



Monthly Progress Report 2023 No. 11

Former NuHart West Site

65 Dupont Street, Brooklyn, NY

NYSDEC Site No. 224136

Reporting Period: November 1, 2023 – December 1, 2023

1. Introduction

In accordance with the reporting requirements for the Former NuHart West Site, located at 65 Dupont Street, Brooklyn, NY (Site), Haley & Aldrich of New York (Haley & Aldrich), has prepared this monthly progress report, on behalf of Dupont Street Owner LLC, to summarize the work performed at the Site from November 1 through December 1, 2023.

The Former NuHart West Site is located in the Greenpoint neighborhood of Brooklyn, NY and is identified as Block 2487 Lot 17 on the New York City tax map. The Site is listed in the New York State Department of Environmental Conservation (NYSDEC) Inactive Hazardous Waste Registry as a Class 2 Site (Site No. 224136). The Site is underlain by sub-grade footings, utility networks, closed underground storage tanks (USTs), and piping and trench systems. The USTs and trench systems were cleaned out and the USTs were closed in accordance with applicable regulations in 2006. Former industrial operations at the Site have impacted onsite and offsite soil and groundwater with phthalates and lubricating oil (Hecla oil), most likely released from the tank and piping/trench systems. Phthalates and a phthalate/oil mixture are present in soil and as a light non-aqueous-phase liquid (LNAPL) plume floating on the groundwater surface primarily beneath former Lots 1, 10, and 78 of the Site and extending somewhat offsite to the southwest. Groundwater is encountered at approximately 8 to 10 feet below ground surface (ft bgs). Currently, the site is a vacant 49,000-square foot lot with a concrete slab on grade undergoing excavation and remediation.

Resource Conservation and Recovery Act (RCRA) closure activities were completed at the Site in May 2022. Interim remedial measure (IRM) activities are no longer being conducted at the Site since the product recovery systems were decommissioned as part of the RCRA Closure. IRM activities concluded in February 2022. Eastern Environmental Solutions, Inc. (Eastern) previously conducted waste management activities for disposal of product from the IBC tanks at the Site. Prior to 2022, Eastern has transported and disposed an estimated 2,116 gallons of product at the CycleChem facility in Elizabeth, NJ as hazardous waste. In January 2022, ACV Environmental Services Inc. (ACV) transported and disposed a total of 2,529 gallons of product at the CycleChem facility in Elizabeth, NJ as hazardous waste.

2. Investigation or Remedial Actions Relative to the Site during this Reporting Period

During this reporting period, Haley & Aldrich oversaw the excavation, stockpiling, and loadout for offsite disposal of soil within the negative pressure enclosure on the western portion of the Site and from the ramp on the eastern portion of the Site, operation of the dewatering system, and installation of support of excavation elements.

Eleven USTs were uncovered under the current location of the negative pressure enclosure to

date and have all been cut open and cleaned by Eastern Environmental Solutions Inc.

Haley & Aldrich performed the Community Air Monitoring Program in accordance with the approved Final 100% Remedial Design during ground intrusive activities at one upwind and two downwind locations measuring volatile organic compounds (VOCs) and dust particulates. Daily reports have been submitted the following business day to the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) case managers.

Haley & Aldrich continued the LNAPL Recovery Pilot Test in OU-2 which began on 24 October 2023. LNAPL is recovered daily from recovery wells and stored in 275-gallon IBC totes within a secondary containment on the southwestern portion of the Site. Weekly summaries of LNAPL recovery are included in daily reports submitted on Mondays. Haley & Aldrich evaluated the use of alternative methods for LNAPL recovery including vacuum enhanced fluid recovery, an impeller-driven transfer pump and a peristaltic pump. The transfer pump method has been more consistently effective in recovering LNAPL while vacuum enhanced recovery and the peristaltic pump methods were not as effective due to higher viscosity product encountered in certain wells. Additionally, an absorbent sock was installed in RW-51 which is located outside the construction fence and has LNAPL present. A table summarizing LNAPL recovery at each monitoring well for the month of November is attached. LNAPL recovery well locations are shown on Figure 1.

Dewatering permit compliance sampling data by Chicetti Engineering PLLC is attached.

3. Monthly On-Site and Off-Site Monitoring Well Gauging

Gauging of off-site monitoring wells associated with the Site was performed on 28 November 2023. On-site monitoring wells are no longer accessible due to construction activities. Gauging results are included in the attached table. Additionally, transducers are installed in MW-12, MW-14, MW-29, MW-30, and MW-38 and could not be gauged. The wells that could not be accessed are identified on Figure 2.

Due to LNAPL identified in MW-24 in previous reporting periods, an absorbent sock (New Pig) remains installed in MW-24 and is inspected on a weekly basis and replaced periodically, as needed. Absorbent socks have also been installed in all off-site monitoring wells outside the construction fence where LNAPL is present including MW-20, MW-25, and MW-26.

4. Actions Relative to the Site Anticipated for the Next Reporting Period(s)

- Continue remedy execution including removal of the slab and excavation and off-site disposal of soil on the western portion of the Site, under the negative pressure enclosure.
- Continue the full-scale LNAPL recovery demonstration test by recovering LNAPL from the off-site recovery wells.

5. Approved Activity Modifications (changes of work scope and/or schedule)

There have been no modifications to the work scope.

6. Results of Sampling, Testing and Other Relevant Data

Samples of the tank contents and tank rinsate samples were collected from 1 November to 17 November 2023. Results of the tank content samples and rinsate samples were presented in the Supplemental Contained in Request 09 and Supplemental Contained in Request 10.

No documentation samples were collected during this reporting period.

Air samples of each air handler unit utilized for the negative pressure enclosure were collected on 31 October 2023 through 2 November 2023 and were analyzed for volatile organic compounds (VOCs) using EPA method TO-15 including cis-1,2-dichloroethene, trichloroethene, and vinyl chloride, and for semi-volatile organic compounds (SVOCs) including bis(2-ethylhexyl)phthalate and dioctyl phthalate using EPA Method TO-13A. A table of the air sampling results for the five air handling units and the analytical laboratory reports are attached.

7. Deliverables Submitted During This Reporting Period

The Supplemental Contained-in Request 09 was submitted to NYSDEC on 8 November 2023 and was approved on 13 November 2023. The Supplemental Contained-in Request 10 was submitted to NYSDEC on 22 November 2023 and was approved on 29 November 2023. No other deliverables were submitted during this reporting period.

8. Information Regarding Percentage of Completion

The Remedial Action is approximately 60% complete.

9. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None.

10. Community Participation (CP) Plan Activities during This Reporting Period

None.

11. Activities Anticipated in Support of the CP Plan for the Next Reporting Period:

None.

12. Miscellaneous Information

None.

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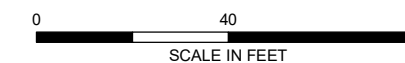


LEGEND

- CONFIRMATION SAMPLE, COLLECTED AT 16 FT
- EXISTING GROUNDWATER MONITORING WELL TO BE PROTECTED DURING CONSTRUCTION
- PROPOSED LNAPL RECOVERY WELL (4" DIAMETER WITH 0.01 SLOT SIZE)
- PROPOSED LNAPL RECOVERY WELL (2" DIAMETER WITH 0.01 SLOT SIZE)
- PROPOSED LNAPL RECOVERY WELL (4" DIAMETER WITH 0.02 SLOT SIZE)
- PROPOSED LNAPL RECOVERY WELL (2" DIAMETER WITH 0.02 SLOT SIZE)
- EXTENT OF LNAPL ON GROUNDWATER
- SITE BOUNDARY
- TK9 APPROXIMATE UST LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID
3. SITE BOUNDARY, GROUNDWATER MONITORING WELL LOCATIONS, PRODUCT RECOVERY WELL LOCATIONS, AND APPROXIMATE EXTENT OF LNAPL DIGITIZED FROM FIGURE TITLED, "FIGURE 1, AERIAL EXTENT OF LNAPL ON GROUNDWATER", GZA, AUGUST 2016.
4. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023



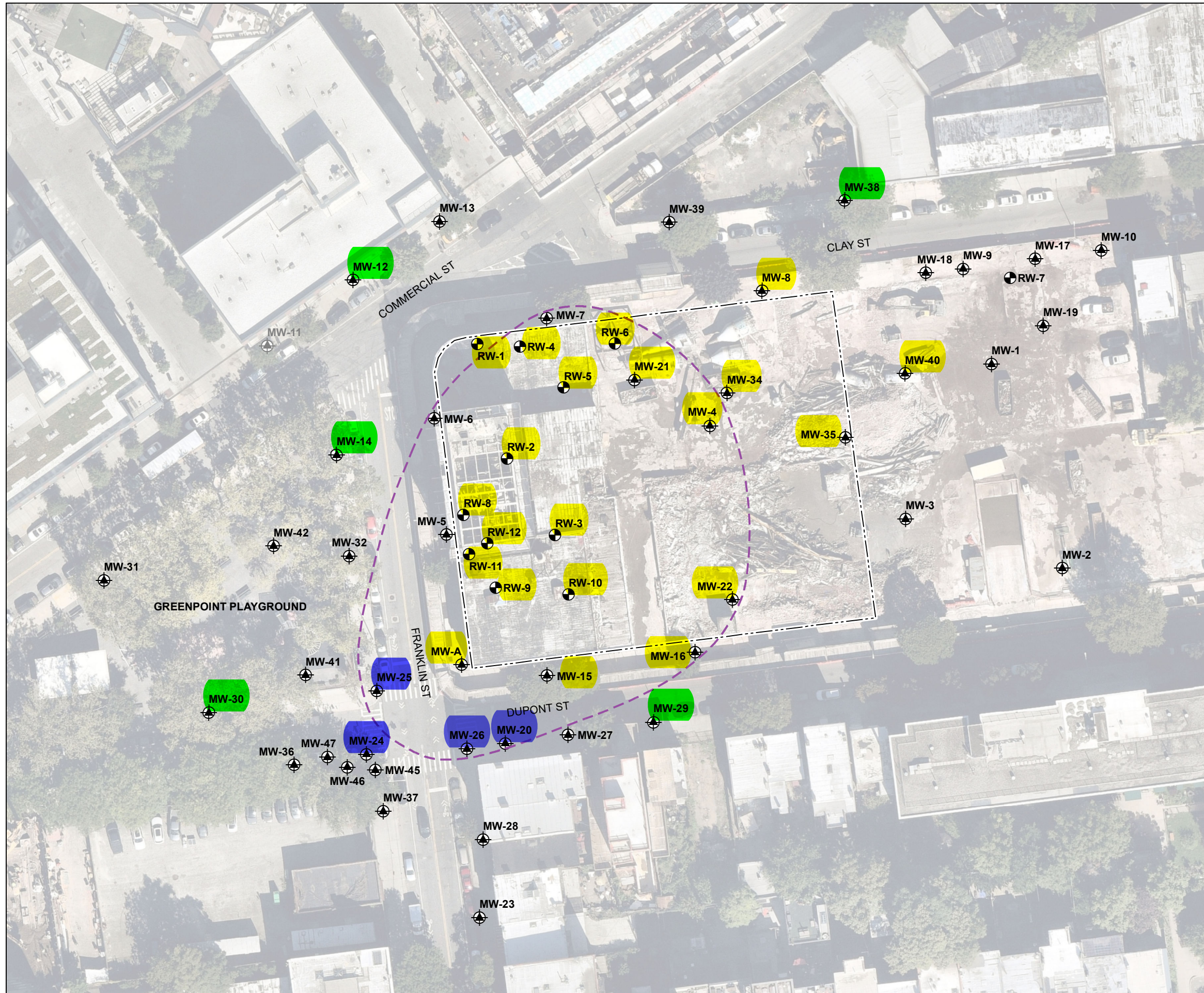
**HALEY
ALDRICH**

49 DUPONT STREET
BROOKLYN, NEW YORK

SITE PLAN

NOVEMBER 2023

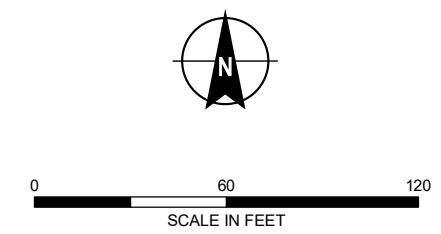
FIGURE 1



LEGEND

- GROUNDWATER MONITORING WELL
- PRODUCT RECOVERY WELL
- GROUNDWATER MONITORING WELL, DESTROYED
- EXTENT OF LIGHT NON-AQUEOUS PHASE LIQUID (LNAPL) ON GROUNDWATER
- SITE BOUNDARY
- PARCEL
- WELL INACCESSIBLE
- TRANSDUCER INSTALLED IN MONITORING WELL
- ABSORBENT SOCK INSTALLED IN MONITORING WELL

- NOTES**
1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
 2. SITE BOUNDARY, GROUNDWATER MONITORING WELL LOCATIONS, PRODUCT RECOVERY WELL LOCATIONS, AND APPROXIMATE EXTENT OF LNAPL DIGITIZED FROM FIGURE 1, AERIAL EXTENT OF LNAPL ON GROUNDWATER", PREPARED BY GZA, DATED AUGUST 2016.
 3. AERIAL IMAGERY SOURCE: NEARMAP, 27 SEPTEMBER 2022



HALEY ALDRICH 49 DUPONT STREET
BROOKLYN, NEW YORK

SITE PLAN

APRIL 2023

FIGURE 2

Table 1:
Attachment A: Apparent Thickness of LNAPL
Former NuHart Plastic Manufacturing Site, NYSDEC #224136
280 Franklin Street
Brooklyn, NY

Table with columns for Well Number, Depth to Water (feet), Depth to Product (feet), and Apparent Thickness of LNAPL (feet) for months 2023, 2022, and 2021. Rows include MW-4 through MW-47 and RW-1 through RW-12.

Notes:
Data recorded using an oil/water interface probe, measurements from the tops of well casings
= NAPL observed, apparent thickness not determined
NI = Not Installed ND = Not Detected
Wells MW-1, MW-2, MW-9, MW-10, MW-17, MW-18, MW-19, and RW-7 are associated with NYSDEC Spill 06-01852 and are under a separate investigation
est= Estimated Value ** = Water not detected; well filled with sediment, value is the total depth of the well
* = Well was dry
Wells were gauged on 28 November 2023
NA= No Access NG = Not Gauged TD = Transducer installed
Wells MW-45, MW-46, and MW-47 installed on 13 March 2023
Absorbent sock installed in MW-20, MW-24, MW-25, and MW-26

Table 1. Air Handlers Discharge - November 2023
Former NuHart West Site
49 Dupont Street, Brooklyn, NY
NYSDEC Site C224136

Table 1a. Air Handler Unit Sampling Results

LOCATION				AHU-01-EFF		AHU-02-EFF		AHU-03-EFF		AHU-04-EFF		AHU-05-EFF			
SAMPLING DATE				11/2/2023		11/1/2023		11/1/2023		10/31/2023		10/31/2023			
LAB SAMPLE ID				140-34226-1/2		140-34225-1/2		140-34225-3/4		140-34224-3/4		140-34224-1/2			
SAMPLE TYPE				Air				Air				Air			
	DAR-1 SGC	DAR-1 AGC	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual		
Volatiles Organic Contaminants of Concern by TO-15 SIM															
cis-1,2-Dichloroethene	None	63	ug/m3	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U		
Trichloroethene	20	0.21	ug/m3	0.19	U	0.19	U	0.07	J	0.19	U	0.50			
Vinyl chloride	180000	0.11	ug/m3	0.10	U	0.10	U	0.10	U	0.067	J	0.11			
Semivolatile Organic Contaminants of Concern by TO-13A															
Bis(2-ethylhexyl)phthalate	None	None	ug/m3	17	U / X	17	U / X	17	U / X	17	U / X	17	U / X		
Diocetyl phthalate	None	0.42	ug/m3	8.3	U / X	8.3	U / X	8.3	U / X	8.3	U / X	8.3	U / X		
PUF Air Sample Volumes			m3	1.2		1.2		1.2		1.2		1.2			

Notes:

DAR-1: Guidelines for Evaluation and Control of Ambient Air Contaminants under 6 NYCRR Part 212

SCG- Short-term Guideline Concentration

AGC- Annual Guideline Contentration

U- Non-Detect Result

J- Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

X- Laboratory control sample is outside acceptance limits, low biased

PUF- Polyurathane Foam

Table 1b. Air Handler Unit Potential to Emit - Treatment Determination

Air Handler Unit (AHU)			Units	AHU-1	AHU-2	AHU-3	AHU-4	AHU-5	Potential to Emit	Limit
Flow			CFM	20000	20000	20000	20000	20000	(lbs/hr)	(lbs/hr)
Volatiles Organic Contaminants of Concern by TO-15 SIM										
cis-1,2-Dichloroethene	non-HTAC		lbs/hr	0.000012	0.000012	0.000012	0.000012	0.000012	0.000060	0.5
Trichloroethene	HTAC		lbs/hr	0.000014	0.000014	0.000005	0.000014	0.000037	0.000085	0.1
Vinyl chloride	HTAC		lbs/hr	0.000007	0.000007	0.000007	0.000005	0.000008	0.000036	0.1
Semivolatile Organic Contaminants of Concern by TO-13A										
Bis(2-ethylhexyl)phthalate	non-HTAC		lbs/hr	0.001273	0.001273	0.001273	0.001273	0.001273	0.006365	0.5
Diocetyl phthalate	non-HTAC		lbs/hr	0.000621	0.000621	0.000621	0.000621	0.000621	0.003107	0.5

Notes:

The esimated flow of each air handler unit is 20,000 cubic feet per minute (cfm)

The potential to emit is calculated by the following formula: concentration (ug/m3, using detection limit if non detected) x flow (ft3/min) x conversion { (60 min/hr) / [(35.3 ft3/m3) x (1,000,000 ug/g) x (454 g/lbs)]} = lbs/hr

The potential to emit is the summation of all five air handler units

HTAC: High Toxicity Air Contaminant

Potential to Emit Limit (from NYSDEC Guidance on Air Emissions of VOCs at DER Remediation Sites):

-For HTAC compounds, if the Potential to Emit is greater than 0.1 lbs/hr, then additional treatment is required.

-For HTAC compounds, if the Potential to Emit is greater than 0.5 lbs/hr, then additional treatment is required.

November 18, 2023

Yuk Yin Wong
NYSDEC – Division of Environmental Remediation

Reference : Groundwater Sampling and Gauging Report
75 Dupont Street Brooklyn, NY
DEC Permit # 224136 and C224287

Dear Mr. Wong,

Enclosed please find the groundwater sampling and gauging report for the above referenced project. The report consists of the daily logs, groundwater levels and water sample analytical results retrieved from monitoring wells 12, 14, 29, 30, 38 and 43 by Cichetti Engineering, PLLC. Water samples and gauging were retrieved as follows:

11/09: Monthly dewatering sample

The dewatering report enclosed is associated with the foundation portion of the project which is under construction by the general contractor OmniBuild and foundation contractor MonCon. Monthly groundwater sampling and gauging will continue to be performed on a monthly basis.

We've compiled a comparative summary table of the water analytical results for each monitoring well. The groundwater results were compared to New York TOGS 1.1.1 Ambient water quality standards.

Sincerely,



Matthew Cichetti, PE
Cichetti Engineering PLLC

Cichetti Engineering
P.O. Box 195
Germantown, NY 12526

DAILY PROGRESS REPORT

PROJECT NAME	DATE	WEATHER AND TEMPERATURE
75 Dupont Street	11/09/2023	Clear – 67 Degrees

TODAY'S OVERALL PROGRESS


See attached Groundwater Monitoring Table for water level monitoring.

Retrieved monthly water samples from Monitoring Wells 12, 14, 29, 30, 38, 43 as follows:

1. Purged stagnant water in monitoring wells in accordance with USEPA "Low Stress" guidelines
2. Pumped monitoring wells and filled sampling bottles in accordance with USEPA "Low Stress" guidelines
3. Delivered water samples to lab facility and tested for the following: VOCs
SVOCs
Metals
NYSDEC list PFAS Compounds
1,4-Dioxane

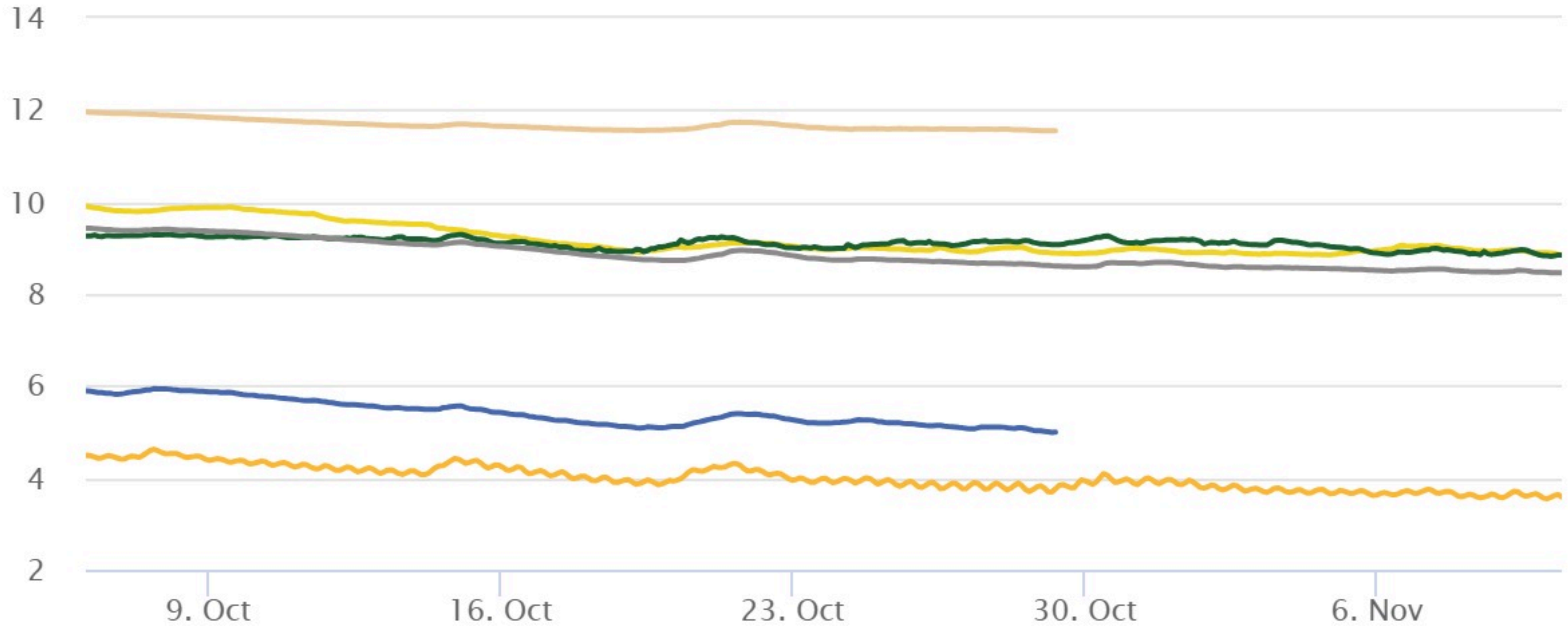
ESTIMATED QUANTITIES

TASK LOCATION	DESCRIPTION OF WORK	ITEM #	TIME PERFORMED	COMMENTS
Monitoring Well 12	Retrieved Water Sample	MW-12	8:00 AM	
Monitoring Well 14	Retrieved Water Sample	MW-14	8:00 AM	
Monitoring Well 29	Retrieved Water Sample	MW-29	8:00 AM	
Monitoring Well 30	Retrieved Water Sample	MW-30	8:00 AM	
Monitoring Well 38	Retrieved Water Sample	MW-38	8:00 AM	
Monitoring Well 43	Retrieved Water Sample	MW-43	8:00 AM	

PREPARER NAME AND TITLE	PREPARER SIGNATURE	DATE
R. Lemar Young, Project Engineer		11/09/2023

Depth (ft)

Oct 6, 2023 10:00 PM – Nov 9, 2023 11:00 PM



MW-12
MW-43
MW-38

MW-29A
MW-14

default-1041236
MW-30

Project:
65-75 Dupont

> limits

SAMPLE LOCATION	Compound	Parameter	Date		
			9/11/2023	10/5/2023	11/9/2023
MW-12	Volatile Organics, 8260 List - Low Level				
	Dilution Factor	ug/L	1	1	1
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,1-Trichloroethane	5	0.200	0.200	0.200
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200
	1,1,2-Trichloroethane	1	0.200	0.200	0.200
	1,1-Dichloroethane	5	0.200	0.200	0.200
	1,1-Dichloroethylene	5	0.200	0.200	0.200
	1,1-Dichloropropylene	5	0.200	0.200	0.200
	1,2,3-Trichlorobenzene	5	0.200	0.200	0.200
	1,2,3-Trichloropropane	0.04	0.200	0.200	0.200
	1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200
	1,2,4-Trichlorobenzene	5	0.200	0.200	0.200
	1,2,4-Trimethylbenzene	5	0.200	0.200	0.200
	1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200
	1,2-Dibromoethane	0.0006	0.200	0.200	0.200
	1,2-Dichlorobenzene	3	0.200	0.200	0.200
	1,2-Dichloroethane	0.6	0.200	0.200	0.200
	1,2-Dichloropropane	1	0.200	0.200	0.200
	1,3,5-Trimethylbenzene	5	0.200	0.200	0.200
	1,3-Dichlorobenzene	3	0.200	0.200	0.200
	1,3-Dichloropropane	5	0.200	0.200	0.200
	1,4-Dichlorobenzene	3	0.200	0.200	0.200
	2,2-Dichloropropane	5	0.200	0.200	0.200
	2-Butanone	50	0.200	1.300	0.200
	2-Chlorotoluene	5	0.200	0.200	0.200
	2-Hexanone	50	0.200	0.200	0.200
	4-Chlorotoluene	5	0.200	0.200	0.200
	4-Methyl-2-pentanone	~	0.200	0.200	0.200

Acetone	50	1.300	2	1
Benzene	1	0.200	0.200	0.200
Bromobenzene	5	0.200	0.200	0.200
Bromochloromethane	5	0.200	0.200	0.200
Bromodichloromethane	50	0.200	0.200	0.240
Bromoform	50	0.200	0.200	0.200
Bromomethane	5	0.200	0.200	0.200
Carbon disulfide	~	1.300	0.200	0.200
Carbon tetrachloride	5	0.200	0.200	0.200
Chlorobenzene	5	0.200	0.200	0.200
Chloroethane	5	0.200	0.200	0.200
Chloroform	7	0.200	0.200	4.800
Chloromethane	5	0.200	0.200	0.200
cis-1,2-Dichloroethylene	5	0.200	0.200	0.200
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Dibromochloromethane	50	0.200	0.200	0.200
Dibromomethane	~	0.200	0.200	0.200
Dichlorodifluoromethane	5	0.200	0.200	0.200
Ethyl Benzene	5	0.200	0.200	0.200
Hexachlorobutadiene	0.5	0.200	0.200	0.200
Isopropylbenzene	5	0.200	0.200	0.200
Methyl tert-butyl ether (MTBE)	10	0.200	0.200	0.200
Methylene chloride	5	1	1	1
Naphthalene	10	1	1	1
n-Butylbenzene	5	0.200	0.200	0.200
n-Propylbenzene	5	0.200	0.200	0.200
o-Xylene	5	0.200	0.200	0.200
p- & m- Xylenes	~	0.500	0.500	0.500
p-Diethylbenzene	~	0.200	0.200	0.200
p-Ethyltoluene	~	0.200	0.200	0.200
p-Isopropyltoluene	5	0.200	0.200	0.200
sec-Butylbenzene	5	0.200	0.200	0.200
Styrene	5	0.200	0.200	0.200
tert-Butylbenzene	5	0.200	0.200	0.200

Tetrachloroethylene	5	0.200	0.200	0.200
Toluene	5	0.200	0.200	0.200
trans-1,2-Dichloroethylene	5	0.200	0.200	0.200
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Trichloroethylene	5	0.200	0.200	0.200
Trichlorofluoromethane	5	0.200	0.200	0.200
Vinyl Chloride	2	0.200	0.200	0.200
Xylenes, Total	5	0.600	0.600	0.600
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous				
Dilution Factor	ug/L	1	1	1
1,4-Dioxane	0.35	0.300	0.320	0.300
Semi-Volatiles, 8270 - Comprehensive - LL				
Dilution Factor	ug/L	1	25	1
1,1-Biphenyl	~	2.500	2.780	2.600
1,2,4,5-Tetrachlorobenzene	~	2.500	2.780	2.600
1,2,4-Trichlorobenzene	5	2.500	2.780	2.600
1,2-Dichlorobenzene	3	2.500	2.780	2.600
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	2.780	2.600
1,3-Dichlorobenzene	3	2.500	2.780	2.600
1,4-Dichlorobenzene	3	2.500	2.780	2.600
2,3,4,6-Tetrachlorophenol	~	1.250	1.390	1.300
2,4,5-Trichlorophenol	1	1.250	1.390	1.300
2,4,6-Trichlorophenol	1	1.250	1.390	1.300
2,4-Dichlorophenol	5	1.250	1.390	1.300
2,4-Dimethylphenol	50	1.250	1.390	1.300
2,4-Dinitrophenol	10	1.250	1.390	1.300
2,4-Dinitrotoluene	5	2.500	2.780	2.600
2,6-Dinitrotoluene	5	2.500	2.780	2.600
2-Chloronaphthalene	10	2.500	2.780	2.600
2-Chlorophenol	1	1.250	1.390	1.300
2-Methylnaphthalene	~	2.500	2.780	2.600
2-Methylphenol	1	1.250	1.390	1.300
2-Nitroaniline	5	2.500	2.780	2.600
2-Nitrophenol	1	1.250	1.390	1.300

3- & 4-Methylphenols	1	1.250	1.390	1.300
3,3-Dichlorobenzidine	5	2.500	2.780	2.600
3-Nitroaniline	5	2.500	2.780	2.600
4,6-Dinitro-2-methylphenol	~	1.250	1.390	1.300
4-Bromophenyl phenyl ether	~	2.500	2.780	2.600
4-Chloro-3-methylphenol	1	1.250	1.390	1.300
4-Chloroaniline	5	2.500	2.780	2.600
4-Chlorophenyl phenyl ether	~	2.500	2.780	2.600
4-Nitroaniline	5	2.500	2.780	2.600
4-Nitrophenol	1	1.250	1.390	1.300
Acenaphthene	20	0.0500	0.0556	0.0521
Acenaphthylene	~	0.0500	0.0556	0.0521
Acetophenone	~	2.500	2.780	2.600
Aniline	5	2.500	2.780	2.600
Anthracene	50	0.0500	0.0556	0.0521
Atrazine	~	0.500	0.556	0.521
Benzaldehyde	~	2.500	2.780	2.600
Benzidine	~	10	11.100	10.400
Benzo(a)anthracene	0.002	0.0500	0.0556	0.0521
Benzo(a)pyrene	0.002	0.0500	0.0556	0.0521
Benzo(b)fluoranthene	0.002	0.0500	0.0556	0.0521
Benzo(g,h,i)perylene	~	0.0500	0.0556	0.0521
Benzo(k)fluoranthene	0.002	0.0500	0.0556	0.0521
Benzoic acid	~	25	27.800	26
Benzyl alcohol	~	2.500	2.780	2.600
Benzyl butyl phthalate	50	2.500	2.780	2.600
Bis(2-chloroethoxy)methane	5	2.500	2.780	2.600
Bis(2-chloroethyl)ether	1	1.250	1.390	1.300
Bis(2-chloroisopropyl)ether	5	2.500	2.780	2.600
Bis(2-ethylhexyl)phthalate	5	1.220	923	1
Caprolactam	~	2.500	2.780	2.600
Carbazole	~	2.500	2.780	2.600
Chrysene	0.002	0.0500	0.0556	0.0521
Dibenzo(a,h)anthracene	~	0.0500	0.0556	0.0521

Dibenzofuran	~	2.500	2.780	2.600
Diethyl phthalate	50	2.500	2.780	2.600
Dimethyl phthalate	50	2.500	2.780	2.600
Di-n-butyl phthalate	50	2.500	2.780	2.600
Di-n-octyl phthalate	50	2.500	18.900	2.600
Fluoranthene	50	0.0500	0.0556	0.0521
Fluorene	50	0.0500	0.0556	0.0521
Hexachlorobenzene	0.04	0.0200	0.0222	0.0208
Hexachlorobutadiene	0.5	0.500	0.556	0.521
Hexachlorocyclopentadiene	5	2.500	2.780	2.600
Hexachloroethane	5	0.500	0.556	0.521
Indeno(1,2,3-cd)pyrene	0.002	0.0500	0.0556	0.0521
Isophorone	50	2.500	2.780	2.600
Naphthalene	10	0.0500	0.0556	0.0521
Nitrobenzene	0.4	0.250	0.278	0.260
N-Nitrosodimethylamine	~	0.500	0.556	0.521
N-nitroso-di-n-propylamine	~	2.500	2.780	2.600
N-Nitrosodiphenylamine	50	2.500	2.780	2.600
Pentachlorophenol	1	0.250	0.278	0.260
Phenanthrene	50	0.0500	0.0556	0.0521
Phenol	1	1.250	1.390	1.300
Pyrene	50	0.0500	0.0556	0.0521
Pyridine	50	2.500	2.780	2.600
Metals, Target Analyte, ICP				
Dilution Factor	ug/L	1	1	1
Aluminum	~	1,510	216	3,210
Barium	1000	195	97.500	401
Calcium	~	50,700	124,000	102,000
Chromium	50	6.620	5.560	106
Cobalt	~	7.100	4.440	22.600
Copper	200	22.200	22.200	48.800
Iron	~	6,220	430	82,600
Lead	25	15.600	5.560	43.800
Magnesium	35000	6,910	33,500	37,400

Manganese	300	1,020	5,540	2,830
Nickel	100	11.100	11.100	63.500
Potassium	~	2,730	14,500	4,940
Silver	50	5.560	5.560	5.560
Sodium	20000	225,000	66,300	40,300
Vanadium	~	11.200	11.100	11.100
Zinc	2000	125	27.800	257

Metals, Target Analyte, ICPMS

Dilution Factor	ug/L	1	1	1
Antimony	3	1.110	1.110	1.110
Arsenic	25	1.420	2.570	1.110
Beryllium	3	0.333	0.333	0.850
Cadmium	5	0.556	0.556	0.556
Selenium	10	1.110	1.110	3.630
Thallium	~	1.110	1.110	1.110

Mercury by 7470/7471

Dilution Factor	ug/L	1	1	1
Mercury	0.7	0.200	0.200	0.200

PFAS, NYSDEC Target List

Dilution Factor	ug/L	5	1	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00463	0.00093	0.00094
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.0116	0.00231	0.00236
N-EtFOSAA	~	0.00093	0.00093	0.00094
N-MeFOSAA	~	0.00093	0.00093	0.00094
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00093	0.00093	0.00094
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00093	0.00463	0.00094
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00093	0.00093	0.00094
Perfluorobutanesulfonic acid (PFBS)	~	0.00410	0.00229	0.00281
Perfluorodecanoic acid (PFDA)	~	0.00093	0.00093	0.00094
Perfluorododecanoic acid (PFDoA)	~	0.00093	0.00093	0.00094
Perfluoroheptanoic acid (PFHpA)	~	0.00475	0.00093	0.00452
Perfluorohexanesulfonic acid (PFHxS)	~	0.00093	0.00093	0.00244
Perfluorohexanoic acid (PFHxA)	~	0.0104	0.00126	0.00740
Perfluoro-n-butanoic acid (PFBA)	~	0.00746	0.0163	0.00933

	Perfluorononanoic acid (PFNA)	~	0.00136	0.00093	0.00140
	Perfluorooctanesulfonic acid (PFOS)	~	0.00259	0.00093	0.0178
	Perfluorooctanoic acid (PFOA)	~	0.00577	0.00093	0.0394
	Perfluoropentanoic acid (PFPeA)	~	0.0113	0.00678	0.00833
	Perfluorotetradecanoic acid (PFTA)	~	0.00093	0.00093	0.00094
	Perfluorotridecanoic acid (PFTrDA)	~	0.00093	0.00093	0.00094
	Perfluoroundecanoic acid (PFUnA)	~	0.00093	0.00093	0.00094
MW-14	Volatile Organics, 8260 List - Low Level				
	Dilution Factor	ug/L	1	1	1
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,1-Trichloroethane	5	0.200	0.200	0.200
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200
	1,1,2-Trichloroethane	1	0.200	0.200	0.200
	1,1-Dichloroethane	5	0.200	0.200	0.200
	1,1-Dichloroethylene	5	0.200	0.200	0.200
	1,1-Dichloropropylene	5	0.200	0.200	0.200
	1,2,3-Trichlorobenzene	5	0.200	0.200	0.200
	1,2,3-Trichloropropane	0.04	0.200	0.200	0.200
	1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200
	1,2,4-Trichlorobenzene	5	0.200	0.200	0.200
	1,2,4-Trimethylbenzene	5	0.200	0.200	0.200
	1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200
	1,2-Dibromoethane	0.0006	0.200	0.200	0.200
	1,2-Dichlorobenzene	3	0.200	0.200	0.200
	1,2-Dichloroethane	0.6	0.200	0.200	0.200
	1,2-Dichloropropane	1	0.200	0.200	0.200
	1,3,5-Trimethylbenzene	5	0.200	0.200	0.200
	1,3-Dichlorobenzene	3	0.200	0.200	0.200
	1,3-Dichloropropane	5	0.200	0.200	0.200
	1,4-Dichlorobenzene	3	0.200	0.200	0.200
	2,2-Dichloropropane	5	0.200	0.200	0.200
	2-Butanone	50	0.200	0.200	0.200

2-Chlorotoluene	5	0.200	0.200	0.200
2-Hexanone	50	0.200	0.200	0.200
4-Chlorotoluene	5	0.200	0.200	0.200
4-Methyl-2-pentanone	~	0.200	0.200	0.200
Acetone	50	1.300	1	1.800
Benzene	1	0.200	0.200	0.200
Bromobenzene	5	0.200	0.200	0.200
Bromochloromethane	5	0.200	0.200	0.200
Bromodichloromethane	50	0.200	0.200	0.200
Bromoform	50	0.200	0.200	0.200
Bromomethane	5	0.200	0.200	0.200
Carbon disulfide	~	0.810	0.200	0.200
Carbon tetrachloride	5	0.200	0.200	0.200
Chlorobenzene	5	0.200	0.200	0.200
Chloroethane	5	0.200	0.200	0.200
Chloroform	7	0.200	0.200	2.800
Chloromethane	5	0.200	0.200	0.200
cis-1,2-Dichloroethylene	5	0.200	0.200	0.200
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Dibromochloromethane	50	0.200	0.200	0.200
Dibromomethane	~	0.200	0.200	0.200
Dichlorodifluoromethane	5	0.200	0.200	0.200
Ethyl Benzene	5	0.200	0.200	0.200
Hexachlorobutadiene	0.5	0.200	0.200	0.200
Isopropylbenzene	5	0.200	0.200	0.200
Methyl tert-butyl ether (MTBE)	10	0.200	0.200	0.200
Methylene chloride	5	1	1	1
Naphthalene	10	1	1	1
n-Butylbenzene	5	0.200	0.200	0.200
n-Propylbenzene	5	0.200	0.200	0.200
o-Xylene	5	0.200	0.200	0.200
p- & m- Xylenes	~	0.500	0.500	0.500
p-Diethylbenzene	~	0.200	0.200	0.200
p-Ethyltoluene	~	0.200	0.200	0.200

p-Isopropyltoluene	5	0.200	0.200	0.200
sec-Butylbenzene	5	0.200	0.200	0.200
Styrene	5	0.200	0.200	0.200
tert-Butylbenzene	5	0.200	0.200	0.200
Tetrachloroethylene	5	0.200	0.200	0.200
Toluene	5	0.200	0.200	0.200
trans-1,2-Dichloroethylene	5	0.200	0.200	0.200
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Trichloroethylene	5	0.200	0.200	0.200
Trichlorofluoromethane	5	0.200	0.200	0.200
Vinyl Chloride	2	0.200	0.200	0.200
Xylenes, Total	5	0.600	0.600	0.600
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous				
Dilution Factor	ug/L	1	1	1
1,4-Dioxane	0.35	0.300	0.300	0.300
Semi-Volatiles, 8270 - Comprehensive - LL				
Dilution Factor	ug/L	1	1	20
1,1-Biphenyl	~	2.500	2.780	2.700
1,2,4,5-Tetrachlorobenzene	~	2.500	2.780	2.700
1,2,4-Trichlorobenzene	5	2.500	2.780	2.700
1,2-Dichlorobenzene	3	2.500	2.780	2.700
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	2.780	2.700
1,3-Dichlorobenzene	3	2.500	2.780	2.700
1,4-Dichlorobenzene	3	2.500	2.780	2.700
2,3,4,6-Tetrachlorophenol	~	1.250	1.390	1.350
2,4,5-Trichlorophenol	1	1.250	1.390	1.350
2,4,6-Trichlorophenol	1	1.250	1.390	1.350
2,4-Dichlorophenol	5	1.250	1.390	1.350
2,4-Dimethylphenol	50	1.250	1.390	1.350
2,4-Dinitrophenol	10	1.250	1.390	1.350
2,4-Dinitrotoluene	5	2.500	2.780	2.700
2,6-Dinitrotoluene	5	2.500	2.780	2.700
2-Chloronaphthalene	10	2.500	2.780	2.700
2-Chlorophenol	1	1.250	1.390	1.350

2-Methylnaphthalene	~	2.500	2.780	2.700
2-Methylphenol	1	1.250	1.390	1.350
2-Nitroaniline	5	2.500	2.780	2.700
2-Nitrophenol	1	1.250	1.390	1.350
3- & 4-Methylphenols	1	1.250	1.390	1.350
3,3-Dichlorobenzidine	5	2.500	2.780	2.700
3-Nitroaniline	5	2.500	2.780	2.700
4,6-Dinitro-2-methylphenol	~	1.250	1.390	1.350
4-Bromophenyl phenyl ether	~	2.500	2.780	2.700
4-Chloro-3-methylphenol	1	1.250	1.390	1.350
4-Chloroaniline	5	2.500	2.780	2.700
4-Chlorophenyl phenyl ether	~	2.500	2.780	2.700
4-Nitroaniline	5	2.500	2.780	2.700
4-Nitrophenol	1	1.250	1.390	1.350
Acenaphthene	20	0.0500	0.0556	0.0541
Acenaphthylene	~	0.0500	0.0556	0.0541
Acetophenone	~	2.500	2.780	2.700
Aniline	5	2.500	2.780	2.700
Anthracene	50	0.0500	0.0556	0.0541
Atrazine	~	0.500	0.556	0.541
Benzaldehyde	~	2.500	2.780	2.700
Benzidine	~	10	11.100	10.800
Benzo(a)anthracene	0.002	0.0500	0.0556	0.0541
Benzo(a)pyrene	0.002	0.0500	0.0556	0.0541
Benzo(b)fluoranthene	0.002	0.0500	0.0556	0.0541
Benzo(g,h,i)perylene	~	0.0500	0.0556	0.0541
Benzo(k)fluoranthene	0.002	0.0500	0.0556	0.0541
Benzoic acid	~	25	27.800	27
Benzyl alcohol	~	2.500	2.780	2.700
Benzyl butyl phthalate	50	2.500	2.780	2.700
Bis(2-chloroethoxy)methane	5	2.500	2.780	2.700
Bis(2-chloroethyl)ether	1	1.250	1.390	1.350
Bis(2-chloroisopropyl)ether	5	2.500	2.780	2.700
Bis(2-ethylhexyl)phthalate	5	0.620	13.500	217

Caprolactam	~	2.500	2.780	2.700
Carbazole	~	2.500	2.780	2.700
Chrysene	0.002	0.0500	0.0556	0.0541
Dibenzo(a,h)anthracene	~	0.0500	0.0556	0.0541
Dibenzofuran	~	2.500	2.780	2.700
Diethyl phthalate	50	2.500	2.780	2.700
Dimethyl phthalate	50	2.500	2.780	2.700
Di-n-butyl phthalate	50	2.500	2.780	2.700
Di-n-octyl phthalate	50	2.500	2.780	5.220
Fluoranthene	50	0.0500	0.0556	0.0541
Fluorene	50	0.0500	0.0556	0.0541
Hexachlorobenzene	0.04	0.0200	0.0222	0.0216
Hexachlorobutadiene	0.5	0.500	0.556	0.541
Hexachlorocyclopentadiene	5	2.500	2.780	2.700
Hexachloroethane	5	0.500	0.556	0.541
Indeno(1,2,3-cd)pyrene	0.002	0.0500	0.0556	0.0541
Isophorone	50	2.500	2.780	2.700
Naphthalene	10	0.0500	0.0556	0.0541
Nitrobenzene	0.4	0.250	0.278	0.270
N-Nitrosodimethylamine	~	0.500	0.556	0.541
N-nitroso-di-n-propylamine	~	2.500	2.780	2.700
N-Nitrosodiphenylamine	50	2.500	2.780	2.700
Pentachlorophenol	1	0.250	0.278	0.270
Phenanthrene	50	0.0500	0.0556	0.0541
Phenol	1	1.250	1.390	1.350
Pyrene	50	0.0500	0.0556	0.0541
Pyridine	50	2.500	2.780	2.700
Metals, Target Analyte, ICP				
Dilution Factor	ug/L	1	1	1
Aluminum	~	2,500	2,200	5,240
Barium	1000	231	69.200	351
Calcium	~	52,500	19,300	87,900
Chromium	50	8.630	25.500	183
Cobalt	~	9.870	4.440	21.500

Copper	200	36.900	22.200	56.200
Iron	~	8,540	5,730	83,200
Lead	25	28.400	8.330	42.500
Magnesium	35000	7,340	3,300	29,700
Manganese	300	1,060	254	3,120
Nickel	100	11.100	11.500	71.300
Potassium	~	2,740	1,640	19,100
Silver	50	5.560	5.560	5.560
Sodium	20000	225,000	51,200	40,400
Vanadium	~	16.300	11.100	17.700
Zinc	2000	192	61.400	441

Metals, Target Analyte, ICPMS

Dilution Factor	ug/L	1	1	1
Antimony	3	1.110	1.110	1.110
Arsenic	25	1.570	1.110	1.110
Beryllium	3	0.361	0.333	0.716
Cadmium	5	0.578	0.556	0.556
Selenium	10	1.230	1.110	3.030
Thallium	~	1.110	1.110	1.110

Mercury by 7470/7471

Dilution Factor	ug/L	1	1	1
Mercury	0.7	0.200	0.200	0.200

PFAS, NYSDEC Target List

Dilution Factor	ug/L	5	1	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00455	0.00093	0.00094
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.0114	0.00231	0.00236
N-EtFOSAA	~	0.00091	0.00093	0.00094
N-MeFOSAA	~	0.00091	0.00093	0.00094
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00091	0.00093	0.00094
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00091	0.00463	0.00094
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00091	0.00093	0.00094
Perfluorobutanesulfonic acid (PFBS)	~	0.00490	0.00209	0.00257
Perfluorodecanoic acid (PFDA)	~	0.00103	0.00302	0.00094
Perfluorododecanoic acid (PFDoA)	~	0.00091	0.00093	0.00094

	Perfluoroheptanoic acid (PFHpA)	~	0.00471	0.00298	0.00346
	Perfluorohexanesulfonic acid (PFHxS)	~	0.00091	0.00093	0.00099
	Perfluorohexanoic acid (PFHxA)	~	0.0112	0.00457	0.00523
	Perfluoro-n-butanoic acid (PFBA)	~	0.00784	0.00265	0.0146
	Perfluorononanoic acid (PFNA)	~	0.00117	0.00314	0.00094
	Perfluorooctanesulfonic acid (PFOS)	~	0.00346	0.0107	0.0113
	Perfluorooctanoic acid (PFOA)	~	0.00629	0.00780	0.0281
	Perfluoropentanoic acid (PFPeA)	~	0.0123	0.00600	0.0102
	Perfluorotetradecanoic acid (PFTA)	~	0.00091	0.00093	0.00094
	Perfluorotridecanoic acid (PFTrDA)	~	0.00091	0.00179	0.00097
	Perfluoroundecanoic acid (PFUnA)	~	0.00091	0.00093	0.00094



MW-29	Volatile Organics, 8260 List - Low Level				
	Dilution Factor	ug/L	1	1	1
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,1-Trichloroethane	5	0.200	0.200	0.200
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200
	1,1,2-Trichloroethane	1	0.200	0.200	0.200
	1,1-Dichloroethane	5	0.200	0.200	0.200
	1,1-Dichloroethylene	5	0.200	0.200	0.200
	1,1-Dichloropropylene	5	0.200	0.200	0.200
	1,2,3-Trichlorobenzene	5	0.200	0.200	0.200
	1,2,3-Trichloropropane	0.04	0.200	0.200	0.200
	1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200
	1,2,4-Trichlorobenzene	5	0.200	0.200	0.200
	1,2,4-Trimethylbenzene	5	0.200	0.200	0.200
	1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200
	1,2-Dibromoethane	0.0006	0.200	0.200	0.200
	1,2-Dichlorobenzene	3	0.200	0.200	0.200
	1,2-Dichloroethane	0.6	0.200	0.200	0.200
	1,2-Dichloropropane	1	0.200	0.200	0.200
	1,3,5-Trimethylbenzene	5	0.200	0.200	0.200
	1,3-Dichlorobenzene	3	0.200	0.200	0.200

1,3-Dichloropropane	5	0.200	0.200	0.200
1,4-Dichlorobenzene	3	0.200	0.200	0.200
2,2-Dichloropropane	5	0.200	0.200	0.200
2-Butanone	50	0.200	0.200	0.200
2-Chlorotoluene	5	0.200	0.200	0.200
2-Hexanone	50	0.200	0.200	0.200
4-Chlorotoluene	5	0.200	0.200	0.200
4-Methyl-2-pentanone	~	0.200	0.200	0.200
Acetone	50	1	2.700	1
Benzene	1	0.200	0.200	0.200
Bromobenzene	5	0.200	0.200	0.200
Bromochloromethane	5	0.200	0.200	0.200
Bromodichloromethane	50	0.200	0.200	0.200
Bromoform	50	0.200	0.200	0.200
Bromomethane	5	0.200	0.200	0.200
Carbon disulfide	~	0.200	20	0.200
Carbon tetrachloride	5	0.200	0.200	0.200
Chlorobenzene	5	0.200	0.200	0.200
Chloroethane	5	0.200	0.200	0.200
Chloroform	7	0.200	0.200	0.200
Chloromethane	5	0.200	0.200	0.200
cis-1,2-Dichloroethylene	5	0.200	0.200	0.200
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Dibromochloromethane	50	0.200	0.200	0.200
Dibromomethane	~	0.200	0.200	0.200
Dichlorodifluoromethane	5	0.200	0.200	0.200
Ethyl Benzene	5	0.200	0.200	0.200
Hexachlorobutadiene	0.5	0.200	0.200	0.200
Isopropylbenzene	5	0.200	0.200	0.200
Methyl tert-butyl ether (MTBE)	10	0.380	0.220	0.200
Methylene chloride	5	1	1	1
Naphthalene	10	1	1	1
n-Butylbenzene	5	0.200	0.200	0.200
n-Propylbenzene	5	0.200	0.200	0.200

o-Xylene	5	0.200	0.200	0.200
p- & m- Xylenes	~	0.500	0.500	0.500
p-Diethylbenzene	~	0.200	0.200	0.200
p-Ethyltoluene	~	0.200	0.200	0.200
p-Isopropyltoluene	5	0.200	0.200	0.200
sec-Butylbenzene	5	0.200	0.200	0.200
Styrene	5	0.200	0.200	0.200
tert-Butylbenzene	5	0.200	0.200	0.200
Tetrachloroethylene	5	0.200	0.200	0.200
Toluene	5	0.200	0.200	0.200
trans-1,2-Dichloroethylene	5	0.200	0.200	0.200
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Trichloroethylene	5	0.200	0.200	0.200
Trichlorofluoromethane	5	0.200	0.200	0.200
Vinyl Chloride	2	0.200	0.200	0.200
Xylenes, Total	5	0.600	0.600	0.600

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Dilution Factor	ug/L	1	1	
1,4-Dioxane	0.35	0.300	0.300	NT

Semi-Volatiles, 8270 - Comprehensive - LL

Dilution Factor	ug/L	1	1	
1,1-Biphenyl	~	2.500	2.940	NT
1,2,4,5-Tetrachlorobenzene	~	2.500	2.940	NT
1,2,4-Trichlorobenzene	5	2.500	2.940	NT
1,2-Dichlorobenzene	3	2.500	2.940	NT
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	2.940	NT
1,3-Dichlorobenzene	3	2.500	2.940	NT
1,4-Dichlorobenzene	3	2.500	2.940	NT
2,3,4,6-Tetrachlorophenol	~	1.250	1.470	NT
2,4,5-Trichlorophenol	1	1.250	1.470	NT
2,4,6-Trichlorophenol	1	1.250	1.470	NT
2,4-Dichlorophenol	5	1.250	1.470	NT
2,4-Dimethylphenol	50	1.250	1.470	NT
2,4-Dinitrophenol	10	1.250	1.470	NT

2,4-Dinitrotoluene	5	2.500	2.940	NT
2,6-Dinitrotoluene	5	2.500	2.940	NT
2-Chloronaphthalene	10	2.500	2.940	NT
2-Chlorophenol	1	1.250	1.470	NT
2-Methylnaphthalene	~	2.500	2.940	NT
2-Methylphenol	1	1.250	1.470	NT
2-Nitroaniline	5	2.500	2.940	NT
2-Nitrophenol	1	1.250	1.470	NT
3- & 4-Methylphenols	1	1.250	1.470	NT
3,3-Dichlorobenzidine	5	2.500	2.940	NT
3-Nitroaniline	5	2.500	2.940	NT
4,6-Dinitro-2-methylphenol	~	1.250	1.470	NT
4-Bromophenyl phenyl ether	~	2.500	2.940	NT
4-Chloro-3-methylphenol	1	1.250	1.470	NT
4-Chloroaniline	5	2.500	2.940	NT
4-Chlorophenyl phenyl ether	~	2.500	2.940	NT
4-Nitroaniline	5	2.500	2.940	NT
4-Nitrophenol	1	1.250	1.470	NT
Acenaphthene	20	0.0500	0.0588	NT
Acenaphthylene	~	0.0500	0.0588	NT
Acetophenone	~	2.500	2.940	NT
Aniline	5	2.500	2.940	NT
Anthracene	50	0.0500	0.0588	NT
Atrazine	~	0.500	0.588	NT
Benzaldehyde	~	2.500	2.940	NT
Benzidine	~	10	11.800	NT
Benzo(a)anthracene	0.002	0.0500	0.0588	NT
Benzo(a)pyrene	0.002	0.0500	0.0588	NT
Benzo(b)fluoranthene	0.002	0.0500	0.0588	NT
Benzo(g,h,i)perylene	~	0.0500	0.0588	NT
Benzo(k)fluoranthene	0.002	0.0500	0.0588	NT
Benzoic acid	~	25	29.400	NT
Benzyl alcohol	~	2.500	2.940	NT
Benzyl butyl phthalate	50	2.500	2.940	NT



Bis(2-chloroethoxy)methane	5	2.500	2.940	NT
Bis(2-chloroethyl)ether	1	1.250	1.470	NT
Bis(2-chloroisopropyl)ether	5	2.500	2.940	NT
Bis(2-ethylhexyl)phthalate	5	5.200	6.240	NT
Caprolactam	~	2.500	2.940	NT
Carbazole	~	2.500	2.940	NT
Chrysene	0.002	0.0500	0.0588	NT
Dibenzo(a,h)anthracene	~	0.0500	0.0588	NT
Dibenzofuran	~	2.500	2.940	NT
Diethyl phthalate	50	2.500	2.940	NT
Dimethyl phthalate	50	2.500	2.940	NT
Di-n-butyl phthalate	50	2.500	2.940	NT
Di-n-octyl phthalate	50	2.500	2.940	NT
Fluoranthene	50	0.0500	0.0588	NT
Fluorene	50	0.0500	0.0588	NT
Hexachlorobenzene	0.04	0.0200	0.0235	NT
Hexachlorobutadiene	0.5	0.500	0.588	NT
Hexachlorocyclopentadiene	5	2.500	2.940	NT
Hexachloroethane	5	0.500	0.588	NT
Indeno(1,2,3-cd)pyrene	0.002	0.0500	0.0588	NT
Isophorone	50	2.500	2.940	NT
Naphthalene	10	0.0500	0.0588	NT
Nitrobenzene	0.4	0.250	0.400	NT
N-Nitrosodimethylamine	~	0.500	0.600	NT
N-nitroso-di-n-propylamine	~	2.500	2.940	NT
N-Nitrosodiphenylamine	50	2.500	2.940	NT
Pentachlorophenol	1	0.250	0.294	NT
Phenanthrene	50	0.0500	0.0588	NT
Phenol	1	1.250	1.470	NT
Pyrene	50	0.0500	0.0588	NT
Pyridine	50	2.500	2.940	NT
Metals, Target Analyte, ICP				
Dilution Factor	ug/L	10	10	
Aluminum	~	1,340	2,350	NT

Barium	1000	434	1,570	NT
Calcium	~	145,000	156,000	NT
Chromium	50	5.560	8.570	NT
Cobalt	~	7.950	4.440	NT
Copper	200	32.700	53.500	NT
Iron	~	136,000	519,000	NT
Lead	25	94	104	NT
Magnesium	35000	53,900	50,100	NT
Manganese	300	1,320	2,000	NT
Nickel	100	11.100	17.500	NT
Potassium	~	6,870	6,650	NT
Silver	50	5.560	5.560	NT
Sodium	20000	205,000	125,000	NT
Vanadium	~	11.100	11.100	NT
Zinc	2000	71.100	27.800	NT

Metals, Target Analyte, ICPMS

Dilution Factor	ug/L	1	1	
Antimony	3	1.110	1.110	NT
Arsenic	25	5.270	14.500	NT
Beryllium	3	1.300	3.260	NT
Cadmium	5	0.556	0.556	NT
Selenium	10	1.110	1.110	NT
Thallium	~	1.110	1.110	NT

Mercury by 7470/7471

Dilution Factor	ug/L	1	1	
Mercury	0.7	0.200	0.200	NT

PFAS, NYSDEC Target List

Dilution Factor	ug/L	1	1	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00094	0.00089	0.00094
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.00236	0.00223	0.00236
N-EtFOSAA	~	0.00094	0.00089	0.00094
N-MeFOSAA	~	0.00094	0.00089	0.00094
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00094	0.00089	0.00094

	Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00094	0.00446	0.00094
	Perfluoro-1-octanesulfonamide (FOSA)	~	0.00094	0.00089	0.00094
	Perfluorobutanesulfonic acid (PFBS)	~	0.00294	0.00089	0.00324
	Perfluorodecanoic acid (PFDA)	~	0.00094	0.00089	0.00094
	Perfluorododecanoic acid (PFDoA)	~	0.00094	0.00089	0.00094
	Perfluoroheptanoic acid (PFHpA)	~	0.00307	0.00620	0.00667
	Perfluorohexanesulfonic acid (PFHxS)	~	0.00246	0.00306	0.00425
	Perfluorohexanoic acid (PFHxA)	~	0.00721	0.0103	0.0122
	Perfluoro-n-butanoic acid (PFBA)	~	0.0101	0.0137	0.0140
	Perfluorononanoic acid (PFNA)	~	0.00094	0.00100	0.00133
	Perfluorooctanesulfonic acid (PFOS)	~	0.0145	0.0325	0.0272
	Perfluorooctanoic acid (PFOA)	~	0.0380	0.0613	0.0641
	Perfluoropentanoic acid (PFPeA)	~	0.00707	0.0104	0.0138
	Perfluorotetradecanoic acid (PFTA)	~	0.00094	0.00089	0.00094
	Perfluorotridecanoic acid (PFTrDA)	~	0.00094	0.00089	0.00094
	Perfluoroundecanoic acid (PFUnA)	~	0.00094	0.00089	0.00094

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MW-30	Volatile Organics, 8260 List - Low Level				
	Dilution Factor	ug/L	1	1	1
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,1-Trichloroethane	5	0.200	0.200	0.200
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200
	1,1,2-Trichloroethane	1	0.200	0.200	0.200
	1,1-Dichloroethane	5	0.200	0.200	0.200
	1,1-Dichloroethylene	5	0.200	0.200	0.200
	1,1-Dichloropropylene	5	0.200	0.200	0.200
	1,2,3-Trichlorobenzene	5	0.200	0.200	0.200
	1,2,3-Trichloropropane	0.04	0.200	0.200	0.200
	1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200
	1,2,4-Trichlorobenzene	5	0.200	0.200	0.200
	1,2,4-Trimethylbenzene	5	0.200	0.200	0.200
	1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200
	1,2-Dibromoethane	0.0006	0.200	0.200	0.200

1,2-Dichlorobenzene	3	0.200	0.200	0.200	
1,2-Dichloroethane	0.6	0.200	0.200	0.200	
1,2-Dichloropropane	1	0.200	0.200	0.200	
1,3,5-Trimethylbenzene	5	0.200	0.200	0.200	
1,3-Dichlorobenzene	3	0.200	0.200	0.200	
1,3-Dichloropropane	5	0.200	0.200	0.200	
1,4-Dichlorobenzene	3	0.200	0.200	0.200	
2,2-Dichloropropane	5	0.200	0.200	0.200	
2-Butanone	50	0.200	0.200	0.200	
2-Chlorotoluene	5	0.200	0.200	0.200	
2-Hexanone	50	0.200	0.200	0.200	
4-Chlorotoluene	5	0.200	0.200	0.200	
4-Methyl-2-pentanone	~	0.200	0.200	0.200	
Acetone	50	1	1	1	
Benzene	1	0.200	0.200	0.200	
Bromobenzene	5	0.200	0.200	0.200	
Bromochloromethane	5	0.200	0.200	0.200	
Bromodichloromethane	50	2.400	1.600	0.730	
Bromoform	50	0.200	0.200	0.200	
Bromomethane	5	0.200	0.200	0.200	
Carbon disulfide	~	0.200	1.200	0.200	
Carbon tetrachloride	5	0.200	0.200	0.200	
Chlorobenzene	5	0.200	0.200	0.200	
Chloroethane	5	0.200	0.200	0.200	
Chloroform	7	36	36	13	
Chloromethane	5	0.200	0.200	0.200	
cis-1,2-Dichloroethylene	5	0.200	0.460	0.200	
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200	
Dibromochloromethane	50	0.200	0.200	0.200	
Dibromomethane	~	0.200	0.200	0.200	
Dichlorodifluoromethane	5	0.200	0.200	0.200	
Ethyl Benzene	5	0.200	0.200	0.200	
Hexachlorobutadiene	0.5	0.200	0.200	0.200	
Isopropylbenzene	5	0.200	0.200	0.200	

Methyl tert-butyl ether (MTBE)	10	0.200	0.200	0.200
Methylene chloride	5	1	1	1
Naphthalene	10	1	1	1
n-Butylbenzene	5	0.200	0.200	0.200
n-Propylbenzene	5	0.200	0.200	0.200
o-Xylene	5	0.200	0.200	0.200
p- & m- Xylenes	~	0.500	0.500	0.500
p-Diethylbenzene	~	0.200	0.200	0.200
p-Ethyltoluene	~	0.200	0.200	0.200
p-Isopropyltoluene	5	0.200	0.200	0.200
sec-Butylbenzene	5	0.200	0.200	0.200
Styrene	5	0.200	0.200	0.200
tert-Butylbenzene	5	0.200	0.200	0.200
Tetrachloroethylene	5	0.200	0.200	0.200
Toluene	5	0.200	0.200	0.200
trans-1,2-Dichloroethylene	5	0.200	0.200	0.200
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Trichloroethylene	5	0.200	0.200	0.200
Trichlorofluoromethane	5	0.200	0.200	0.200
Vinyl Chloride	2	0.200	0.200	0.200
Xylenes, Total	5	0.600	0.600	0.600
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous				
Dilution Factor	ug/L	1	1	1
1,4-Dioxane	0.35	0.300	0.300	0.300
Semi-Volatiles, 8270 - Comprehensive - LL				
Dilution Factor	ug/L	1	1	1
1,1-Biphenyl	~	2.500	2.500	2.560
1,2,4,5-Tetrachlorobenzene	~	2.500	2.500	2.560
1,2,4-Trichlorobenzene	5	2.500	2.500	2.560
1,2-Dichlorobenzene	3	2.500	2.500	2.560
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	2.500	2.560
1,3-Dichlorobenzene	3	2.500	2.500	2.560
1,4-Dichlorobenzene	3	2.500	2.500	2.560
2,3,4,6-Tetrachlorophenol	~	1.250	1.250	1.280

2,4,5-Trichlorophenol	1	1.250	1.250	1.280
2,4,6-Trichlorophenol	1	1.250	1.250	1.280
2,4-Dichlorophenol	5	1.250	1.250	1.280
2,4-Dimethylphenol	50	1.250	1.250	1.280
2,4-Dinitrophenol	10	1.250	1.250	1.280
2,4-Dinitrotoluene	5	2.500	2.500	2.560
2,6-Dinitrotoluene	5	2.500	2.500	2.560
2-Chloronaphthalene	10	2.500	2.500	2.560
2-Chlorophenol	1	1.250	1.250	1.280
2-Methylnaphthalene	~	2.500	2.500	2.560
2-Methylphenol	1	1.250	1.250	1.280
2-Nitroaniline	5	2.500	2.500	2.560
2-Nitrophenol	1	1.250	1.250	1.280
3- & 4-Methylphenols	1	1.250	1.250	1.280
3,3-Dichlorobenzidine	5	2.500	2.500	2.560
3-Nitroaniline	5	2.500	2.500	2.560
4,6-Dinitro-2-methylphenol	~	1.250	1.250	1.280
4-Bromophenyl phenyl ether	~	2.500	2.500	2.560
4-Chloro-3-methylphenol	1	1.250	1.250	1.280
4-Chloroaniline	5	2.500	2.500	2.560
4-Chlorophenyl phenyl ether	~	2.500	2.500	2.560
4-Nitroaniline	5	2.500	2.500	2.560
4-Nitrophenol	1	1.250	1.250	1.280
Acenaphthene	20	0.0500	0.0500	0.0513
Acenaphthylene	~	0.0500	0.0500	0.0513
Acetophenone	~	2.500	2.500	2.560
Aniline	5	2.500	2.500	2.560
Anthracene	50	0.0500	0.0500	0.0513
Atrazine	~	0.500	0.500	0.513
Benzaldehyde	~	2.500	2.500	2.560
Benzidine	~	10	10	10.300
Benzo(a)anthracene	0.002	0.0500	0.0500	0.226
Benzo(a)pyrene	0.002	0.0500	0.0500	0.215
Benzo(b)fluoranthene	0.002	0.0500	0.0500	0.246

Benzo(g,h,i)perylene	~	0.0500	0.0500	0.0513
Benzo(k)fluoranthene	0.002	0.0500	0.0500	0.0513
Benzoic acid	~	25	25	25.600
Benzyl alcohol	~	2.500	2.500	2.560
Benzyl butyl phthalate	50	2.500	2.500	2.560
Bis(2-chloroethoxy)methane	5	2.500	2.500	2.560
Bis(2-chloroethyl)ether	1	1.250	1.250	1.280
Bis(2-chloroisopropyl)ether	5	2.500	2.500	2.560
Bis(2-ethylhexyl)phthalate	5	0.500	1.410	0.513
Caprolactam	~	2.500	2.500	2.560
Carbazole	~	2.500	2.500	2.560
Chrysene	0.002	0.0500	0.0500	0.0513
Dibenzo(a,h)anthracene	~	0.0500	0.0500	0.0513
Dibenzofuran	~	2.500	2.500	2.560
Diethyl phthalate	50	2.500	2.500	2.560
Dimethyl phthalate	50	2.500	2.500	2.560
Di-n-butyl phthalate	50	2.500	2.500	2.560
Di-n-octyl phthalate	50	2.500	2.500	2.560
Fluoranthene	50	0.0500	0.0500	0.297
Fluorene	50	0.0500	0.0500	0.0513
Hexachlorobenzene	0.04	0.0200	0.0200	0.0205
Hexachlorobutadiene	0.5	0.500	0.500	0.513
Hexachlorocyclopentadiene	5	2.500	2.500	2.560
Hexachloroethane	5	0.500	0.500	0.513
Indeno(1,2,3-cd)pyrene	0.002	0.0500	0.0500	0.0513
Isophorone	50	2.500	2.500	2.560
Naphthalene	10	0.0500	0.0500	0.0513
Nitrobenzene	0.4	0.250	0.250	0.256
N-Nitrosodimethylamine	~	0.500	0.500	0.513
N-nitroso-di-n-propylamine	~	2.500	2.500	2.560
N-Nitrosodiphenylamine	50	2.500	2.500	2.560
Pentachlorophenol	1	0.250	0.250	0.256
Phenanthrene	50	0.0500	0.0500	0.0513
Phenol	1	1.250	1.250	1.280

Pyrene	50	0.0500	0.0500	0.256
Pyridine	50	2.500	2.500	2.560
Metals, Target Analyte, ICP				
Dilution Factor	ug/L	1	1	1
Aluminum	~	2,830	15,700	6,430
Barium	1000	101	565	273
Calcium	~	17,800	42,600	59,000
Chromium	50	67.900	516	187
Cobalt	~	12.300	79	19
Copper	200	22.200	124	46.600
Iron	~	7,050	35,600	12,700
Lead	25	18.500	95.300	34.500
Magnesium	35000	5,870	15,000	16,600
Manganese	300	1,020	7,740	1,880
Nickel	100	47.800	402	131
Potassium	~	1,430	3,040	2,280
Silver	50	5.560	5.560	5.560
Sodium	20000	15,100	15,400	10,100
Vanadium	~	11.100	24.300	12
Zinc	2000	62.100	1,260	454
Metals, Target Analyte, ICPMS				
Dilution Factor	ug/L	1	1	1
Antimony	3	1.110	1.110	1.110
Arsenic	25	1.110	2.450	1.110
Beryllium	3	0.373	1.580	0.551
Cadmium	5	0.556	1.500	0.556
Selenium	10	1.110	2.140	1.110
Thallium	~	1.110	1.110	1.110
Mercury by 7470/7471				
Dilution Factor	ug/L	1	1	1
Mercury	0.7	0.200	0.700	0.400
PFAS, NYSDEC Target List				
Dilution Factor	ug/L	1	10	1

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00093	0.00962	0.00094
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.00231	0.0240	0.00236
N-EtFOSAA	~	0.00093	0.00962	0.00094
N-MeFOSAA	~	0.00093	0.00962	0.00094
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00093	0.00962	0.00094
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00093	0.00962	0.00094
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00093	0.00962	0.00094
Perfluorobutanesulfonic acid (PFBS)	~	0.00093	0.00962	0.00094
Perfluorodecanoic acid (PFDA)	~	0.00093	0.00962	0.00094
Perfluorododecanoic acid (PFDoA)	~	0.00093	0.00962	0.00094
Perfluoroheptanoic acid (PFHpA)	~	0.00093	0.00962	0.00094
Perfluorohexanesulfonic acid (PFHxS)	~	0.00093	0.00962	0.00094
Perfluorohexanoic acid (PFHxA)	~	0.00093	0.00962	0.00094
Perfluoro-n-butanoic acid (PFBA)	~	0.00093	0.00962	0.00094
Perfluorononanoic acid (PFNA)	~	0.00093	0.00962	0.00094
Perfluorooctanesulfonic acid (PFOS)	~	0.00093	0.00962	0.00191
Perfluorooctanoic acid (PFOA)	~	0.00093	0.00962	0.00133
Perfluoropentanoic acid (PFPeA)	~	0.00093	0.00962	0.00094
Perfluorotetradecanoic acid (PFTA)	~	0.00093	0.00962	0.00094
Perfluorotridecanoic acid (PFTrDA)	~	0.00093	0.00962	0.00094
Perfluoroundecanoic acid (PFUnA)	~	0.00093	0.00962	0.00094



MW-38	Volatile Organics, 8260 List - Low Level				
	Dilution Factor	ug/L	25	1	5
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,1-Trichloroethane	5	0.570	0.200	35
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200
	1,1,2-Trichloroethane	1	0.200	0.200	0.200
	1,1-Dichloroethane	5	0.200	0.200	0.200
	1,1-Dichloroethylene	5	1.200	0.200	0.200
	1,1-Dichloropropylene	5	0.200	0.200	0.200
	1,2,3-Trichlorobenzene	5	0.200	0.200	0.200
	1,2,3-Trichloropropane	0.04	0.200	0.200	0.200

1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200
1,2,4-Trichlorobenzene	5	0.200	0.200	0.200
1,2,4-Trimethylbenzene	5	0.200	0.200	0.200
1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200
1,2-Dibromoethane	0.0006	0.200	0.200	0.200
1,2-Dichlorobenzene	3	0.200	0.200	0.200
1,2-Dichloroethane	0.6	0.200	0.200	0.200
1,2-Dichloropropane	1	0.200	0.200	0.200
1,3,5-Trimethylbenzene	5	0.200	0.200	0.200
1,3-Dichlorobenzene	3	0.200	0.200	0.200
1,3-Dichloropropane	5	0.200	0.200	0.200
1,4-Dichlorobenzene	3	0.200	0.200	0.200
2,2-Dichloropropane	5	0.200	0.200	0.200
2-Butanone	50	0.200	1.300	0.200
2-Chlorotoluene	5	0.200	0.200	0.200
2-Hexanone	50	0.200	0.200	0.200
4-Chlorotoluene	5	0.200	0.200	0.200
4-Methyl-2-pentanone	~	0.200	0.200	0.200
Acetone	50	1	2.200	1
Benzene	1	0.200	0.200	0.200
Bromobenzene	5	0.200	0.200	0.200
Bromochloromethane	5	0.200	0.200	0.200
Bromodichloromethane	50	0.200	0.200	0.200
Bromoform	50	0.200	0.200	0.200
Bromomethane	5	0.200	0.200	0.200
Carbon disulfide	~	0.200	0.200	0.200
Carbon tetrachloride	5	0.200	0.200	0.200
Chlorobenzene	5	0.200	0.200	0.200
Chloroethane	5	0.200	0.200	0.200
Chloroform	7	0.720	0.200	0.280
Chloromethane	5	0.200	0.200	0.200
cis-1,2-Dichloroethylene	5	280	0.200	52
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Dibromochloromethane	50	0.200	0.200	0.200

Dibromomethane	~	0.200	0.200	0.200
Dichlorodifluoromethane	5	0.200	0.200	0.200
Ethyl Benzene	5	0.200	0.200	0.200
Hexachlorobutadiene	0.5	0.200	0.200	0.200
Isopropylbenzene	5	0.200	0.200	0.200
Methyl tert-butyl ether (MTBE)	10	0.200	0.200	0.200
Methylene chloride	5	1	1	1
Naphthalene	10	1	1	1
n-Butylbenzene	5	0.200	0.200	0.200
n-Propylbenzene	5	0.200	0.200	0.200
o-Xylene	5	0.200	0.200	0.200
p- & m- Xylenes	~	0.500	0.500	0.500
p-Diethylbenzene	~	0.200	0.200	0.200
p-Ethyltoluene	~	0.200	0.200	0.200
p-Isopropyltoluene	5	0.200	0.200	0.200
sec-Butylbenzene	5	0.200	0.200	0.200
Styrene	5	0.200	0.200	0.200
tert-Butylbenzene	5	0.200	0.200	0.200
Tetrachloroethylene	5	1.800	0.200	0.590
Toluene	5	0.200	0.200	0.200
trans-1,2-Dichloroethylene	5	2.700	0.200	0.460
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Trichloroethylene	5	530	0.200	66
Trichlorofluoromethane	5	0.200	0.200	0.200
Vinyl Chloride	2	4.300	0.200	0.200
Xylenes, Total	5	0.600	0.600	0.600
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous				
Dilution Factor	ug/L	1	1	1
1,4-Dioxane	0.35	1.730	0.384	5.070
Semi-Volatiles, 8270 - Comprehensive - LL				
Dilution Factor	ug/L	1	25	1
1,1-Biphenyl	~	2.500	2.500	2.560
1,2,4,5-Tetrachlorobenzene	~	2.500	2.500	2.560
1,2,4-Trichlorobenzene	5	2.500	2.500	2.560

1,2-Dichlorobenzene	3	2.500	2.500	2.560
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	2.500	2.560
1,3-Dichlorobenzene	3	2.500	2.500	2.560
1,4-Dichlorobenzene	3	2.500	2.500	2.560
2,3,4,6-Tetrachlorophenol	~	1.250	1.250	1.280
2,4,5-Trichlorophenol	1	1.250	1.250	1.280
2,4,6-Trichlorophenol	1	1.250	1.250	1.280
2,4-Dichlorophenol	5	1.250	1.250	1.280
2,4-Dimethylphenol	50	1.250	1.250	1.280
2,4-Dinitrophenol	10	1.250	1.250	1.280
2,4-Dinitrotoluene	5	2.500	2.500	2.560
2,6-Dinitrotoluene	5	2.500	2.500	2.560
2-Chloronaphthalene	10	2.500	2.500	2.560
2-Chlorophenol	1	1.250	1.250	1.280
2-Methylnaphthalene	~	2.500	2.500	2.560
2-Methylphenol	1	1.250	1.250	1.280
2-Nitroaniline	5	2.500	2.500	2.560
2-Nitrophenol	1	1.250	1.250	1.280
3- & 4-Methylphenols	1	1.250	1.250	1.280
3,3-Dichlorobenzidine	5	2.500	2.500	2.560
3-Nitroaniline	5	2.500	2.500	2.560
4,6-Dinitro-2-methylphenol	~	1.250	1.250	1.280
4-Bromophenyl phenyl ether	~	2.500	2.500	2.560
4-Chloro-3-methylphenol	1	1.250	1.250	1.280
4-Chloroaniline	5	2.500	2.500	2.560
4-Chlorophenyl phenyl ether	~	2.500	2.500	2.560
4-Nitroaniline	5	2.500	2.500	2.560
4-Nitrophenol	1	1.250	1.250	1.280
Acenaphthene	20	0.0500	0.0500	0.0513
Acenaphthylene	~	0.0500	0.0500	0.0513
Acetophenone	~	2.500	2.500	2.560
Aniline	5	2.500	2.500	2.560
Anthracene	50	0.0500	0.0500	0.0513
Atrazine	~	0.500	0.500	0.513

Benzaldehyde	~	2.500	2.500	2.560
Benzidine	~	10	10	10.300
Benzo(a)anthracene	0.002	0.0500	0.0500	0.0513
Benzo(a)pyrene	0.002	0.0500	0.0500	0.0513
Benzo(b)fluoranthene	0.002	0.0500	0.0500	0.0513
Benzo(g,h,i)perylene	~	0.0500	0.0500	0.0513
Benzo(k)fluoranthene	0.002	0.0500	0.0500	0.0513
Benzoic acid	~	25	25	25.600
Benzyl alcohol	~	2.500	2.500	2.560
Benzyl butyl phthalate	50	2.500	2.500	2.560
Bis(2-chloroethoxy)methane	5	2.500	2.500	2.560
Bis(2-chloroethyl)ether	1	1.250	1.250	1.280
Bis(2-chloroisopropyl)ether	5	2.500	2.500	2.560
Bis(2-ethylhexyl)phthalate	5	32.100	690	10.500
Caprolactam	~	2.500	2.500	2.560
Carbazole	~	2.500	2.500	2.560
Chrysene	0.002	0.0500	0.0500	0.0513
Dibenzo(a,h)anthracene	~	0.0500	0.0500	0.0513
Dibenzofuran	~	2.500	2.500	2.560
Diethyl phthalate	50	2.500	2.500	2.560
Dimethyl phthalate	50	2.500	2.500	2.560
Di-n-butyl phthalate	50	2.500	2.500	2.560
Di-n-octyl phthalate	50	2.500	2.500	2.560
Fluoranthene	50	0.0500	0.0500	0.0513
Fluorene	50	0.0500	0.0500	0.0513
Hexachlorobenzene	0.04	0.0200	0.0200	0.0205
Hexachlorobutadiene	0.5	0.500	0.500	0.513
Hexachlorocyclopentadiene	5	2.500	2.500	2.560
Hexachloroethane	5	0.500	0.500	0.513
Indeno(1,2,3-cd)pyrene	0.002	0.0500	0.0500	0.0513
Isophorone	50	2.500	2.500	2.560
Naphthalene	10	0.0500	0.0500	0.0513
Nitrobenzene	0.4	0.250	0.250	0.256
N-Nitrosodimethylamine	~	0.500	0.500	0.513

N-nitroso-di-n-propylamine	~	2.500	2.500	2.560
N-Nitrosodiphenylamine	50	2.500	2.500	2.560
Pentachlorophenol	1	0.250	0.250	0.256
Phenanthrene	50	0.0500	0.0500	0.0513
Phenol	1	1.250	1.250	1.280
Pyrene	50	0.0500	0.0500	0.0513
Pyridine	50	2.500	2.500	2.560

Metals, Target Analyte, ICP

Dilution Factor	ug/L	1	1	1
Aluminum	~	838	225	717
Barium	1000	130	97.700	92.600
Calcium	~	112,000	124,000	104,000
Chromium	50	7.440	5.560	10.600
Cobalt	~	4.440	4.440	4.440
Copper	200	22.200	22.200	22.200
Iron	~	1,630	461	1,710
Lead	25	5.560	5.560	5.560
Magnesium	35000	22,700	33,300	15,100
Manganese	300	374	5,480	322
Nickel	100	11.100	11.100	11.100
Potassium	~	3,710	14,400	3,030
Silver	50	5.560	5.560	5.560
Sodium	20000	166,000	66,400	64,900
Vanadium	~	11.100	11.100	11.100
Zinc	2000	39.200	27.800	27.800

Metals, Target Analyte, ICPMS

Dilution Factor	ug/L	1	1	1
Antimony	3	1.110	1.110	1.110
Arsenic	25	1.110	2.600	1.110
Beryllium	3	0.333	0.333	0.333
Cadmium	5	0.556	0.556	0.556
Selenium	10	7.170	1.110	7.900
Thallium	~	1.110	1.110	1.110

Mercury by 7470/7471

	Dilution Factor	ug/L	1	1	1
	Mercury	0.7	0.200	0.200	0.200
PFAS, NYSDEC Target List					
	Dilution Factor	ug/L	5	1	5
	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00463	0.00093	0.00463
	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.0116	0.00231	0.00231
	N-EtFOSAA	~	0.00093	0.00093	0.00093
	N-MeFOSAA	~	0.00093	0.00093	0.00093
	Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00093	0.00093	0.00093
	Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00232	0.00463	0.00379
	Perfluoro-1-octanesulfonamide (FOSA)	~	0.00093	0.00093	0.00100
	Perfluorobutanesulfonic acid (PFBS)	~	0.0127	0.00231	0.00829
	Perfluorodecanoic acid (PFDA)	~	0.00093	0.00093	0.00093
	Perfluorododecanoic acid (PFDoA)	~	0.00093	0.00093	0.00093
	Perfluoroheptanoic acid (PFHpA)	~	0.0129	0.00093	0.0284
	Perfluorohexanesulfonic acid (PFHxS)	~	0.00548	0.00093	0.00876
	Perfluorohexanoic acid (PFHxA)	~	0.0131	0.00139	0.0263
	Perfluoro-n-butanoic acid (PFBA)	~	0.00993	0.0164	0.0249
	Perfluorononanoic acid (PFNA)	~	0.00093	0.00093	0.00310
	Perfluorooctanesulfonic acid (PFOS)	~	0.0136	0.00093	0.116
	Perfluorooctanoic acid (PFOA)	~	0.118	0.00148	0.197
	Perfluoropentanoic acid (PFPeA)	~	0.0114	0.00649	0.0279
	Perfluorotetradecanoic acid (PFTA)	~	0.00093	0.00093	0.00093
Perfluorotridecanoic acid (PFTrDA)	~	0.00093	0.00093	0.00093	
Perfluoroundecanoic acid (PFUnA)	~	0.00093	0.00093	0.00093	
MW-43	Volatile Organics, 8260 List - Low Level				
	Dilution Factor	ug/L	1	1	1
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,1-Trichloroethane	5	0.200	0.200	0.200
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	0.200
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200
	1,1,2-Trichloroethane	1	0.200	0.200	0.200
	1,1-Dichloroethane	5	0.200	0.200	0.200

1,1-Dichloroethylene	5	0.200	0.200	0.200
1,1-Dichloropropylene	5	0.200	0.200	0.200
1,2,3-Trichlorobenzene	5	0.200	0.200	0.200
1,2,3-Trichloropropane	0.04	0.200	0.200	0.200
1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200
1,2,4-Trichlorobenzene	5	0.200	0.200	0.200
1,2,4-Trimethylbenzene	5	0.200	0.200	0.200
1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200
1,2-Dibromoethane	0.0006	0.200	0.200	0.200
1,2-Dichlorobenzene	3	0.200	0.200	0.200
1,2-Dichloroethane	0.6	0.200	0.200	0.200
1,2-Dichloropropane	1	0.200	0.200	0.200
1,3,5-Trimethylbenzene	5	0.200	0.200	0.200
1,3-Dichlorobenzene	3	0.200	0.200	0.200
1,3-Dichloropropane	5	0.200	0.200	0.200
1,4-Dichlorobenzene	3	0.200	0.200	0.200
2,2-Dichloropropane	5	0.200	0.200	0.200
2-Butanone	50	0.200	0.820	0.200
2-Chlorotoluene	5	0.200	0.200	0.200
2-Hexanone	50	0.200	0.200	0.200
4-Chlorotoluene	5	0.200	0.200	0.200
4-Methyl-2-pentanone	~	0.200	0.200	0.200
Acetone	50	5.300	2.200	1
Benzene	1	0.200	0.200	0.200
Bromobenzene	5	0.200	0.200	0.200
Bromochloromethane	5	0.200	0.200	0.200
Bromodichloromethane	50	0.200	0.200	0.640
Bromoform	50	0.200	0.200	0.200
Bromomethane	5	0.200	0.200	0.200
Carbon disulfide	~	0.200	0.200	0.200
Carbon tetrachloride	5	0.200	0.200	0.200
Chlorobenzene	5	0.200	0.200	0.200
Chloroethane	5	0.200	0.200	0.200
Chloroform	7	3.600	0.200	2.800

Chloromethane	5	0.200	0.200	0.200
cis-1,2-Dichloroethylene	5	0.210	0.200	0.200
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Dibromochloromethane	50	0.200	0.200	0.200
Dibromomethane	~	0.200	0.200	0.200
Dichlorodifluoromethane	5	0.200	0.200	0.200
Ethyl Benzene	5	0.200	0.200	0.200
Hexachlorobutadiene	0.5	0.200	0.200	0.200
Isopropylbenzene	5	0.200	0.200	0.200
Methyl tert-butyl ether (MTBE)	10	0.200	0.200	0.200
Methylene chloride	5	1	1	1
Naphthalene	10	1	1	1
n-Butylbenzene	5	0.200	0.200	0.200
n-Propylbenzene	5	0.200	0.200	0.200
o-Xylene	5	0.200	0.200	0.200
p- & m- Xylenes	~	0.500	0.500	0.500
p-Diethylbenzene	~	0.200	0.200	0.200
p-Ethyltoluene	~	0.200	0.200	0.200
p-Isopropyltoluene	5	0.200	0.200	0.200
sec-Butylbenzene	5	0.200	0.200	0.200
Styrene	5	0.200	0.200	0.200
tert-Butylbenzene	5	0.200	0.200	0.200
Tetrachloroethylene	5	0.200	0.200	0.200
Toluene	5	0.200	0.200	0.200
trans-1,2-Dichloroethylene	5	0.200	0.200	0.200
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Trichloroethylene	5	0.330	0.200	0.200
Trichlorofluoromethane	5	0.200	0.200	0.200
Vinyl Chloride	2	0.200	0.200	0.200
Xylenes, Total	5	0.600	0.600	0.600

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Dilution Factor	ug/L	1	1	1
1,4-Dioxane	0.35	0.300	0.336	0.300

Semi-Volatiles, 8270 - Comprehensive - LL

Dilution Factor	ug/L	1	25	20
1,1-Biphenyl	~	2.500	2.940	2.630
1,2,4,5-Tetrachlorobenzene	~	2.500	2.940	2.630
1,2,4-Trichlorobenzene	5	2.500	2.940	2.630
1,2-Dichlorobenzene	3	2.500	2.940	2.630
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	2.940	2.630
1,3-Dichlorobenzene	3	2.500	2.940	2.630
1,4-Dichlorobenzene	3	2.500	2.940	2.630
2,3,4,6-Tetrachlorophenol	~	1.250	1.470	1.320
2,4,5-Trichlorophenol	1	1.250	1.470	1.320
2,4,6-Trichlorophenol	1	1.250	1.470	1.320
2,4-Dichlorophenol	5	1.250	1.470	1.320
2,4-Dimethylphenol	50	1.250	1.470	1.320
2,4-Dinitrophenol	10	1.250	1.470	1.320
2,4-Dinitrotoluene	5	2.500	2.940	2.630
2,6-Dinitrotoluene	5	2.500	2.940	2.630
2-Chloronaphthalene	10	2.500	2.940	2.630
2-Chlorophenol	1	1.250	1.470	1.320
2-Methylnaphthalene	~	2.500	2.940	2.630
2-Methylphenol	1	1.250	1.470	1.320
2-Nitroaniline	5	2.500	2.940	2.630
2-Nitrophenol	1	1.250	1.470	1.320
3- & 4-Methylphenols	1	1.250	1.470	1.320
3,3-Dichlorobenzidine	5	2.500	2.940	2.630
3-Nitroaniline	5	2.500	2.940	2.630
4,6-Dinitro-2-methylphenol	~	1.250	1.470	1.320
4-Bromophenyl phenyl ether	~	2.500	2.940	2.630
4-Chloro-3-methylphenol	1	1.250	1.470	1.320
4-Chloroaniline	5	2.500	2.940	2.630
4-Chlorophenyl phenyl ether	~	2.500	2.940	2.630
4-Nitroaniline	5	2.500	2.940	2.630
4-Nitrophenol	1	1.250	1.470	1.320
Acenaphthene	20	0.0500	0.0588	0.0526
Acenaphthylene	~	0.0500	0.0588	0.0526

Acetophenone	~	2.500	2.940	2.630
Aniline	5	2.500	2.940	2.630
Anthracene	50	0.0500	0.0588	0.0526
Atrazine	~	0.500	0.588	0.526
Benzaldehyde	~	2.500	2.940	2.630
Benzidine	~	10	11.800	10.500
Benzo(a)anthracene	0.002	0.0500	0.0588	0.0526
Benzo(a)pyrene	0.002	0.0500	0.0588	0.0526
Benzo(b)fluoranthene	0.002	0.0500	0.0588	0.0526
Benzo(g,h,i)perylene	~	0.0500	0.0588	0.0526
Benzo(k)fluoranthene	0.002	0.0500	0.0588	0.0526
Benzoic acid	~	25	29.400	26.300
Benzyl alcohol	~	2.500	2.940	2.630
Benzyl butyl phthalate	50	2.500	2.940	2.630
Bis(2-chloroethoxy)methane	5	2.500	2.940	2.630
Bis(2-chloroethyl)ether	1	1.250	1.470	1.320
Bis(2-chloroisopropyl)ether	5	2.500	2.940	2.630
Bis(2-ethylhexyl)phthalate	5	1.610	875	215
Caprolactam	~	2.500	2.940	2.630
Carbazole	~	2.500	2.940	2.630
Chrysene	0.002	0.0500	0.0588	0.0526
Dibenzo(a,h)anthracene	~	0.0500	0.0588	0.0526
Dibenzofuran	~	2.500	2.940	2.630
Diethyl phthalate	50	2.500	2.940	2.630
Dimethyl phthalate	50	2.500	2.940	2.630
Di-n-butyl phthalate	50	2.500	2.940	2.630
Di-n-octyl phthalate	50	2.500	26.600	5.830
Fluoranthene	50	0.0500	0.0588	0.0526
Fluorene	50	0.0500	0.0588	0.0526
Hexachlorobenzene	0.04	0.0200	0.0235	0.0211
Hexachlorobutadiene	0.5	0.500	0.588	0.526
Hexachlorocyclopentadiene	5	2.500	2.940	2.630
Hexachloroethane	5	0.500	0.588	0.526
Indeno(1,2,3-cd)pyrene	0.002	0.0500	0.0588	0.0526

Isophorone	50	2.500	2.940	2.630
Naphthalene	10	0.300	0.0588	0.0526
Nitrobenzene	0.4	0.250	0.294	0.263
N-Nitrosodimethylamine	~	0.500	0.588	0.526
N-nitroso-di-n-propylamine	~	2.500	2.940	2.630
N-Nitrosodiphenylamine	50	2.500	2.940	2.630
Pentachlorophenol	1	0.250	0.294	0.263
Phenanthrene	50	0.0500	0.0588	0.0526
Phenol	1	1.250	1.470	1.320
Pyrene	50	0.0500	0.0588	0.0526
Pyridine	50	2.500	2.940	2.630

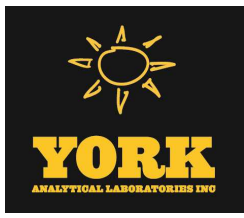
Metals, Target Analyte, ICP

Dilution Factor	ug/L	1	1	1
Aluminum	~	45,500	101	1,410
Barium	1000	937	97.100	179
Calcium	~	210,000	123,000	56,600
Chromium	50	170	5.560	55.900
Cobalt	~	131	4.440	10.200
Copper	200	386	22.200	22.900
Iron	~	43,000	278	36,100
Lead	25	517	5.560	19.100
Magnesium	35000	23,100	33,000	18,400
Manganese	300	7,930	5,550	1,570
Nickel	100	87.700	11.100	29.400
Potassium	~	18,900	14,700	9,720
Silver	50	5.560	5.560	5.560
Sodium	20000	168,000	67,600	27,600
Vanadium	~	129	11.100	11.100
Zinc	2000	323	27.800	135

Metals, Target Analyte, ICPMS

Dilution Factor	ug/L	1	1	1
Antimony	3	1.270	1.110	1.110
Arsenic	25	12.700	2.570	1.110
Beryllium	3	2.330	0.333	0.429

Cadmium	5	1.690	0.556	0.556
Selenium	10	3.400	1.870	1.620
Thallium	~	1.110	1.110	1.110
Mercury by 7470/7471				
Dilution Factor	ug/L	1	1	1
Mercury	0.7	2.500	0.200	0.200
PFAS, NYSDEC Target List				
Dilution Factor	ug/L	1	1	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00094	0.00093	0.00093
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.00236	0.00231	0.00231
N-EtFOSAA	~	0.00094	0.00093	0.00093
N-MeFOSAA	~	0.00094	0.00093	0.00093
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00094	0.00093	0.00093
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00094	0.00463	0.00093
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00094	0.00093	0.00093
Perfluorobutanesulfonic acid (PFBS)	~	0.00272	0.00249	0.00279
Perfluorodecanoic acid (PFDA)	~	0.00094	0.00093	0.00093
Perfluorododecanoic acid (PFDoA)	~	0.00094	0.00093	0.00093
Perfluoroheptanoic acid (PFHpA)	~	0.0106	0.00093	0.00356
Perfluorohexanesulfonic acid (PFHxS)	~	0.00094	0.00093	0.00198
Perfluorohexanoic acid (PFHxA)	~	0.0133	0.00134	0.00512
Perfluoro-n-butanoic acid (PFBA)	~	0.0160	0.0186	0.0142
Perfluorononanoic acid (PFNA)	~	0.00180	0.00093	0.00093
Perfluorooctanesulfonic acid (PFOS)	~	0.0288	0.00093	0.0119
Perfluorooctanoic acid (PFOA)	~	0.0538	0.00098	0.0264
Perfluoropentanoic acid (PFPeA)	~	0.0120	0.00640	0.0104
Perfluorotetradecanoic acid (PFTA)	~	0.00094	0.00093	0.00093
Perfluorotridecanoic acid (PFTrDA)	~	0.00094	0.00206	0.00093
Perfluoroundecanoic acid (PFUnA)	~	0.00094	0.00093	0.00093



Technical Report

prepared for:

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Report Date: 11/17/2023
Client Project ID: 75 Dupont Street
York Project (SDG) No.: 23K0609

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 11/17/2023
Client Project ID: 75 Dupont Street
York Project (SDG) No.: 23K0609

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

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 November 09, 2023 and listed below. The project was identified as your project: **75 Dupont Street**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23K0609-01	MW-12	Ground Water	11/09/2023	11/09/2023
23K0609-02	MW-14	Ground Water	11/09/2023	11/09/2023
23K0609-03	MW-29	Ground Water	11/09/2023	11/09/2023
23K0609-04	MW-30	Ground Water	11/09/2023	11/09/2023
23K0609-05	MW-38	Ground Water	11/09/2023	11/09/2023
23K0609-06	MW-43	Ground Water	11/09/2023	11/09/2023
23K0609-07	PFAS Field Blank	Water	11/09/2023	11/09/2023

General Notes for York Project (SDG) No.: 23K0609

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; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 11/17/2023





Sample Information

Client Sample ID: MW-12

York Sample ID: 23K0609-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0609	75 Dupont Street	Ground Water	November 9, 2023 8:00 am	11/09/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes: VOA-Air

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	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	11/15/2023 09:00	11/15/2023 14:28	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:28	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:28	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/15/2023 09:00	11/15/2023 14:28	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:28	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA



Sample Information

Client Sample ID: MW-12

York Sample ID: 23K0609-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

VOA-Air

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:28	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:28	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
67-64-1	Acetone	ND	CCVE	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:28	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:28	SMA
75-27-4	Bromodichloromethane	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA



Sample Information

Client Sample ID: MW-12

York Sample ID: 23K0609-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Volatile Organics, 8260 List - Low Level

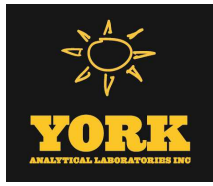
Log-in Notes:

VOA-Air

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
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
67-66-3	Chloroform	4.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:28	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:28	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:28	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:28	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:28	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	11/15/2023 09:00	11/15/2023 14:28	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	11/15/2023 09:00	11/15/2023 14:28	SMA



Sample Information

Client Sample ID: MW-12

York Sample ID: 23K0609-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes: VOA-Air

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
95-57-8	2-Chlorophenol	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH



Sample Information

Client Sample ID: MW-12

York Sample ID: 23K0609-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

VOA-Air

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
88-75-5	2-Nitrophenol	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
100-02-7	4-Nitrophenol	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
98-86-2	Acetophenone	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
62-53-3	Aniline	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
1912-24-9	Atrazine	ND	CAL-E	ug/L	0.521	0.521	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH



Sample Information

Client Sample ID: MW-12

York Sample ID: 23K0609-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

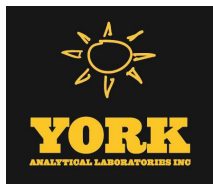
Log-in Notes:

VOA-Air

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
92-87-5	Benzidine	ND		ug/L	10.4	20.8	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
65-85-0	Benzoic acid	ND		ug/L	26.0	52.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.00	CAL-E, CCVE	ug/L	0.521	0.521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
105-60-2	Caprolactam	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
86-74-8	Carbazole	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
132-64-9	Dibenzofuran	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH



Sample Information

Client Sample ID: MW-12

York Sample ID: 23K0609-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

VOA-Air

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
86-73-7	Fluorene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 02:27	KH
118-74-1	Hexachlorobenzene	ND	CAL-E, CCVE	ug/L	0.0208	0.0208	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
87-68-3	Hexachlorobutadiene	ND	CAL-E	ug/L	0.521	0.521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
67-72-1	Hexachloroethane	ND	CAL-E	ug/L	0.521	0.521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
78-59-1	Isophorone	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
98-95-3	Nitrobenzene	ND	CAL-E	ug/L	0.260	0.260	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
62-75-9	N-Nitrosodimethylamine	ND	CAL-E	ug/L	0.521	0.521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.260	0.260	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH



Sample Information

Client Sample ID: MW-12

York Sample ID: 23K0609-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes: VOA-Air

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.30	1.30	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0521	0.0521	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
110-86-1	Pyridine	ND	ICVE	ug/L	2.60	5.21	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 02:27	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	13.6 %	S-08		19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	7.52 %	S-08		10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	36.7 %	S-08		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	32.4 %	S-08		39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	70.1 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	45.2 %			30.7-106						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: VOA-Air

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP-CT005,NELAC-NY10854	11/13/2023 08:28	11/16/2023 11:21	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	101 %			36.6-118					

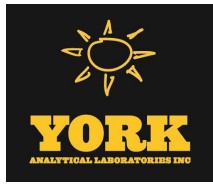
PFAS, NYSDEC Target List

Log-in Notes: VOA-Air

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.81		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
307-24-4	* Perfluorohexanoic acid (PFHxA)	7.40		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
375-85-9	* Perfluoroheptanoic acid (PFHpA)	4.52		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	2.44		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
335-67-1	* Perfluorooctanoic acid (PFOA)	39.4		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	17.8		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER



Sample Information

Client Sample ID: MW-12

York Sample ID: 23K0609-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

PFAS, NYSDEC Target List

Log-in Notes:

VOA-Air

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	1.40		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CC V-L	ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
2355-31-9	* N-MeFOSAA	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
2991-50-6	* N-EtFOSAA	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
2706-90-3	* Perfluoropentanoic acid (PFPeA)	8.33		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC V-L	ng/L	2.36	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	9.33		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:15	ER

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	103 %	25-150
Surrogate: M5PFHxA	98.6 %	25-150
Surrogate: M4PFHpA	85.4 %	25-150
Surrogate: M3PFHxS	140 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	105 %	25-150
Surrogate: M6PFDA	90.5 %	25-150



Sample Information

Client Sample ID: MW-12

York Sample ID: 23K0609-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

PFAS, NYSDEC Target List

Log-in Notes: VOA-Air

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	75.9 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	51.4 %			25-150					
	Surrogate: M2PFTeDA	46.2 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	84.9 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	106 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	80.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	47.3 %			10-150					
	Surrogate: d3-N-MeFOSAA	55.6 %			25-150					
	Surrogate: d5-N-EtFOSAA	52.3 %			25-150					
	Surrogate: M2-6:2 FTS	148 %			25-200					
	Surrogate: M2-8:2 FTS	38.8 %			25-200					
	Surrogate: M9PFNA	88.6 %			25-150					

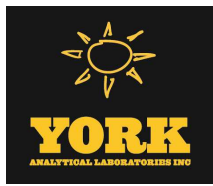
Metals, Target Analyte, ICP

Log-in Notes: VOA-Air

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
7429-90-5	Aluminum	3.21		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7440-39-3	Barium	0.401		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7440-70-2	Calcium	102		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7440-47-3	Chromium	0.106		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7440-48-4	Cobalt	0.0226		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7440-50-8	Copper	0.0488		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7439-89-6	Iron	82.6		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7439-92-1	Lead	0.0438		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7439-95-4	Magnesium	37.4		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7439-96-5	Manganese	2.83		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG



Sample Information

Client Sample ID: MW-12

York Sample ID: 23K0609-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Metals, Target Analyte, ICP

Log-in Notes: VOA-Air

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
7440-02-0	Nickel	0.0635		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7440-09-7	Potassium	4.94		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7440-23-5	Sodium	40.3	M-BS	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG
7440-66-6	Zinc	0.257		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:46	CEG

Metals, Target Analyte, ICPMS

Log-in Notes: VOA-Air

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
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:53	cw
7440-38-2	Arsenic	ND	M-BS	mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:53	cw
7440-41-7	Beryllium	0.000850	M-BS	mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:53	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:53	cw
7782-49-2	Selenium	0.00363		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:53	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:53	cw

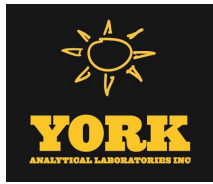
Mercury by 7470/7471

Log-in Notes: VOA-Air

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0002		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/13/2023 14:59	11/13/2023 14:59	PFA



Sample Information

Client Sample ID: MW-14

York Sample ID: 23K0609-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Volatile Organics, 8260 List - Low Level

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	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	11/15/2023 09:00	11/15/2023 14:56	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:56	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:56	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/15/2023 09:00	11/15/2023 14:56	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:56	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA



Sample Information

Client Sample ID: MW-14

York Sample ID: 23K0609-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Volatile Organics, 8260 List - Low Level

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:56	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:56	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
67-64-1	Acetone	1.8	CCVE, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:56	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:56	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA



Sample Information

Client Sample ID: MW-14

York Sample ID: 23K0609-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

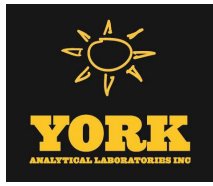
Volatile Organics, 8260 List - Low Level

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
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
67-66-3	Chloroform	2.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:56	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:56	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:56	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/15/2023 09:00	11/15/2023 14:56	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/15/2023 09:00	11/15/2023 14:56	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	11/15/2023 09:00	11/15/2023 14:56	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	11/15/2023 09:00	11/15/2023 14:56	SMA



Sample Information

Client Sample ID: MW-14

York Sample ID: 23K0609-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
95-57-8	2-Chlorophenol	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH



Sample Information

Client Sample ID: MW-14

York Sample ID: 23K0609-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
88-75-5	2-Nitrophenol	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
100-02-7	4-Nitrophenol	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
1912-24-9	Atrazine	ND	CAL-E	ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH



Sample Information

Client Sample ID: MW-14

York Sample ID: 23K0609-02

York Project (SDG) No.

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23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

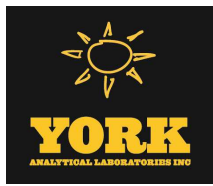
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
117-81-7	Bis(2-ethylhexyl)phthalate	217		ug/L	10.8	10.8	20	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/15/2023 03:54	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH



Sample Information

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75 Dupont Street

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11/09/2023

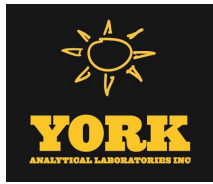
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
117-84-0	Di-n-octyl phthalate	5.22	J	ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
86-73-7	Fluorene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:04	KH
118-74-1	Hexachlorobenzene	ND	CAL-E, CCVE	ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
87-68-3	Hexachlorobutadiene	ND	CAL-E	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
67-72-1	Hexachloroethane	ND	CAL-E	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
98-95-3	Nitrobenzene	ND	CAL-E	ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
62-75-9	N-Nitrosodimethylamine	ND	CAL-E	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH



Sample Information

Client Sample ID: MW-14

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23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.35	1.35	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
110-86-1	Pyridine	ND	ICVE	ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:04	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	23.0 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	13.2 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	52.4 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	45.3 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	58.5 %			30.7-106						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP-CT005,NELAC-NY10854	11/13/2023 08:28	11/16/2023 11:39	KH	
Surrogate Recoveries		Result			Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	66.6 %			36.6-118						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.57		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
307-24-4	* Perfluorohexanoic acid (PFHxA)	5.23		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
375-85-9	* Perfluoroheptanoic acid (PFHpA)	3.46		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	0.990		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
335-67-1	* Perfluorooctanoic acid (PFOA)	28.1		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	11.3		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER



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PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

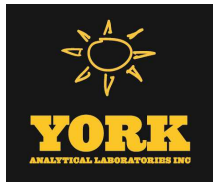
CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	0.974	PF-CC V-L	ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
2355-31-9	* N-MeFOSAA	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
2991-50-6	* N-EtFOSAA	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
2706-90-3	* Perfluoropentanoic acid (PFPeA)	10.2		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC V-L	ng/L	2.36	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	14.6		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:28	ER

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	96.3 %	25-150
Surrogate: M5PFHxA	81.5 %	25-150
Surrogate: M4PFHpA	80.2 %	25-150
Surrogate: M3PFHxS	117 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	96.0 %	25-150
Surrogate: M6PFDA	88.1 %	25-150



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11/09/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	64.5 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	52.7 %			25-150					
	Surrogate: M2PFTeDA	51.2 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	72.7 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	89.2 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	71.1 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	35.9 %			10-150					
	Surrogate: d3-N-MeFOSAA	58.1 %			25-150					
	Surrogate: d5-N-EtFOSAA	52.9 %			25-150					
	Surrogate: M2-6:2 FTS	134 %			25-200					
	Surrogate: M2-8:2 FTS	50.1 %			25-200					
	Surrogate: M9PFNA	81.7 %			25-150					

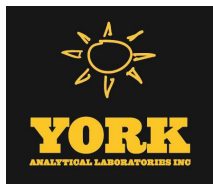
Metals, Target Analyte, ICP

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
7429-90-5	Aluminum	5.24		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7440-39-3	Barium	0.351		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7440-70-2	Calcium	87.9		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7440-47-3	Chromium	0.183		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7440-48-4	Cobalt	0.0215		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7440-50-8	Copper	0.0562		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7439-89-6	Iron	83.2		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7439-92-1	Lead	0.0425		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7439-95-4	Magnesium	29.7		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7439-96-5	Manganese	3.12		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG



Sample Information

Client Sample ID: MW-14

York Sample ID: 23K0609-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Metals, Target Analyte, ICP

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
7440-02-0	Nickel	0.0713		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7440-09-7	Potassium	19.1		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7440-23-5	Sodium	40.4		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7440-62-2	Vanadium	0.0177		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG
7440-66-6	Zinc	0.441		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 19:57	CEG

Metals, Target Analyte, ICPMS

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
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:55	cw
7440-38-2	Arsenic	ND	M-BS	mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:55	cw
7440-41-7	Beryllium	0.000716	M-BS	mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:55	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:55	cw
7782-49-2	Selenium	0.00303		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:55	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 15:55	cw

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0002		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/13/2023 14:59	11/13/2023 14:59	PFA



Sample Information

Client Sample ID: MW-29

York Sample ID: 23K0609-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Volatile Organics, 8260 List - Low Level

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	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	11/13/2023 09:00	11/13/2023 16:46	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 16:46	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 16:46	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 16:46	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA



Sample Information

Client Sample ID: MW-29

York Sample ID: 23K0609-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

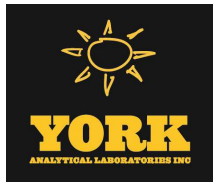
Volatile Organics, 8260 List - Low Level

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 16:46	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 16:46	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
67-64-1	Acetone	ND	CCVE	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 16:46	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 16:46	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA



Sample Information

Client Sample ID: MW-29

York Sample ID: 23K0609-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

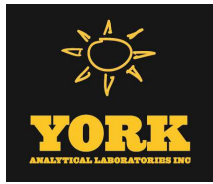
Volatile Organics, 8260 List - Low Level

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
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 16:46	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 16:46	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 16:46	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 16:46	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 16:46	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	11/13/2023 09:00	11/13/2023 16:46	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	11/13/2023 09:00	11/13/2023 16:46	SMA



Sample Information

Client Sample ID: MW-29

York Sample ID: 23K0609-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Volatile Organics, 8260 List - Low Level

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
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 16:46	SMA

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	112 %	69-130
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %	81-117
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	107 %	79-122

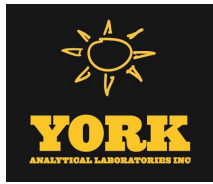
PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

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



Sample Information

Client Sample ID: MW-29

York Sample ID: 23K0609-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	3.24		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
307-24-4	* Perfluorohexanoic acid (PFHxA)	12.2		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
375-85-9	* Perfluoroheptanoic acid (PFHpA)	6.67		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	4.25		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
335-67-1	* Perfluorooctanoic acid (PFOA)	64.1		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	27.2		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
375-95-1	* Perfluorononanoic acid (PFNA)	1.33		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CC V-L	ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
2355-31-9	* N-MeFOSAA	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
2991-50-6	* N-EtFOSAA	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
2706-90-3	* Perfluoropentanoic acid (PFPeA)	13.8		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC V-L	ng/L	2.36	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:41	ER



Sample Information

Client Sample ID: MW-29 **York Sample ID:** 23K0609-03
York Project (SDG) No. 23K0609 Client Project ID 75 Dupont Street Matrix Ground Water Collection Date/Time November 9, 2023 8:00 am Date Received 11/09/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC	ng/L	0.943	1	EPA 537m	11/15/2023 15:33	11/16/2023 19:41	ER
			V-L				Certifications:			
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	14.0		ng/L	0.943	1	EPA 537m	11/15/2023 15:33	11/16/2023 19:41	ER
							Certifications:			
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: M3PFBS	105 %		25-150						
	Surrogate: M5PFHxA	86.0 %		25-150						
	Surrogate: M4PFHpA	87.7 %		25-150						
	Surrogate: M3PFHxS	119 %		25-150						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	99.7 %		25-150						
	Surrogate: M6PFDA	93.6 %		25-150						
	Surrogate: M7PFUdA	80.3 %		25-150						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	64.4 %		25-150						
	Surrogate: M2PFTeDA	37.9 %		10-150						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	84.5 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	101 %		25-150						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	81.4 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	13.0 %		10-150						
	Surrogate: d3-N-MeFOSAA	65.9 %		25-150						
	Surrogate: d5-N-EtFOSAA	65.6 %		25-150						
	Surrogate: M2-6:2 FTS	138 %		25-200						
	Surrogate: M2-8:2 FTS	57.4 %		25-200						
	Surrogate: M9PFNA	89.9 %		25-150						

Sample Information

Client Sample ID: MW-30 **York Sample ID:** 23K0609-04
York Project (SDG) No. 23K0609 Client Project ID 75 Dupont Street Matrix Ground Water Collection Date/Time November 9, 2023 8:00 am Date Received 11/09/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

VOA-Air

Sample Notes:



Sample Information

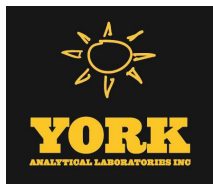
Client Sample ID: MW-30

York Sample ID: 23K0609-04

<u>York Project (SDG) No.</u> 23K0609	<u>Client Project ID</u> 75 Dupont Street	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> November 9, 2023 8:00 am	<u>Date Received</u> 11/09/2023
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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	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	11/13/2023 09:00	11/13/2023 17:14	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:14	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:14	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 17:14	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:14	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA



Sample Information

Client Sample ID: MW-30

York Sample ID: 23K0609-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

VOA-Air

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
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:14	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:14	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
67-64-1	Acetone	ND	CCVE	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:14	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:14	SMA
75-27-4	Bromodichloromethane	0.73		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA



Sample Information

Client Sample ID: MW-30

York Sample ID: 23K0609-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes: VOA-Air

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
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
67-66-3	Chloroform	13		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:14	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:14	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:14	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:14	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	11/13/2023 09:00	11/13/2023 17:14	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	11/13/2023 09:00	11/13/2023 17:14	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 17:14	SMA



Sample Information

Client Sample ID: MW-30

York Sample ID: 23K0609-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

VOA-Air

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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 17:14	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:14	SMA

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	110 %	69-130
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	102 %	81-117
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	107 %	79-122

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

VOA-Air

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH



Sample Information

Client Sample ID: MW-30

York Sample ID: 23K0609-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

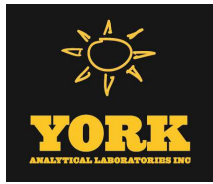
Log-in Notes:

VOA-Air

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
95-57-8	2-Chlorophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
95-48-7	2-Methylphenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH



Sample Information

Client Sample ID: MW-30

York Sample ID: 23K0609-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes: VOA-Air

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
100-02-7	4-Nitrophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
1912-24-9	Atrazine	ND	CAL-E	ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH



Sample Information

Client Sample ID: MW-30

York Sample ID: 23K0609-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

VOA-Air

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	0.226	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
50-32-8	Benzo(a)pyrene	0.215	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
205-99-2	Benzo(b)fluoranthene	0.246	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE, CAL-E	ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/12/2023 08:58	11/14/2023 03:39	KH



Sample Information

Client Sample ID: MW-30

York Sample ID: 23K0609-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

VOA-Air

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
206-44-0	Fluoranthene	0.297	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
86-73-7	Fluorene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 03:39	KH
118-74-1	Hexachlorobenzene	ND	CAL-E, CCVE	ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
87-68-3	Hexachlorobutadiene	ND	CAL-E	ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
67-72-1	Hexachloroethane	ND	CAL-E	ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
98-95-3	Nitrobenzene	ND	CAL-E	ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
62-75-9	N-Nitrosodimethylamine	ND	CAL-E	ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
108-95-2	Phenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
129-00-0	Pyrene	0.256	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH



Sample Information

Client Sample ID: MW-30

York Sample ID: 23K0609-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes: VOA-Air

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND	ICVE	ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 03:39	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	25.4 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	14.4 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	74.4 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	59.4 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	73.8 %			30.7-106						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: VOA-Air

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP-CT005,NELAC-NY10854	11/13/2023 08:28	11/16/2023 11:56	KH	
Surrogate Recoveries		Result			Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	118 %			36.6-118						

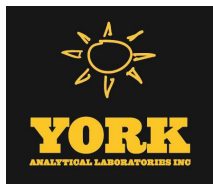
PFAS, NYSDEC Target List

Log-in Notes: VOA-Air

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
335-67-1	* Perfluorooctanoic acid (PFOA)	1.33		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	1.91		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER



Sample Information

Client Sample ID: MW-30

York Sample ID: 23K0609-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

PFAS, NYSDEC Target List

Log-in Notes:

VOA-Air

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

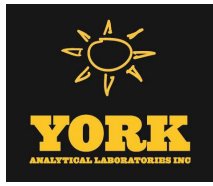
CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CC V-L	ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
2355-31-9	* N-MeFOSAA	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
2991-50-6	* N-EtFOSAA	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC V-L	ng/L	2.36	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.943	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 19:54	ER

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	44.6 %	25-150
Surrogate: M5PFHxA	47.1 %	25-150
Surrogate: M4PFHpA	38.5 %	25-150
Surrogate: M3PFHxS	51.0 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	42.7 %	25-150
Surrogate: M6PFDA	46.9 %	25-150
Surrogate: M7PFUdA	38.4 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	25.6 %	25-150
Surrogate: M2PFTeDA	5.49 %	PFsu-L 10-150



Sample Information

Client Sample ID: MW-30

York Sample ID: 23K0609-04

York Project (SDG) No.

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23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

PFAS, NYSDEC Target List

Log-in Notes: VOA-Air

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	42.8 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	44.8 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	42.0 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.88 %	PFSu-L		10-150					
	Surrogate: d3-N-MeFOSAA	40.5 %			25-150					
	Surrogate: d5-N-EtFOSAA	35.2 %			25-150					
	Surrogate: M2-6:2 FTS	35.9 %			25-200					
	Surrogate: M2-8:2 FTS	23.0 %	PFSu-L		25-200					
	Surrogate: M9PFNA	35.6 %			25-150					

Metals, Target Analyte, ICP

Log-in Notes: VOA-Air

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
7429-90-5	Aluminum	6.43		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG
7440-39-3	Barium	0.273		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG
7440-70-2	Calcium	59.0		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG
7440-47-3	Chromium	0.187		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG
7440-48-4	Cobalt	0.0190		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG
7440-50-8	Copper	0.0466		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG
7439-89-6	Iron	12.7		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG
7439-92-1	Lead	0.0345		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG
7439-95-4	Magnesium	16.6		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG
7439-96-5	Manganese	1.88		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG
7440-02-0	Nickel	0.131		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG
7440-09-7	Potassium	2.28		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:00	CEG



Sample Information

Client Sample ID: MW-30

York Sample ID: 23K0609-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Metals, Target Analyte, ICP

Log-in Notes: VOA-Air

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
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:33	11/16/2023 20:00	CEG
7440-23-5	Sodium	10.1		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:33	11/16/2023 20:00	CEG
7440-62-2	Vanadium	0.0120		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:33	11/16/2023 20:00	CEG
7440-66-6	Zinc	0.454		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:33	11/16/2023 20:00	CEG

Metals, Target Analyte, ICPMS

Log-in Notes: VOA-Air

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
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:57	cw
7440-38-2	Arsenic	ND	M-BS	mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:57	cw
7440-41-7	Beryllium	0.000551	M-BS	mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:57	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:57	cw
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:57	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:57	cw

Mercury by 7470/7471

Log-in Notes: VOA-Air

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0004		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/13/2023 14:59	11/13/2023 14:59	PFA

Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

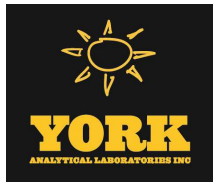
23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023



Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

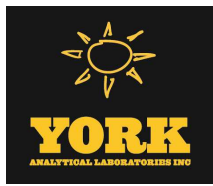
Volatile Organics, 8260 List - Low Level

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	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
71-55-6	1,1,1-Trichloroethane	35		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	11/13/2023 09:00	11/13/2023 17:42	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:42	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:42	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 17:42	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:42	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA



Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Volatile Organics, 8260 List - Low Level

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:42	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:42	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
67-64-1	Acetone	ND	CCVE	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:42	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:42	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA



Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

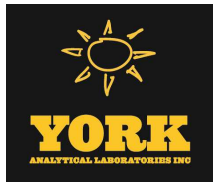
Volatile Organics, 8260 List - Low Level

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
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
67-66-3	Chloroform	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
156-59-2	cis-1,2-Dichloroethylene	52		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:42	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:42	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:42	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 17:42	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 17:42	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	11/13/2023 09:00	11/13/2023 17:42	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	11/13/2023 09:00	11/13/2023 17:42	SMA



Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

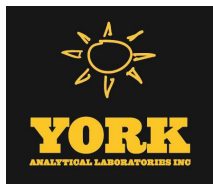
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
95-57-8	2-Chlorophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH



Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
88-75-5	2-Nitrophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
100-02-7	4-Nitrophenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
1912-24-9	Atrazine	ND	CAL-E	ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH



Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	10.5	CAL-E, CCVE	ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH



Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
86-73-7	Fluorene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:16	KH
118-74-1	Hexachlorobenzene	ND	CAL-E, CCVE	ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
87-68-3	Hexachlorobutadiene	ND	CAL-E	ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
67-72-1	Hexachloroethane	ND	CAL-E	ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
98-95-3	Nitrobenzene	ND	CAL-E	ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
62-75-9	N-Nitrosodimethylamine	ND	CAL-E	ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH



Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.28	1.28	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
110-86-1	Pyridine	ND	ICVE	ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:16	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	24.4 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	14.0 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	68.0 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	57.2 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	79.0 %			30.7-106						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
123-91-1	1,4-Dioxane	5.07		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP-CT005,NELAC-NY10854	11/13/2023 08:28	11/16/2023 12:13	KH	
Surrogate Recoveries		Result			Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	104 %			36.6-118						

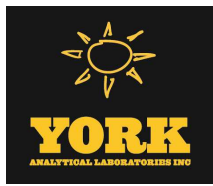
PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	8.29		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
307-24-4	* Perfluorohexanoic acid (PFHxA)	26.3		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
375-85-9	* Perfluoroheptanoic acid (PFHpA)	28.4		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	8.76		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
335-67-1	* Perfluorooctanoic acid (PFOA)	197		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	116		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
375-95-1	* Perfluorononanoic acid (PFNA)	3.10		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER



Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CC V-L	ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
2355-31-9	* N-MeFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
2991-50-6	* N-EtFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
2706-90-3	* Perfluoropentanoic acid (PFPeA)	27.9		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	0,999		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	3,79		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC V-L	ng/L	2.31	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	4.63	5	EPA 537m Certifications:	11/15/2023 15:33	11/17/2023 10:44	ER
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	24.9		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:06	ER

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	143 %	25-150
Surrogate: M5PFHxA	92.8 %	25-150
Surrogate: M4PFHpA	82.0 %	25-150
Surrogate: M3PFHxS	164 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	125 %	25-150
Surrogate: M6PFDA	149 %	25-150
Surrogate: M7PFUdA	113 %	25-150



Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	69.7 %			25-150					
	Surrogate: M2PFTeDA	41.6 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	107 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	180 %	PFSu-H		25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	110 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.64 %	PFSu-L		10-150					
	Surrogate: d3-N-MeFOSAA	98.4 %			25-150					
	Surrogate: d5-N-EtFOSAA	80.4 %			25-150					
	Surrogate: M2-6:2 FTS	274 %	PFSu-H		25-200					
	Surrogate: M2-8:2 FTS	67.1 %			25-200					
	Surrogate: M9PFNA	142 %			25-150					

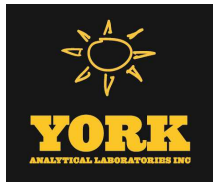
Metals, Target Analyte, ICP

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
7429-90-5	Aluminum	0.717		mg/L	0.0556	1	EPA 6010D	11/15/2023 08:33	11/16/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	Barium	0.0926		mg/L	0.0278	1	EPA 6010D	11/15/2023 08:33	11/16/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	Calcium	104		mg/L	0.0556	1	EPA 6010D	11/15/2023 08:33	11/16/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	0.0106		mg/L	0.00556	1	EPA 6010D	11/15/2023 08:33	11/16/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	11/15/2023 08:33	11/16/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	11/15/2023 08:33	11/16/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	1.71		mg/L	0.278	1	EPA 6010D	11/15/2023 08:33	11/16/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	11/15/2023 08:33	11/16/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	15.1		mg/L	0.0556	1	EPA 6010D	11/15/2023 08:33	11/16/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	0.322		mg/L	0.00556	1	EPA 6010D	11/15/2023 08:33	11/16/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: MW-38

York Sample ID: 23K0609-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Metals, Target Analyte, ICP

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
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:33	11/16/2023 20:03	CEG
7440-09-7	Potassium	3.03		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:33	11/16/2023 20:03	CEG
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:33	11/16/2023 20:03	CEG
7440-23-5	Sodium	64.9		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:33	11/16/2023 20:03	CEG
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:33	11/16/2023 20:03	CEG
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:33	11/16/2023 20:03	CEG

Metals, Target Analyte, ICPMS

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
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:59	cw
7440-38-2	Arsenic	ND	M-BS	mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:59	cw
7440-41-7	Beryllium	ND	M-BS	mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:59	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:59	cw
7782-49-2	Selenium	0.00790		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:59	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/15/2023 08:37	11/16/2023 15:59	cw

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/13/2023 14:59	11/13/2023 14:59	PFA



Sample Information

Client Sample ID: MW-43

York Sample ID: 23K0609-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

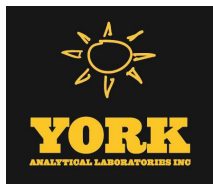
Volatile Organics, 8260 List - Low Level

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	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	11/13/2023 09:00	11/13/2023 18:10	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 18:10	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 18:10	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	11/13/2023 09:00	11/13/2023 18:10	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 18:10	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA



Sample Information

Client Sample ID: MW-43

York Sample ID: 23K0609-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Volatile Organics, 8260 List - Low Level

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 18:10	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 18:10	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
67-64-1	Acetone	ND	CCVE	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 18:10	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 18:10	SMA
75-27-4	Bromodichloromethane	0.64		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA



Sample Information

Client Sample ID: MW-43

York Sample ID: 23K0609-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

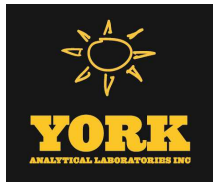
Volatile Organics, 8260 List - Low Level

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
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
67-66-3	Chloroform	2.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 18:10	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 18:10	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 18:10	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/13/2023 09:00	11/13/2023 18:10	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/13/2023 09:00	11/13/2023 18:10	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	11/13/2023 09:00	11/13/2023 18:10	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	11/13/2023 09:00	11/13/2023 18:10	SMA



Sample Information

Client Sample ID: MW-43

York Sample ID: 23K0609-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

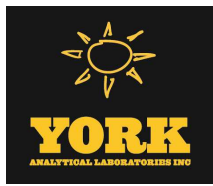
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
95-57-8	2-Chlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH



Sample Information

Client Sample ID: MW-43

York Sample ID: 23K0609-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
88-75-5	2-Nitrophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
100-02-7	4-Nitrophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
1912-24-9	Atrazine	ND	CAL-E	ug/L	0.526	0.526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH



Sample Information

Client Sample ID: MW-43

York Sample ID: 23K0609-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
117-81-7	Bis(2-ethylhexyl)phthalate	215		ug/L	10.5	10.5	20	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/15/2023 04:31	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH



Sample Information

Client Sample ID: MW-43

York Sample ID: 23K0609-06

York Project (SDG) No.
23K0609

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
November 9, 2023 8:00 am

Date Received
11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
117-84-0	Di-n-octyl phthalate	5.83		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
86-73-7	Fluorene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/12/2023 08:58	11/14/2023 04:51	KH
118-74-1	Hexachlorobenzene	ND	CAL-E, CCVE	ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
87-68-3	Hexachlorobutadiene	ND	CAL-E	ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
67-72-1	Hexachloroethane	ND	CAL-E	ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
98-95-3	Nitrobenzene	ND	CAL-E	ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
62-75-9	N-Nitrosodimethylamine	ND	CAL-E	ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH



Sample Information

Client Sample ID: MW-43

York Sample ID: 23K0609-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
110-86-1	Pyridine	ND	ICVE	ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/12/2023 08:58	11/14/2023 04:51	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	24.2 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	13.6 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	64.0 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	51.8 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.7 %			30.7-106						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP-CT005,NELAC-NY10854	11/13/2023 08:28	11/16/2023 12:31	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	106 %			36.6-118					

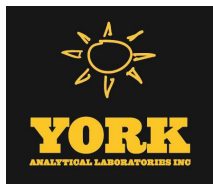
PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.79		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
307-24-4	* Perfluorohexanoic acid (PFHxA)	5.12		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
375-85-9	* Perfluoroheptanoic acid (PFHpA)	3.56		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	1.98		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
335-67-1	* Perfluorooctanoic acid (PFOA)	26.4		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	11.9		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER



Sample Information

Client Sample ID: MW-43

York Sample ID: 23K0609-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CC V-L	ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
2355-31-9	* N-MeFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
2991-50-6	* N-EtFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
2706-90-3	* Perfluoropentanoic acid (PFPeA)	10.4		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC V-L	ng/L	2.31	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	14.2		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:19	ER

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	89.0 %	25-150
Surrogate: M5PFHxA	74.3 %	25-150
Surrogate: M4PFHpA	70.6 %	25-150
Surrogate: M3PFHxS	108 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	81.3 %	25-150
Surrogate: M6PFDA	74.9 %	25-150



Sample Information

Client Sample ID: MW-43

York Sample ID: 23K0609-06

York Project (SDG) No.

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23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	57.4 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	44.5 %			25-150					
	Surrogate: M2PFTeDA	45.2 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	65.7 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	82.0 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	64.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	19.6 %			10-150					
	Surrogate: d3-N-MeFOSAA	53.3 %			25-150					
	Surrogate: d5-N-EtFOSAA	39.9 %			25-150					
	Surrogate: M2-6:2 FTS	136 %			25-200					
	Surrogate: M2-8:2 FTS	43.1 %			25-200					
	Surrogate: M9PFNA	69.9 %			25-150					

Metals, Target Analyte, ICP

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
7429-90-5	Aluminum	1.41		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7440-39-3	Barium	0.179		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7440-70-2	Calcium	56.6		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7440-47-3	Chromium	0.0559		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7440-48-4	Cobalt	0.0102		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7440-50-8	Copper	0.0229		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7439-89-6	Iron	36.1		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7439-92-1	Lead	0.0191		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7439-95-4	Magnesium	18.4		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7439-96-5	Manganese	1.57		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG



Sample Information

Client Sample ID: MW-43

York Sample ID: 23K0609-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Ground Water

November 9, 2023 8:00 am

11/09/2023

Metals, Target Analyte, ICP

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
7440-02-0	Nickel	0.0294		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7440-09-7	Potassium	9.72		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7440-23-5	Sodium	27.6		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG
7440-66-6	Zinc	0.135		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:33	11/16/2023 20:06	CEG

Metals, Target Analyte, ICPMS

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
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 16:01	cw
7440-38-2	Arsenic	ND	M-BS	mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 16:01	cw
7440-41-7	Beryllium	0.000429	M-BS	mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 16:01	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 16:01	cw
7782-49-2	Selenium	0.00162		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 16:01	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/15/2023 08:37	11/16/2023 16:01	cw

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/13/2023 14:59	11/13/2023 14:59	PFA



Sample Information

Client Sample ID: PFAS Field Blank

York Sample ID: 23K0609-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Water

November 9, 2023 10:09 am

11/09/2023

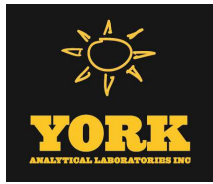
PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND	PF-CC V-L	ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
2355-31-9	* N-MeFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
2991-50-6	* N-EtFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER



Sample Information

Client Sample ID: PFAS Field Blank

York Sample ID: 23K0609-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23K0609

75 Dupont Street

Water

November 9, 2023 10:09 am

11/09/2023

PFAS, NYSDEC Target List

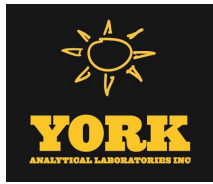
Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC	ng/L	2.31	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC	ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.926	1	EPA 537m Certifications:	11/15/2023 15:33	11/16/2023 20:32	ER

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	83.9 %	25-150
Surrogate: M5PFHxA	86.8 %	25-150
Surrogate: M4PFHpA	69.8 %	25-150
Surrogate: M3PFHxS	80.9 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	101 %	25-150
Surrogate: M6PFDA	84.6 %	25-150
Surrogate: M7PFUdA	75.2 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	71.3 %	25-150
Surrogate: M2PFTeDA	94.3 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	55.3 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	91.3 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	67.4 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	57.5 %	10-150
Surrogate: d3-N-MeFOSAA	54.0 %	25-150
Surrogate: d5-N-EtFOSAA	66.7 %	25-150
Surrogate: M2-6:2 FTS	61.6 %	25-200
Surrogate: M2-8:2 FTS	32.0 %	25-200
Surrogate: M9PFNA	78.1 %	25-150



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23K0609-01	MW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23K0609-02	MW-14	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23K0609-03	MW-29	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23K0609-04	MW-30	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23K0609-05	MW-38	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23K0609-06	MW-43	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

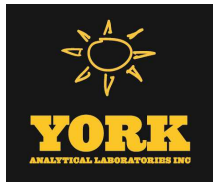


Sample and Data Qualifiers Relating to This Work Order

VOA-Air	Air bubbles were present in vial upon receipt by lab.
S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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-H	The LCS recovery was slightly above acceptable limits for the qualified compound. However, sample results are not biased high because results are corrected for isotope recovery.
PF-CCV-L	The CCV recovery was slightly below acceptable limits for the qualified compound. However, sample results are not biased low because results are corrected for isotope recovery.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of 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).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

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 current NELAC/TNI 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.



York Analytical Laboratories, Inc.
 120 Research Drive 132-02 89th Ave
 Stratford, CT 06615 Queens, NY 11418
 clientservices@yorklab.com
 www.yorklab.com

Field Chain-of-Custody Record

YORK Project No.
 23K0609

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
 This 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.

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: Cichetti Engineering Address: P.O. Box 195 Germantown, NY 12526 Phone: 803-624-8118 Contact: R. Lemar Young E-mail: permits@cichettiengineering.com		Company: Cichetti Engineering Address: P.O. Box 195 Germantown, NY 12526 Phone: 845-598-5018 Contact: Matt Cichetti E-mail: Matt@cichettiengineering.com		Company: Cichetti Engineering Address: Phone: Contact: E-mail:		75 Dupont Street 75 Dupont Street		RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day Standard (5-7 Day) <input checked="" type="checkbox"/>	

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

Report / EDD Type (circle selections)
 Summary Report Standard Excel EDD
 QA Report CT RCP DQA/DUE EQUIS (Standard)
 NY ASP A Package NJDEP Reduced NYSDEC EQUIS
 NY ASP B Package Deliverables NJDEP SRP HazSite
 Other: NJDKQP

YORK Reg. Comp.
 Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-12	GW	11/09/23 8:00AM	NYSDEC Special Groundwater Parameters	(18)40ml w/HCL
MW-14				(12)1L Ambers UP
MW-29				(6)250 ml p w/HNO3
MW-30				(6)500ml Amber UP
MW-38				(6) PFAS Kit
MW-43				(2) 40ml Trip Blanks
				(2) PFAS Field Blanks

Comments:
 Preservation: (check all that apply)
 HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
 Ascorbic Acid ___ Other: ___

1. Samples Relinquished by / Company Cichetti Engineering Date/Time 11/9/2023	2. Samples Relinquished by / Company Mars Science Date/Time 11/9/23 1422
3. Samples Relinquished by / Company	3. Samples Received by / Company
4. Samples Relinquished by / Company	4. Samples Received in LAB by 11/9/23 1422 4.0 Degrees C