.188733	
MPFDA	5196.221	8.857516	5728.278	8.828767	
MPFHxA	14897.5	6.196333	16268.87	6.168583	
MPFHxS	1442.437	7.168067	1667.33	7.140316	
MPFNA	7482.305	8.349267	7674.073	8.330733	
MPFOA	15846.35	7.7459	17277.05	7.7272	
MPFOS	3902.872	8.38465	4216.853	8.366134	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2731.652	8.34885	2292.794	8.330317	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	16638.97	7.745467	15557.47	7.726733	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	23327.22	4.4683	48652.34	4.4407	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1513.993	1.2048	78024.89	1.18645	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	11474.98	9.651716	12912.1	9.633217	

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Attachment 2: Reagent Manufacturers' Specifications

PersulfOx® Technical Description

PersulfOx is an *In Situ* Chemical Oxidation (ISCO) reagent that destroys organic contaminants found in groundwater and soil through powerful, yet controlled, chemical reactions. A sodium persulfate-based technology (figure 1), PersulfOx employs a patented catalyst to enhance the oxidative destruction of both hydrocarbons and chlorinated contaminants in the subsurface.

Typically, sodium persulfate is activated with the addition of heat, chelated metals, hydrogen peroxide, or base in order to generate sulfate radicals. These activation processes are inherently complex, costly and can pose additional health and safety risks. In comparison, PersulfOx is a relatively safe and easy-to-use ISCO agent with a built-in catalyst which activates the persulfate component, generating contaminant-destroying free radicals without the need for the addition of a separate activator. The equation below shows the net complete oxidation of toluene, a constituent of gasoline, by PersulfOx:

Example of PersulfOx

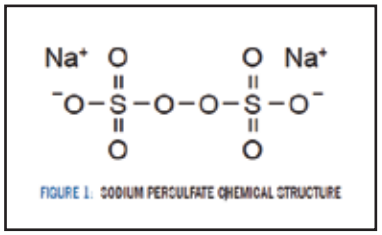

FIGURE 1: SODIUM PERSULFATE CHEMICAL STRUCTURE

For a list of treatable contaminants with the use of PersulfOx, view the Range of Treatable Contaminants Guide

Chemical Composition

- Sodium Persulfate - CAS #7775-27-1
- Sodium Silicate - CAS #1344-09-8

Properties

- pH - 7 to 11.5 at 25°C
- Appearance – White, free-flowing powder, clear to cloudy when mixed with water
- Odor – Not detectable
- Vapor Pressure – None
- Chemical Hazard Classification - Class 5.1 Oxidizer

Storage and Handling Guidelines

Storage
Store locked up
Keep away from heat
Store in a cool, dry place out of direct sunlight

Handling
Minimize dust generation and accumulation
Routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces

PersulfOx® Technical Description

Storage (continued)
Store in original tightly closed container
Store in a well-ventilated place
Do not store near combustible materials
Store away from incompatible materials
Recommended to store at less than 40°C
Provide appropriate exhaust ventilation in places where dust is formed

Handling (continued)
Avoid mixing with combustibles
Avoid contamination
Keep away from clothing and other combustible materials
Wear appropriate personal protective equipment
Avoid breathing dust
Avoid contact with eyes, skin, and clothing
Avoid prolonged exposure
Do not taste or swallow
When using, do not eat, drink or smoke
Wear appropriate personal protective equipment
Wash hands thoroughly after handling
Observe good industrial hygiene practices

Applications

- PersulfOx is mixed with water at a rate of 5% to 20% prior to application.
- For most applications, REGENESIS suggests a 10-15% solution. The resulting mixture has viscosity similar to water.
- Injects into formation through direct push injection points, injection wells or other injection delivery systems.

Application instructions for this product are contained here PersulfOx Application Instructions.

Health and Safety

Material is relatively safe to handle; however, avoid contact with eyes, skin and clothing. OSHA Level D personal protection equipment including: vinyl or rubber gloves, eye protection, and dust mask are recommended when handling this product. Please review the Material Safety Data Sheet for additional storage, usage, and handling requirements here: PersulfOx SDS.

SAFETY DATA SHEET

1. Identification

Product identifier	**PersulfOx®**
Other means of identification	None.
Recommended use	Soil and Groundwater Remediation.
Recommended restrictions	None known.

Manufacturer/Importer/Supplier/Distributor information

Company Name	REGENESIS
Address	1011 Calle Sombra San Clemente, CA 92673 USA
General information	949-366-8000
E-mail	CustomerService@regenesis.com

Emergency phone number	For Dangerous Goods Incidents ONLY (spill, leak, fire, exposure or accident), call CHEMTREC 24/7 at:
USA, Canada	1-800-424-9300
International	+1 703-741-5970

2. Hazard(s) identification

Physical hazards	Oxidizing solids	Category 3
Health hazards	Acute toxicity, oral	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Sensitization, respiratory	Category 1
	Sensitization, skin	Category 1
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation

OSHA defined hazards Not classified.

Label elements

Signal word	Danger
Hazard statement	May intensify fire; oxidizer. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.

Precautionary statement

Prevention	Keep away from heat. Keep/Store away from clothing and other combustible materials. Take any precaution to avoid mixing with combustibles. Avoid breathing dust. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.
Response	If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. If experiencing respiratory symptoms: Call a poison center/doctor. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Sodium persulfate	7775-27-1	≥90
Silicic acid, sodium salt	1344-09-8	≤10

Composition comments All concentrations are in percent by weight unless otherwise indicated.

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Never give anything by mouth to a victim who is unconscious or is having convulsions. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and delayed Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Dusts may irritate the respiratory tract, skin and eyes. Difficulty in breathing. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information Take off all contaminated clothing immediately. Contact with combustible material may cause fire. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Water spray, fog (flooding amounts).

Unsuitable extinguishing media Do not use water unless flooding amounts are available. Material reacts with water. Do not use carbon dioxide or other gas filled fire extinguishers; they will have no effect on decomposing persulfates.

Specific hazards arising from the chemical Greatly increases the burning rate of combustible materials. Containers may explode when heated. During fire, gases hazardous to health may be formed. Combustion products may include: sulfur oxides.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.

Specific methods Cool containers exposed to flames with water until well after the fire is out. Avoid dust formation.

General fire hazards May intensify fire; oxidizer. Contact with combustible material may cause fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep away from clothing and other combustible materials. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of dust. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Collect dust using a vacuum cleaner equipped with HEPA filter. If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Ventilate the contaminated area. Stop the flow of material, if this is without risk. Spillage collected should be monitored for signs of reaction or decomposition (fuming/smoking). If spilled material is wet, dissolve with large quantity of water.

Large Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. Minimize dust generation and accumulation. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Place all material into loosely covered plastic containers for later disposal. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from heat. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from clothing and other combustible materials. Take any precaution to avoid mixing with combustibles. Avoid contamination. Wear appropriate personal protective equipment (See Section 8). Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Do not store near combustible materials. Store away from incompatible materials (see Section 10 of the SDS). Recommended storage temperature: less than 40°C.

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
Sodium persulfate (CAS 7775-27-1)	TWA	0.1 mg/m3

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection

Use dust-tight, unvented chemical safety goggles when there is potential for eye contact.

Skin protection

Hand protection

Wear appropriate chemical resistant gloves. Rubber, neoprene or PVC gloves are recommended. Breakthrough time: > 480 minutes.

Skin protection

Other

Wear appropriate chemical resistant clothing.

Respiratory protection

If engineering measures are not sufficient to maintain concentrations of dust particulates below the OEL, suitable respiratory protection must be worn. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Respirator type: approved respirator with P100 filters.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Keep from contact with clothing and other combustible materials. Remove and wash contaminated clothing promptly. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Physical state	Solid.
Form	Free-flowing powder.
Color	White.
Odor	Odorless.
Odor threshold	Not available.
pH	11.5 (10 % solution, 77 °F (25 °C))
Melting point/freezing point	Not determined.
Initial boiling point and boiling range	Not determined.
Flash point	Not applicable.
Evaporation rate	Not available.
Flammability (solid, gas)	Oxidizer.

Upper/lower flammability or explosive limits

Explosive limit - lower (%)	Not determined.
Explosive limit - upper (%)	Not determined.
Vapor pressure	Not applicable.
Vapor density	Not applicable.
Relative density	> 1.5 - < 1.8 (68 °F (20 °C))

Solubility(ies)

Solubility (water)	Soluble in water.
Partition coefficient (n-octanol/water)	Not applicable, product is a mixture.
Auto-ignition temperature	Not determined.
Decomposition temperature	Decomposition will occur upon heating.
Viscosity	Not available.

Other information

Density	Not determined.
Kinematic viscosity	Not applicable.

10. Stability and reactivity

Reactivity	Greatly increases the burning rate of combustible materials.
Chemical stability	Decomposes on heating.
Possibility of hazardous reactions	Oxidizing, avoid contact with reducing agents.
Conditions to avoid	Heat. Contact with incompatible materials. Avoid dust formation.
Incompatible materials	Acids. Bases. Combustible material. Reducing agents. Metals. Organic compounds.
Hazardous decomposition products	Oxygen. Sulfur oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Dust may irritate respiratory system.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	Harmful if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Dusts may irritate the respiratory tract, skin and eyes. Difficulty in breathing. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity Harmful if swallowed.

Components	Species	Test Results
Silicic acid, sodium salt (CAS 1344-09-8)		
Acute		
Dermal		
LD50	Rat	> 5000 mg/kg, 24 Hours
Inhalation		
Vapor		
LC50	Rat	> 2.06 mg/l, 4 Hours
Oral		
LD50	Rat	3400 mg/kg
Sodium persulfate (CAS 7775-27-1)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Rat	2950 mg/m³, 4 h
Oral		
LD50	Rat	300 mg/kg

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure May cause respiratory irritation.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
Silicic acid, sodium salt (CAS 1344-09-8)			
Aquatic			
Acute			
Algae	EC50	Scenedesmus subspicatus	7.5 mg/l, 72 hours
Crustacea	EC50	Aquatic Invertebrates	1700 mg/l, 48 hours
Fish	LC50	Danio rerio	1108 mg/l, 96 hours

Components		Species	Test Results
		Oncorhynchus mykiss	>= 260 - <= 310 mg/l, 96 hours
	NOEC	Fish	348 mg/l, 96 hours
Sodium persulfate (CAS 7775-27-1)			
Aquatic			
Acute			
Algae	LC50	Algae	320 mg/l, 72 hours
Crustacea	EC50	Abra alba	11 mg/l, 5 days
		Daphnia magna	120 mg/l, 48 hours
Fish	LC50	Oncorhynchus mykiss	76.3 mg/l, 96 hours
		Scophthalmus maximus	107.6 mg/l, 96 hours

Persistence and degradability The product contains inorganic compounds which are not biodegradable.

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects None known.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

UN number UN1479

UN proper shipping name Oxidizing solid, n.o.s. (Sodium persulfate)

Transport hazard class(es)

Class 5.1

Subsidiary risk -

Label(s) 5.1

Packing group III

Environmental hazards

Marine pollutant No.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions 62, IB8, IP3, T1, TP33

Packaging exceptions 152

Packaging non bulk 213

Packaging bulk 240

IATA

UN number UN1479

UN proper shipping name Oxidizing solid, n.o.s. (Sodium persulfate)

Transport hazard class(es)

Class 5.1

Subsidiary risk -

Packing group III

Environmental hazards No.

ERG Code 5L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN1479

UN proper shipping name OXIDIZING SOLID, N.O.S. (Sodium persulfate)

Transport hazard class(es)

Class	5.1
Subsidiary risk	-
Packing group	III
Environmental hazards	
Marine pollutant	No.
EmS	F-A, S-Q
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Toxic Substances Control Act (TSCA) All components of the mixture on the TSCA 8(b) inventory are designated “active”.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical	Yes
Classified hazard categories	Oxidizer (liquid, solid, or gas) Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitization Specific target organ toxicity (single or repeated exposure)

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Sodium persulfate (CAS 7775-27-1)

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

US. Rhode Island RTK

Not regulated.

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 12-February-2015

Revision date 07-February-2023

Version # 05

HMIS® ratings

Health: 2*
Flammability: 0
Physical hazard: 1
Personal protection: I

NFPA ratings

References

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
HSDB® - Hazardous Substances Data Bank
IARC Monographs. Overall Evaluation of Carcinogenicity
Japan Chemical Industry Association (JCIA) GHS Guideline, June 2019
National Toxicology Program (NTP) Report on Carcinogens

Disclaimer

Regenesis cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

Attachment 3: ISCO Design Summary Sheet

Detailed Design Table

Project Information		
2921 Westchester Ave.		
Bronx, NY		
ISCO Injection Area		
Prepared For:		
Tenen Environmental, LLC		
Target Treatment Zone (TTZ) Info	**Unit**	**Value**
Treatment Area	ft^2	2,050
Top Treatment Depth	ft	1.0
Bottom Treatment Depth	ft	4.0
Vertical Treatment Interval	ft	3.0
Treatment Zone Volume	ft^3	6,150
Treatment Zone Volume	cy	228
Soil Type	-	silty sand
Porosity	cm^3/cm^3	0.40
Effective Porosity	cm^3/cm^3	0.20
Treatment Zone Pore Volume	gals	18,402
Treatment Zone Effective Pore Volume	gals	9,201
Soil Density	g/cm^3	1.6
Hydraulic Conductivity	ft/day	10.0
Hydraulic Gradient	ft/ft	0.005
GW Velocity	ft/yr	91
Application Design Summary		
Treatment Area	ft^2	2050
Application Method	-	**Injection Wells**
Spacing within Rows	ft	see map
Spacing Between Rows	ft	see map
Injection Points (per app.)	-	60
Number of Applications	-	**2**
Total PersulfOx to be Applied	**lbs**	**2,204**
PersulfOx per Application	lbs	1,102
PersulfOx Solution	**%**	**10.0%**
Volume of Water	gals	2,377
Total Application Volume	**gals**	**2,487**
Application Volume per Foot	gals	7
Injection Volume per Point	gals	21
Application Dosing		
PersulfOx Required	**lbs**	**2,204**
Prepared By:	**Tyler Harris - Design Specialist**	
Date:	**10/31/2025**	

Attachment 4: Site-Specific Community Air Monitoring Plan

Community Air Monitoring Plan (CAMP)

for
2921 Westchester Avenue
ISCO Design Document

2921 Westchester Avenue
Bronx, New York
BCP Site # C203140

Submitted to:
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau B
625 Broadway, 12th Floor
Albany, NY 12233-7016

Prepared for:
Ralford Realty Corp.
c/o Anthony Scovotti
Eifert French & Ketchum
330 Fifth Avenue
Pelham, NY 10803

Prepared by:
TENEN ENVIRONMENTAL
121 West 27th Street, Suite 303
New York, NY 10001

December 2025

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

CAMP will be implemented during the subsurface Site investigation activities that will be conducted in accordance with the Remedial Investigation Work Plan (RIWP). Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Site Work Zones

During any activities involving subsurface disturbance, the work area must be divided into various zones to prevent the spread of contamination, ensure that proper protective equipment is donned, and provide an area for decontamination.

The exclusion zone is defined as the area where exposure to impacted media could be encountered. The Contamination Reduction Zone (CRZ) is the area where decontamination procedures take place and is located next to the Exclusion Zone. The Support Zone is the area where support facilities such as vehicles, fire extinguisher, and first air supplies are located. The emergency staging area (part of the Support Zone) is the area where all workers onsite would assemble in the event of an emergency. A summary of these areas is provided below. These zones may change by the Site Safety Officer, depending on that day's activities. All field personnel will be informed of the location of these zones before work begins. Appropriate barriers will be set up to secure the area and prevent any unauthorized personnel from approaching within ten feet of the work area.

Site Work Zones

Task	Exclusion Zone	CRZ	Support Zone
Permanent Injection Well Installation and Application of Chemical Injections at Permanent Injection Wells	10 feet from the injection well location	20 feet from the injection well location	As needed

Community Air Monitoring Plan

Real-time air monitoring for VOCs and particulate levels at the perimeter of the exclusion zone or work area will be conducted during all intrusive Site activities in compliance with the New York State Department of Health (NYSDOH) Generic CAMP.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of injection wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. Periodic monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location.

Fixed Air Monitoring Stations

Fixed air monitoring stations will be set up at the upwind and downwind perimeters of the exclusion zone (two total) during the subsurface RI work and will continuously log VOC and particulate levels. One upwind and one downwind station will be installed during the work. The total number of CAMP stations may continue to be revised as onsite conditions necessitate with consultation and approval from NYSDEC and NYSDOH. Each fixed monitoring station will be fully enclosed and equipped with the following:

- A PID equipped with a 10.6 eV lamp capable of calculating 15-minute running average VOC concentrations;
- A TSI DustTrak II or equivalent dust monitor capable of measuring the concentration of airborne respirable particles less than 10 micrometers in size (PM_{10}) and calculating 15-minute running average particulate concentrations; and,
- A Netronix™ Thiamis™ ICU-820 or equivalent Global System for Mobile Communication (GSM)/Global Positioning System (GPS) device capable of recording air monitoring and location data.

Each monitoring station will be capable of sending e-mail or text message alerts to the Site Safety Officer to indicate an exceedance of action levels. Additionally, the SSO will conduct an inspection of the monitoring stations on at least an hourly basis. Upon completion of Site activities, all air monitoring data will be available to download via the iEnvironet or Samsara websites. All air monitoring data recorded at the fixed monitoring stations will be available for NYSDOH and/or NYSDEC review and will be included in the Remedial Investigation Report (RIR). All exceedances will be provided to NYSDEC and NYSDOH within 24 hours of the exceedance along with the reason for the exceedance and the corrective action taken.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) will be monitored at the upwind and downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work will be performed using a photoionization detector (PID) equipped with a 10.6 eV lamp. The PID will be calibrated at least daily and will be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities will be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, work activities will be shutdown.

4. All 15-minute readings will be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes will also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations will be monitored continuously at the upwind and downwind perimeters of the exclusion zone on a continuous basis. The particulate monitoring will be performed using real-time monitoring equipment (TSI DustTrak II or equivalent) capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment will be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration will be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques will be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work will be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust

migration.

3. All readings will be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures

When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates will reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices will be considered to prevent exposures related to the work activities and to control dust and odors.

Consideration will be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 ppm, monitoring will occur within the occupied structure(s). Background readings in the occupied spaces will be taken prior to commencement of the planned work. Any unusual background readings will be discussed with NYSDOH prior to commencement of the work.

If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150 mcg/m^3, work activities will be suspended until controls are implemented and are successful in reducing the total particulate concentration to 150 mcg/m^3 or less at the monitoring point.

Depending upon the nature of contamination and investigation activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be monitored. Response levels and actions should be pre-determined, as necessary, for each site.

Special Requirements for Indoor Work with Occupied Co-Located Residences or Facilities

Unless a self-contained, negative-pressure enclosure with proper emission controls will encompass the work area, all individuals not directly involved with the planned work must be absent from the room in which the work will occur. Monitoring requirements will be as stated

above under "Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures" except that in this instance "nearby/occupied structures" would be adjacent occupied rooms. Additionally, the location of all exhaust vents in the room and their discharge points, as well as potential vapor pathways (openings, conduits, etc.) relative to adjoining rooms, should be understood and the monitoring locations established accordingly. In these situations, exhaust fans or other engineering controls may be used to create negative air pressure within the work area during remedial activities. Additionally, consideration will be given to implementing the planned work during hours (e.g. weekends or evenings) when building occupancy is at a minimum.