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May 27, 2025

Tracey Garland
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7014

Re: Quarterly Groundwater Monitoring Report – 2025 Q1
Ithaca Court Street Former MGP Site (NYSDEC Site No. 755008)
Ithaca, New York
D&B No. 5811

Dear Mr. Garland:

On behalf of New York State Electric and Gas Corporation (NYSEG), D&B Engineers and Architects, D.P.C. (D&B) is submitting this letter report to summarize the 2025 Quarter 1 (Q1) groundwater monitoring event (GME) conducted at the Ithaca Court Street Former Manufactured Gas Plant (MGP) Site Operable Unit 2 in Ithaca, New York (the "Site"). A site location map is presented as **Figure 1 – Site Location Map**.

Background

The NYSEG Ithaca site is divided into two operable units (OUs). Operable Unit 1 (OU-1) consists of the former MGP parcel, former tar duct structures under West Court Street from the Site to North Meadow Street, and the surrounding sidewalk areas. Operable Unit 2 (OU-2) consists of any areas outside of the OU-1 boundary that may have been impacted by the migration of MGP residuals from OU-1 source materials. A Site Plan depicting these operable units is presented as **Figure 2 – Site Plan**.

As detailed in the interim Site Management Plan (SMP) dated May 2023, the primary constituents of concern at the Site are benzene, toluene, ethylbenzene, and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs) and cyanide. All remedial actions have been successfully completed at the Site in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC). The scope of the Q1 GME presented in the SMP includes the collection of groundwater samples from eight existing groundwater monitoring wells using low stress (low-flow) purging and sampling techniques for laboratory analysis. Details and the results of the 2025 Q1 GME are presented below.

2025 Q1 Groundwater Sampling Event Summary

The Q1 GME was conducted by D&B on March 24, 2025 and March 25, 2025 in accordance with the long-term plan to monitor the quality of groundwater at the Site and offsite areas presented in the SMP (May 2023). Prior to the commencement of sampling activities, a Site inspection was performed by D&B to document general Site conditions and Site usage. No indications of unauthorized excavations or breaches in the cover systems at OU-1 or OU-2 were observed based on the results of inspections performed. As part of these activities, a visual inspection of the on-site and off-site groundwater monitoring well network was also performed for signs of damage to well casings/collars, proper well labeling/identification and any

evidence of any tampering/damage to well covers and locks. The results of these inspections are documented in **Table 1 - Groundwater Monitoring Well Observations**. Provided below is a general overview of the conditions observed as part of these inspections:

- The well cover at MW-C16 was missing and subsequently replaced the following day. This monitoring well is located in the northbound lane of North Plain Street and the treaded flanges are currently stripped. Bailing wire was used on threaded flanges to get bolts to grip.

- Water was observed in the well box below the J-plug and near the top of the riser at monitoring well MW-C11. The water was removed from the annular space using a peristaltic pump prior to removing the J-plug at this location.

- Several wells were missing the threaded tabs used to secure the well cover (MW-C11, MW-C16, and MW-23S).

D&B subsequently gauged water table elevations and total well depth measurements at each of the eight monitoring wells included as part of this quarterly GME (MW-C11, MW-C12, MW-C16, MW-13S, MW-22S, MW-23S, MW-46S, MW-48S) as shown on **Figure 3 – 1st Quarter 2025 Groundwater Analytical Exceedances BTEX, PAHs, Cyanide**. During the well gauging, D&B also assessed each well for the presence of nonaqueous phase liquid (NAPL) utilizing an oil/water interface probe. NAPL was not detected within any of the wells during the well gauging. However, it should be noted that some tar-like staining was observed on the oil/water interface probe and tape when removed from monitoring well MW-46S (See **Attachment A** – Photo Log). In addition, a napthalene-like odor was observed at monitoring wells MW-23S, MW-46S and MW-48S. Based on the water table elevations measured at all 15 monitoring wells on March 24, 2025, groundwater flow in the vicinity of the Site is to the west.

Using a peristaltic pump and dedicated tubing, D&B purged each well using USEPA low stress (low-flow) purging and sampling procedures to collect groundwater samples from each well. Prior to sample collection, field parameters (i.e., pH, temperature, specific conductivity, turbidity, dissolved oxygen, and oxygen reduction potential) were allowed to stabilize and are presented on the Groundwater Sampling Records, provided in **Attachment B**. A summary of the final field parameter results are presented in **Table 2**. Groundwater samples were collected in laboratory supplied containers, labeled and stored on wet ice in the laboratory supplied coolers in accordance with following United States Environmental Protection Agency (USEPA) SW-846 requirements. Purge and decontamination water was containerized in a clean 55-gallon open top drum staged in the secured drum storage area for disposal by NYSEG.

The collected eight groundwater monitoring well samples and associated quality control samples (i.e., blind duplicate [collected from MW-48S], matrix spike and matrix spike duplicate) were relinquished following standard chain-of-custody procedures to Eurofins Service Center in Syracuse, New York for laboratory analysis. Each groundwater sample was submitted for the following laboratory analysis using the following USEPA SW-846 methods:

- Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) via Method 8260C;

- Polycyclic Aromatic Hydrocarbons (PAHs) - 16 Priority Pollutants via Method 8270E;

- Low Level PAHs (seven select analytes) via Method 8270E SIM; and
- Total Cyanide via Method 9012B.

The laboratory analytical report prepared by Eurofins Buffalo, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, is provided as **Attachment C**. The data package submitted by the analytical laboratory was validated by D&B in accordance with New York State Department of Environmental Conservation (NYSDEC) quality assurance/quality control (QA/QC) requirements. The Data Usability Summary Report (DUSR) is provided as **Attachment D**. A discussion of the laboratory analytical results is presented below.

Laboratory Analytical Results

Analytical results for samples collected from the eight groundwater monitoring wells as part of this sampling event are summarized in **Table 3** – **Groundwater Analytical Results – BTEX, PAHs, and Cyanide**. Results of samples collected were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA groundwater (herein referred to as the Class GA groundwater standards). Provided below is a brief summary of all exceedances of Class GA groundwater standards. Refer to **Figure 3 – 1st Quarter 2025 Groundwater Analytical Exceedances BTEX, PAHs, Cyanide** for a Site Plan depicting analytical results for all wells sampled as part of this GME.

BTEX

Detectable concentrations of BTEX compounds were identified in 4 of the 8 groundwater monitoring wells, including MW-C12, MW-23S, MW-46S, and MW-48S. The highest concentration of total BTEX of 1,400 ug/l was detected at MW-46S. The sample collected from MW-48S exhibited the next highest concentration of total BTEX of 96 ug/l, followed by MW-23S at 69 ug/l and MW-C12 at 6.5 ug/l. VOCs were detected at concentrations above Class GA groundwater standards and guidance values at wells MW-C12, MW-23S, MW-46S, and MW-48S as follows:

- Benzene was detected above the Class GA groundwater standard of 1 ug/l in four groundwater monitoring wells (MW-C12, MW-46S, and MW-48S), at concentrations of 3.6 ug/l, 710 ug/l, and 38 ug/l, respectively.
- Toluene was detected slightly above the Class GA groundwater standard of 5 ug/l in MW-46S at a concentration of 5.7 J ug/l.
- Ethylbenzene was detected above the Class GA groundwater standards of 5 ug/l in three groundwater monitoring wells (MW-23S, MW-46S, and MW-48S), at concentrations of 39 ug/l, 500 ug/l, and 32 ug/l, respectively.
- Total xylene was detected above the Class GA groundwater standards of 5 ug/l in three groundwater monitoring wells (MW-23S, MW-46S, and MW-48S), at concentrations of 28 ug/l, 180 ug/l, and 25 ug/l, respectively.

PAHs

Detectable concentrations of PAHs were identified in five of the eight groundwater monitoring wells, including MW-C12, MW-C16, MW-23S, MW-46S, and MW-48S. A total of seven PAHs were detected in at least one groundwater monitoring well above the Class GA groundwater standards. The highest concentration of total PAHS of 511.3 ug/l was detected at MW-46S, followed in decreasing order by MW-23S (208.8 ug/l), MW-48S (106.6 ug/l), MW-C12 (47.2 ug/l), and MW-C16 (7.9 ug/l). PAHs were detected at concentrations above Class GA groundwater standards and guidance values at wells MW-C12, MW-23S, MW-46S and MW-48S as follows:

- Benzo(a)anthracene was detected above the Class GA groundwater standard of 0.002 ug/l in three groundwater monitoring wells (MW-23S, MW-46S, MW-48S) at concentrations of 0.052 J ug/l, 1.1 J, and 0.045 J ug/l, respectively.

- Benzo(a)pyrene was detected above the Class GA groundwater standard of 0 ug/l in two groundwater monitoring well (MW-46S, MW-48S) at concentrations of 0.9 J ug/l and 0.029 J ug/l, respectively.

- Benzo(b)fluoranthene was detected above the Class GA groundwater standard of 0.002 ug/l in two groundwater monitoring wells (MW-46S, MW-48S) at concentrations of 0.66 J ug/l and 0.055 ug/l, respectively.

- Benzo(k)fluoranthene was detected above the Class GA groundwater standard of 0.002 ug/l in one groundwater monitoring well (MW-46S) at a concentration of 0.14 J ug/l.

- Acenaphthene was detected above the Class GA groundwater standard of 20 ug/l in three groundwater monitoring wells (MW-C12, MW-23S, MW-46S) at concentrations of 42 J ug/l, 48 J ug/l, and 21 J ug/l, respectively.

- Naphthalene was detected above the Class GA groundwater standard of 10 ug/l in three groundwater monitoring wells (MW-23S, MW-46S, MW-48S) at concentrations of 130 J ug/l, 470 D ug/l and 84 J ug/l, respectively.

Total Cyanide

Total cyanide was detected above the Class GA groundwater standard of 0.2 mg/l in one groundwater monitoring well (MW-22S) at a concentration of 0.37 ug/l.

CONCLUSIONS AND RECOMMENDATIONS

The groundwater data for the First Quarter 2025 samples collected in March 2025 is consistent with the results from previous groundwater monitoring events. Five of the eight monitoring wells exhibited one or more targeted compounds at concentrations above respective Class GA groundwater standards and guidance values. Elevated concentrations of BTEX compounds and PAHs were observed at MW-23S, MW-46S and MW-48S. The highest BTEX concentrations were detected in MW-46S with a total BTEX

concentration of 1,400D ug/l and a total PAH concentration of 511.3 ug/l, which are both down from a total BTEX concentration of 2,500 ug/l and a total PAH concentration of 1,031.81 ug/l reported during the First Quarter 2024 sampling event last year.

At this time, it is recommended that the long-term groundwater monitoring program continue to be implemented in accordance with the SMP to collect additional data and assess future trends. In accordance with the SMP, the scope of the 2025 Second Quarter (Q2) GME includes the collection of groundwater samples from eight existing groundwater monitoring wells that will be conducted in June 2025. In addition, in consideration of the NYSDEC's March 26, 2025 email regarding the potential for recoverable product at monitoring well MW-46S, D&B will evaluate this using a disposable bailer to hand bail this well as part of the 2025 Q2 GME. It should be noted that since D&B has been providing Site Management activities starting in June 2023, the oil/water interface probe has not detected NAPL or recoverable product at MW-46S or any other monitoring wells sampled. In addition, correspondence regarding well repairs will be provided under separate cover.

Please do not hesitate to contact Levia Terrell at (607) 423-1652 or myself at (315) 558-1590 if you have any questions or require additional information.

Very truly yours,

Gunther J. Schnorr
Senior Engineer

GJSt/rs
attachments
cc: Levia Terrell (NYSEG)
Scott Tucker (Ramboll)
Frank DeVita (D&B)
Thomas P. Fox, P.G. (D&B)
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Table 1 – Groundwater Monitoring Well Observations
Table 2 – Summary of Final Field Parameter Results
Table 3 – Groundwater Analytical Results – BTEX, PAHs, and Cyanide

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Figure 2 – Site Plan
Figure 3 – 1st Quarter 2025 Groundwater Analytical Exceedances BTEX, PAHs, Cyanide

ATTACHMENTS
Attachment A – Photo Log
Attachment B – Groundwater Sampling Records
Attachment C – Laboratory Analytical Report
Attachment D – Data Usability Summary Report

TABLES

TABLE 1 - GROUNDWATER MONITORING WELL OBSERVATIONS

2025 Q1 GROUNDWATER MONITORING EVENT
ITHACA COURT STREET FORMER MGP SITE (NYSDEC SITE NO. 755008)
ITHACA, NEW YORK

Well ID	Northings	Eastings	Rim Elevation (AMSL)	Top of Riser (AMSL)	Total Well Depth (ft BTOR)	Depth to Water (ft BTOR)	Groundwater Elevation (ft AMSL)	NAPL Present (Y / N)	Observations/Comments
Groundwater Monitoring Wells Sampled Quarterly									
MW-C11	890314.13	841572.86	391.19	390.70	15.19	5.27	385.43	N	Annualar space filled with water below J-plug (removed). One of two treaded flanges missing (one bolt barely secures cover). Spongy bottom.
MW-C12	890298.78	841607.74	391.95	391.75	17.20	5.90	385.85	N	Good condition. Hard bottom.
MW-C16	890373.63	841591.99	391.05	390.86	15.81	5.58	385.28	N	Well cover missing (Replaced on 3/25/2025). Threaded flanges are stripped. Concrete pad surrounding road box is cracked. Spongy bottom.
MW-13S	889938.16	842147.41	396.23	395.95	14.39	6.57	389.38	N	Good condition. Hard bottom.
MW-22S	890169.03	840759.18	387.07	386.70	13.56	3.72	382.98	N	Good condition. Located in flower bed west of driveway. Hard bottom.
MW-23S	890569.18	840821.52	387.49	386.99	13.65	6.33	380.66	N	Two of three threaded flanges missing (one bolt secures cover). Spongy bottom. Slight gasoline-like odor.
MW-46S	890067.01	840841.212	387.50	387.17	16.87	4.05	383.12	N	Good condition. Some staining on interface probe tape. Slight napthalene-like odor. Spongy bottom.
MW-48S	890217.75	840831.85	387.08	386.87	13.47	3.80	383.07	N	Good condition. Slight napthalene-like odor. Spongy bottom.

Notes:
1. Total well depth and depth to water were measured during synoptic round conducted on March 24, 2025.
2. AMSL = above mean sea level.
3. ft BTOR = feet below top of riser.
4. Northings, eastings, and top of riser elevations presented above based on survey conducted on September 12, 2023 by Williams and Edsall Land Surveyors, P.C.
5. Northings and eastings are presented using World Geodetic System 1984 (WGS 84) coordinate system and elevations are presented using the North American Vertical Datum of 1988 (NAVD 88).
6. Highlighted rows indicate monitoring wells that should be considered for repair, replacement, or abandonment.

TABLE 2 - SUMMARY OF FINAL FIELD PARAMETER RESULTS

2025 Q1 GROUNDWATER MONITORING EVENT
ITHACA COURT STREET FORMER MGP SITE (NYSDEC SITE NO. 755008)
ITHACA, NEW YORK

Well ID	pH	Temperature (°C)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (DO) (mg/L)	Oxidation Reduction Potential (ORP) (mV)
MW-C11	7.11	9.73	4.95	22.1	0.29	-94
MW-C12	7.32	10.78	1.11	4.3	0.31	-73
MW-C16	7.10	9.74	3.29	5.0	0.22	-112
MW-13S	7.30	10.33	2.05	0.5	0.90	68
MW-22S	6.87	7.66	0.655	0.0	5.11	232
MW-23S	6.98	8.86	1.22	1.1	0.21	-64
MW-46S	7.08	8.39	0.873	9.0	0.16	-95
MW-48S	7.19	8.28	2.92	0.0	0.17	-114

Notes:

1. The table above represent the final stabilized parameters prior to sample collection using low-flow sampling techniques.

Abbreviations:

°C: degrees celsius
mS/cm: millisiemens per centimeter
NTUs: nephelometric turbidity units
DO: dissolved oxygen
mg/L: milligrams per liter
ORP: oxidation-reduction potential
mV: millivolts

TABLE 3
Ithaca Court Street
First Quarter 2025 Groundwater Samples
BTEX, Select Semivolatile Organic Compounds, and Cyanide

		Sample ID	MW-C11	MW-C12	MW-C16	MW-13S	MW-22S	MW-23S	DUP-1	MW-46S	MW-48S
		Sampling Date	3/24/2025	3/24/2025	3/24/2025	3/24/2025	3/25/2025	3/24/2025	3/24/2025	3/25/2025	3/25/2025
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l	CAS Number	TOGS Class GA Groundwater Standards									
Benzene	71-43-2	1	1 U	**3.6**	1 U	1 U	1 U	0.78 J	0.82 J	**710**	**38**
Toluene	108-88-3	5	1 U	1 U	1 U	1 U	1 U	1.3	1.2	**5.7 J**	0.61 J
Ethylbenzene	100-41-4	5	1 U	1.8	1 U	1 U	1 U	**39**	**39**	**500**	**32**
M,P-Xylenes	179601-23-1	5	2 U	2 U	2 U	2 U	2 U	**7.1**	**7.1**	**49**	**6.2**
O-Xylene	95-47-6	5	1 U	1.1	1 U	1 U	1 U	**21**	**22**	**130**	**19**
Xylenes	1330-20-7	5	2 U	1.1 J	2 U	2 U	2 U	**28**	**29**	**180**	**25**
BTEX	BTEX	--	2 U	6.5	2 U	2 U	2 U	69	70	1400	96
Semivolatile Organic Compounds in ug/l											
Benzo(a)anthracene	56-55-3	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.052 J**	**0.065 J**	**1.1 J**	**0.045 J**
Benzo(a)pyrene	50-32-8	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.9 J**	**0.029 J**
Benzo(b)fluoranthene	205-99-2	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.66 J**	**0.055 J**
Benzo(ghi)perylene	191-24-2	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.28 J	0.05 U
Benzo(k)fluoranthene	207-08-9	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.14 J**	0.05 U
Dibenzo(a,h)anthracene	53-70-3	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.1 J	0.05 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.31 J**	0.05 U
Acenaphthene	83-32-9	20	10 U	**42 J**	7.9 J	10 U	10 U	**48 J**	**51 J**	**21 J**	18 J
Acenaphthylene	208-96-8	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.98 J	10 U
Anthracene	120-12-7	50	10 U	10 U	10 U	10 U	10 U	2.9 J	3 J	1.3 J	10 U
Chrysene	218-01-9	0.002	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Fluoranthene	206-44-0	50	10 U	10 U	10 U	10 U	10 U	0.89 J	1 J	1.1 J	10 U
Fluorene	86-73-7	50	10 U	5.2 J	10 U	10 U	10 U	14 J	14 J	5.7 J	1.9 J
Naphthalene	91-20-3	10	2 U	2 U	2 U	2 U	2 U	**130 J**	**140 J**	**470 D**	**84 J**
Phenanthrene	85-01-8	50	10 U	10 U	10 U	10 U	10 U	13 J	14 J	5.6 J	2.6 J
Pyrene	129-00-0	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.1 J	10 U
Cyanide in mg/l	57-12-5	0.2	0.019	0.013	0.0047 J	0.01 U	**0.37**	0.0051 J	0.0055 UB	0.01 U	0.01 U

Footnotes/Qualifiers:

ug/l: Micrograms per liter
mg/l: Milligrams per liter
U: Analyzed but not detected
J: Estimated value or limit
--: No limit
Exceeded TOGs GW standard

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FIGURES

NEW YORK STATE ELECTRIC & GAS CORP.
ITHACA COURT STREET FORMER MGP SITE
ITHACA, NEW YORK

D&B ENGINEERS AND ARCHITECTS

SCALE: N.T.S.

SITE LOCATION MAP

FIGURE 1

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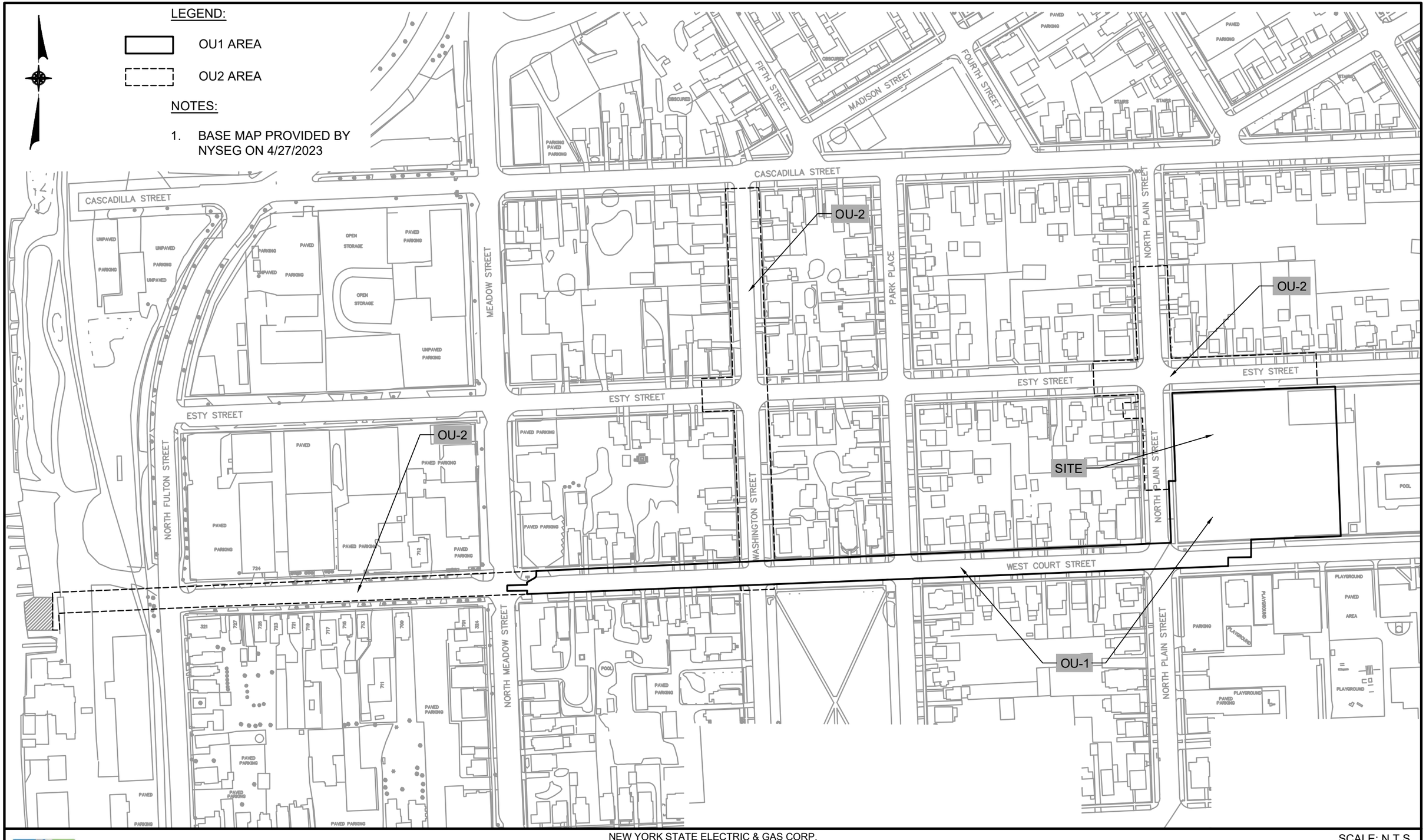
LEGEND:

OU1 AREA

OU2 AREA

NOTES:

1. BASE MAP PROVIDED BY NYSEG ON 4/27/2023



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NEW YORK STATE ELECTRIC & GAS CORP.
ITHACA COURT STREET FORMER MGP SITE
ITHACA, NEW YORK

SITE PLAN

SCALE: N.T.S.

FIGURE 2

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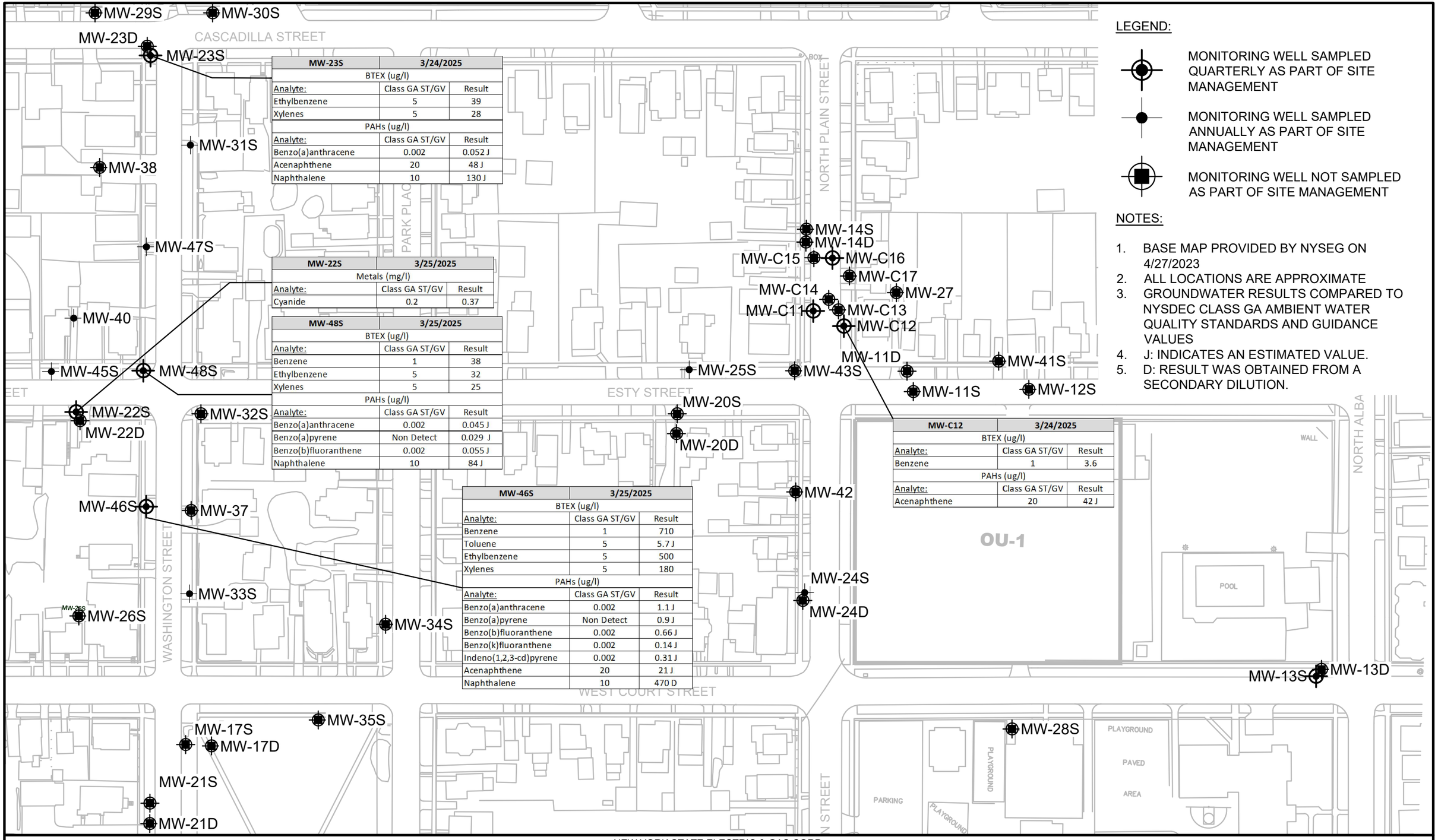

MW-23S	3/24/2025	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Ethylbenzene	5	39
Xylenes	5	28
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.052 J
Acenaphthene	20	48 J
Naphthalene	10	130 J

MW-22S	3/25/2025	
Metals (mg/l)		
Analyte:	Class GA ST/GV	Result
Cyanide	0.2	0.37

MW-48S	3/25/2025	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	38
Ethylbenzene	5	32
Xylenes	5	25
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.045 J
Benzo(a)pyrene	Non Detect	0.029 J
Benzo(b)fluoranthene	0.002	0.055 J
Naphthalene	10	84 J

MW-46S	3/25/2025	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	710
Toluene	5	5.7 J
Ethylbenzene	5	500
Xylenes	5	180
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	1.1 J
Benzo(a)pyrene	Non Detect	0.9 J
Benzo(b)fluoranthene	0.002	0.66 J
Benzo(k)fluoranthene	0.002	0.14 J
Indeno(1,2,3-cd)pyrene	0.002	0.31 J
Acenaphthene	20	21 J
Naphthalene	10	470 D

MW-C12	3/24/2025	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	3.6
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Acenaphthene	20	42 J

LEGEND:

- MONITORING WELL SAMPLED QUARTERLY AS PART OF SITE MANAGEMENT
- MONITORING WELL SAMPLED ANNUALLY AS PART OF SITE MANAGEMENT
- MONITORING WELL NOT SAMPLED AS PART OF SITE MANAGEMENT

NOTES:

1. BASE MAP PROVIDED BY NYSEG ON 4/27/2023
2. ALL LOCATIONS ARE APPROXIMATE
3. GROUNDWATER RESULTS COMPARED TO NYSDEC CLASS GA AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES
4. J: INDICATES AN ESTIMATED VALUE.
5. D: RESULT WAS OBTAINED FROM A SECONDARY DILUTION.

D&B ENGINEERS AND ARCHITECTS

NEW YORK STATE ELECTRIC & GAS CORP.
ITHACA COURT STREET FORMER MGP SITE
ITHACA, NEW YORK

SCALE: N.T.S.

1ST QUARTER 2025 GROUNDWATER ANALYTICAL EXCEEDANCES BTEX, PAHs, CYANIDE

FIGURE 3

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ATTACHMENTS

ATTACHMENT A

Photo Log

Photo Log – First Quarter 2025 (Q1 2025) Groundwater Monitoring Event

Ithaca Court Street Former MGP Site (Site No. 755008)
Operable Unit 1 and Operable Unit 2
Ithaca, New York

The well cover observed missing at MW-C16 on March 24, 2025.

The well cover replaced at MW-C16 on March 25, 2025.

Photo Log – First Quarter 2025 (Q1 2025) Groundwater Monitoring Event

Ithaca Court Street Former MGP Site (Site No. 755008)
Operable Unit 1 and Operable Unit 2
Ithaca, New York

Staining on oil/water interface probe tape at monitoring well MW-46S.

ATTACHMENT B

Groundwater Sampling Records

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE March 24, 2025

WELL ID: **MW-C11** Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 5.27
Depth of Well (feet from top of casing/riser)..... 15.19

Depth to 10 / 15 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable	
Peri Pump		Bladder Pump	
(low flow)	X	(Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	9.92 ft. of water x 0.16 =	1.59	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 1.5 gal. >3 volumes: yes ___ no X purged dry? yes ___ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1150	~150ml/m	5.64	7.17	9.47	5.07	109	3.52	-74
1155		5.75	7.09	9.71	5.11	76.3	0.47	-84
1200		5.79	7.09	9.75	5.12	62.0	0.34	-86
1205		5.80	7.09	9.79	5.11	46.7	0.28	-87
1210		5.80	7.09	9.76	5.02	27.2	0.27	-91
1215		5.86	7.10	9.74	4.97	23.7	0.31	-93
1220		5.80	7.10	9.73	4.96	23.2	0.31	-93
1225		5.80	7.11	9.73	4.95	22.1	0.29	-94
1230								

Purge Volume: Purging Time:
Purge Rate (gph): 2.5gph

Sampling
Time of Sample Collection: 1225

Method:

___	Stainless steel bailer
___	Teflon bailer
___	Disp. Bladder Pump
___	Disposable bailer
X	Dedicated tubing

Analyses:

X	BTEX (8260C)
X	PAHs - 16 Priority Pollutants (8270E)
X	Select Site Specific PAHs (8270E SIM)
X	Total Cyanide (9012B)

Metal Riser - water in annular space (below J-plug) removed before Sampling

Observations

Well Observations: Good: Yes / No* One of two taps missing
Weather/Temperature: Overcast, 15-30 mph S, 48°F
Sample description: Clear
Free Product? yes ___ no X describe
Sheen? yes ___ no X describe
Odor? yes X no ___ describe Slight Sewage like Odor

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE March 24, 2025

WELL ID: **MW-C12** Time On-site: Time Off-site:

SAMPLERS: GSS

Initial static water level (feet from top of casing/riser)..... 5.90
Depth of Well (feet from top of casing/riser)..... 17.20

Depth to 10 / 15 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable Bladder Pump (Low Flow)	
Peri Pump (low flow)	X		

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	11.3 ft. of water x 0.16 =	1.81	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 1.5 gal. >3 volumes: yes ____ no X purged dry? yes ____ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1250		6.37	7.54	10.18	1.23	25.6	3.06	-26
1255		6.37	7.40	10.26	1.21	25.3	0.64	-24
1300		6.37	7.32	10.29	1.20	24.9	0.55	-28
1305		6.37	7.31	10.34	1.20	17.0	0.51	-34
1310		6.37	7.30	10.48	1.19	14.1	0.37	-38
1315		6.37	7.30	10.57	1.17	13.2	0.32	-50
1320		6.37	7.31	10.66	1.15	9.1	0.31	-64
1325		6.37	7.31	10.75	1.12	5.7	0.32	-73
1330		6.37	7.32	10.78	1.11	4.3	0.31	-73

Purge Volume: Purging Time:
Purge Rate (gph): 2gph

Sampling

Time of Sample Collection: 1330

Method:

____	Stainless steel bailer
____	Teflon bailer
____	Disp. Bladder Pump
____	Disposable bailer
X	Dedicated tubing

Analyses:

X	BTEX (8260C)
X	PAHs - 16 Priority Pollutants (8270E)
X	Select Site Specific PAHs (8270E SIM)
X	Total Cyanide (9012B)

Observations

Well Observations: Good: Yes / No*
Weather/Temperature: 50's + overcast, 15-30 mph SSW
Sample description: Clear
Free Product? yes ____ no X describe
Sheen? yes ____ no X describe
Odor? yes ____ no X describe

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE March 24, 2025

WELL ID: MW-C16 Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 5.58
Depth of Well (feet from top of casing/riser)..... 15.81

Depth to 9 / 14 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
Peri Pump (low flow)	X	Disposable Bladder Pump (Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	10.23 ft. of water x 0.16 =	1.64	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 1.75 gal. >3 volumes: yes ____ no X purged dry? yes ____ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1020	215	6.13	6.37	9.03	3.59	178	3.39	3
1025		7.00	6.93	9.58	3.48	70.5	0.56	-24
1030		7.59	7.00	9.60	3.47	47.9	0.45	-54
1035		8.00	7.03	9.64	3.46	41.8	0.37	-58
1040		8.35	7.05	9.70	3.45	34.1	0.31	-62
1045		8.52	7.06	9.73	3.43	29.3	0.27	-67
1050		8.86	7.07	9.75	3.40	22.1	0.26	-79
1055		9.02	7.08	9.75	3.36	15.0	0.23	-91
1100		9.14	7.09	9.73	3.34	10.6	0.21	-102
1105		9.24	7.10	9.73	3.30	7.9	0.22	-108
1110		9.31	7.10	9.74	3.29	5.0	0.22	-112

Purge Volume: Purging Time:
Purge Rate (gph): 1.9 gph

Sampling

Time of Sample Collection: 1110

Method:		Analyses:	
	Stainless steel bailer	X	BTEX (8260C)
	Teflon bailer	X	PAHs - 16 Priority Pollutants (8270E)
	Disp. Bladder Pump	X	Select Site Specific PAHs (8270E SIM)
	Disposable bailer	X	Total Cyanide (9012B)
X	Dedicated tubing		

Observations

Well Observations: Good: Yes (No*) Missing Well Cover (in Road) Concrete Pad Cracked 3 tabs intact
Weather/Temperature: Overcast 13-30mph South, 40°F
Sample description: Clear
Free Product? yes ____ no X describe
Sheen? yes ____ no X describe
Odor? yes X no ____ describe Slight Swamp like odor

*If no, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE: Ithaca Court Street Former MGP Site (755008), Ithaca, New York
DATE: March 24, 2025

WELL ID: **MW-13S**
Time On-site: ______
Time Off-site: ______
SAMPLERS: GJ

Initial static water level (feet from top of casing/riser)........ 6.57
Depth of Well (feet from top of casing/riser)........ 14.39
Depth to 7 / 20 of screen (top / bottom)

Purging Method

Airlift
Centrifugal
Bailer ___
Pos. Displ. ___
Disposable Bladder Pump (Low Flow) ___
Peri Pump (low flow) X

Well Volume Calculation:

1 in casing ___ ft. of water x 0.04 = ___ gallons
2 in. casing: 7.82 ft. of water x 0.16 = 1.25 gallons
3 in. casing: ___ ft. of water x 0.37 = ___ gallons
4 in. casing: ___ ft. of water x 0.65 = ___ gallons
5 in. casing: ___ ft. of water x 1.02 = ___ gallons
6 in. casing: ___ ft. of water x 1.47 = ___ gallons

volume of water removed: 2 gal.
>3 volumes: yes ___ no X
purged dry? yes ___ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1430		6.66	7.36	11.78	2.23	38.8	3.55	41
1435		6.62	7.34	10.85	2.22	23.7	2.15	47
1440		6.62	7.32	10.57	2.20	13.7	1.85	53
1445		6.63	7.32	10.32	2.17	8.3	1.67	59
1450		6.63	7.31	10.36	2.15	6.2	1.49	63
1455		6.63	7.31	10.36	2.12	4.2	1.37	66
1500		6.63	7.31	10.29	2.08	2.1	1.18	67
1505		6.63	7.30	10.30	2.05	1.5	1.03	67
1510		6.63	7.30	10.33	2.05	0.5	0.90	68

Purge Volume: 2.7 gal
Purging Time:
Purge Rate (gph):

Horiba kept getting stuck in setting. Root-like rods coming up through tubing. Cleaned cell & resumed.

Sampling

Time of Sample Collection: 1510

Method:
___ Stainless steel bailer
___ Teflon bailer
___ Disp. Bladder Pump
___ Disposable bailer
X Dedicated tubing

Analyses:
X BTEX (8260C)
X PAHs - 16 Priority Pollutants (8270E)
X Select Site Specific PAHs (8270E SIM)
X Total Cyanide (9012B)

MS/MSD

Observations

Well Observations: Good: Yes / No*
Weather/Temperature: 55°F Sunny 15-30 SSW
Sample description: Clear
Free Product? yes ___ no X describe ___
Sheen? yes ___ no X describe ___
Odor? yes ___ no X describe ___

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE March 25, 2025

WELL ID: **MW-22S** Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 3.72
Depth of Well (feet from top of casing/riser)..... 13.56

Depth to 4 / 14 of screen (top / bottom)

Purging Method

Airlift	___	Centrifugal	___
Bailer	___	Pos. Displ.	___
		Disposable	
Peri Pump		Bladder Pump	
(low flow)	X	(Low Flow)	___

Well Volume Calculation:

1 in casing	___ ft. of water x 0.04 =	___	gallons
2 in. casing:	9.84 ft. of water x 0.16 =	1.57	gallons
3 in. casing:	___ ft. of water x 0.37 =	___	gallons
4 in. casing:	___ ft. of water x 0.65 =	___	gallons
5 in. casing:	___ ft. of water x 1.02 =	___	gallons
6 in. casing:	___ ft. of water x 1.47 =	___	gallons

volume of water removed: 1 gal. >3 volumes: yes ___ no X purged dry? yes ___ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1625		3.93	6.96	7.41	0.650	0.0	6.05	173
1630		3.93	6.92	7.53	0.653	0.0	5.38	208
1035		3.96	6.90	7.58	0.653	0.0	5.22	221
1040		3.98	6.88	7.61	0.654	0.0	5.15	226
1045		4.02	6.89	7.66	0.655	0.0	5.11	232
1050								
1055								

Purge Volume: Purging Time:
Purge Rate (gph): 2gph

Sampling

Time of Sample Collection: 1050

Method:		Analyses:	
___	Stainless steel bailer	X	BTEX (8260C)
___	Teflon bailer	X	PAHs - 16 Priority Pollutants (8270E)
___	Disp. Bladder Pump	X	Select Site Specific PAHs (8270E SIM)
___	Disposable bailer	X	Total Cyanide (9012B)
X	Dedicated tubing	___	

Observations

Well Observations: Good: Yes / No*
Weather/Temperature: overcast 37°F 12-22 West
Sample description: Clear
Free Product? yes ___ no X describe
Sheen? yes ___ no X describe
Odor? yes ___ no X describe

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE March 24, 2025

WELL ID: **MW-23S** Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 6.33
Depth of Well (feet from top of casing/riser)..... 13.65

Depth to 4 / 14 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable	
Peri Pump (low flow)	X	Bladder Pump (Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	7.32 ft. of water x 0.16 =	1.17	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 1.5 gal. >3 volumes: yes ___ no X purged dry? yes ___ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1600	150	6.33	7.61	11.25	1.08	18.5	6.43	-64
1605		6.33	7.13	9.48	1.15	9.5	0.41	-69
1610		6.33	7.05	9.07	1.18	5.8	0.28	-70
1615		6.33	7.00	9.00	1.20	3.3	0.23	-67
1620		6.33	6.99	8.90	1.21	1.8	0.22	-66
1625		6.33	6.98	8.86	1.22	1.1	0.21	-64
1630								

Purge Volume: 3 gph Purging Time:
Purge Rate (gph):

DUP-1_202503

Sampling

Time of Sample Collection: 1625

Method:		Analyses:	
___	Stainless steel bailer	X	BTEX (8260C)
___	Teflon bailer	X	PAHs - 16 Priority Pollutants (8270E)
___	Disp. Bladder Pump	X	Select Site Specific PAHs (8270E SIM)
___	Disposable bailer	X	Total Cyanide (9012B)
X	Dedicated tubing	___	

Observations

Well Observations: Good: Yes / No*
Weather/Temperature: P. Sunny 55°F, 10-25mph SSE
Sample description: Clear
Free Product? yes ___ no X describe
Sheen? yes ___ no X describe
Odor? yes X no ___ describe Slight naphthalene odor

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE March 25, 2025

WELL ID: **MW-46S** Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 4.05
Depth of Well (feet from top of casing/riser)..... 16.87

Depth to 8 / 18 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable Bladder Pump	
Peri Pump (low flow)	X	(Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	12.82 ft. of water x 0.16 =	2.05	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 1.25 gal. >3 volumes: yes ____ no X purged dry? yes ____ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1145		4.24	7.11	8.27	0.836	36.4	2.94	-56
1150		4.27	7.09	8.40	0.835	29.2	0.66	-76
1155		4.29	7.10	8.38	0.844	19.2	0.46	-82
1200		4.30	7.10	8.41	0.849	15.7	0.38	-86
1205		4.32	7.10	8.41	0.858	11.9	0.33	-90
1210		4.31	7.10	8.38	0.860	10.9	0.18	-92
1215		4.31	7.09	8.38	0.869	10.6	0.10	-94
1220		4.31	7.08	8.39	0.873	9.0	0.16	-95

Purge Volume: Purging Time:
Purge Rate (gph): 1.9 gph

Sampling
Time of Sample Collection: 1220

Method:
- ____ Stainless steel bailer
- ____ Teflon bailer
- ____ Disp. Bladder Pump
- ____ Disposable bailer
- X Dedicated tubing

Analyses:
- X BTEX (8260C)
- X PAHs - 16 Priority Pollutants (8270E)
- X Select Site Specific PAHs (8270E SIM)
- X Total Cyanide (9012B)

Observations
Well Observations: Good: Yes / No*
Weather/Temperature: 38°F overcast 10-25mph Gusts
Sample description: Clear
Free Product? yes ____ no X describe
Sheen? yes ____ no X describe
Odor? yes X no ____ describe Slight Naphthalene odor

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE March 25, 2025

WELL ID: **MW-48S** Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 3.80
Depth of Well (feet from top of casing/riser)..... 13.47

Depth to 4 / 14 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable	
Peri Pump		Bladder Pump	
(low flow)	X	(Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	9.67 ft. of water x 0.16 =	1.55	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 1.25 gal. >3 volumes: yes ___ no X purged dry? yes ___ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
0845	~150	4.11	7.15	7.53	1.89	3.0	4.94	-98
0855		4.19	7.14	7.90	2.06	2.5	1.02	-103
0900		4.13	7.12	8.10	2.31	1.5	0.49	-107
0905		4.13	7.13	8.15	2.53	0.0	0.35	-109
0910		4.16	7.14	8.22	2.70	0.0	0.26	-111
0915		4.16	7.16	8.26	2.78	1.1	0.21	-112
0920		4.16	7.18	8.29	2.85	0.0	0.18	-113
0925		4.16	7.19	8.28	2.88	0.0	0.17	-113
0930		4.16	7.19	8.28	2.92	0.0	0.17	-114

Purge Volume: Purging Time:
Purge Rate (gph): 1.7 gpm

Sampling

Time of Sample Collection: 0930

Method:

___	Stainless steel bailer
___	Teflon bailer
___	Disp. Bladder Pump
___	Disposable bailer
X	Dedicated tubing

Analyses:

X	BTEX (8260C)
X	PAHs - 16 Priority Pollutants (8270E)
X	Select Site Specific PAHs (8270E SIM)
X	Total Cyanide (9012B)
___	

Observations

Well Observations: Good: Yes / No*
Weather/Temperature: Overcast, Light Snow 10-15mph W, 36°F
Sample description:
Free Product? yes ___ no X describe
Sheen? yes ___ no X describe
Odor? yes X no ___ describe Slight Naphthalene Odor

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

ATTACHMENT C

Laboratory Analytical Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Gunther Schnorr
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JOB DESCRIPTION

NYSEG - Court Street OMM

JOB NUMBER

480-228193-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Eurofins Buffalo

Job Notes

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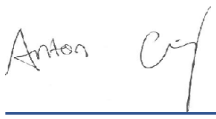

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Definitions/Glossary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
480-228193-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/26/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.6°C, 1.9°C and 2.4°C.

GC/MS VOA
Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-46S_20250325 (480-228193-7). Elevated reporting limits (RLs) are provided.

Method 8260C: Surrogate recovery for the following sample was outside the upper control limit: TRIPS_022503 (480-228193-10). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Client Sample ID: MW-C11_20250324 — Lab Sample ID: 480-228193-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.019		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C12_20250324 — Lab Sample ID: 480-228193-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.6		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	1.8		1.0	0.74	ug/L	1		8260C	Total/NA
o-Xylene	1.1		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	1.1	J	2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	6.5		2.0	1.0	ug/L	1		8260C	Total/NA
Acenaphthene	42		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	5.2	J	10	0.91	ug/L	1		8270E	Total/NA
Cyanide, Total	0.013		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C16_20250324 — Lab Sample ID: 480-228193-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	7.9	J	10	1.1	ug/L	1		8270E	Total/NA
Cyanide, Total	0.0047	J	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-13S_20250324 — Lab Sample ID: 480-228193-4

No Detections.

Client Sample ID: MW-22S_20250325 — Lab Sample ID: 480-228193-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.37		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-23S_20250324 — Lab Sample ID: 480-228193-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.78	J	1.0	0.41	ug/L	1		8260C	Total/NA
Toluene	1.3		1.0	0.51	ug/L	1		8260C	Total/NA
Ethylbenzene	39		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	7.1		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	21		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	28		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	69		2.0	1.0	ug/L	1		8260C	Total/NA
Benzo[a]anthracene	0.052		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	48		10	1.1	ug/L	1		8270E	Total/NA
Anthracene	2.9	J	10	1.3	ug/L	1		8270E	Total/NA
Fluoranthene	0.89	J	10	0.84	ug/L	1		8270E	Total/NA
Fluorene	14		10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	130		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	13		10	1.3	ug/L	1		8270E	Total/NA
Cyanide, Total	0.0051	J	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-46S_20250325 — Lab Sample ID: 480-228193-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	710		10	4.1	ug/L	10		8260C	Total/NA
Toluene	5.7	J	10	5.1	ug/L	10		8260C	Total/NA
Ethylbenzene	500		10	7.4	ug/L	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: MW-46S_20250325 (Continued) — Lab Sample ID: 480-228193-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	49		20	6.6	ug/L	10		8260C	Total/NA
o-Xylene	130		10	7.6	ug/L	10		8260C	Total/NA
Xylenes, Total	180		20	6.6	ug/L	10		8260C	Total/NA
Total BTEX	1400		20	10	ug/L	10		8260C	Total/NA
Benzo[a]anthracene	1.1		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Benzo[a]pyrene	0.90		0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	0.66		0.050	0.024	ug/L	1		8270E SIM	Total/NA
Benzo[g,h,i]perylene	0.28		0.050	0.035	ug/L	1		8270E SIM	Total/NA
Benzo[k]fluoranthene	0.14		0.050	0.028	ug/L	1		8270E SIM	Total/NA
Dibenz(a,h)anthracene	0.10		0.050	0.020	ug/L	1		8270E SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.31		0.050	0.036	ug/L	1		8270E SIM	Total/NA
Acenaphthene	21		10	1.1	ug/L	1		8270E	Total/NA
Acenaphthylene	0.98	J	10	0.82	ug/L	1		8270E	Total/NA
Anthracene	1.3	J	10	1.3	ug/L	1		8270E	Total/NA
Fluoranthene	1.1	J	10	0.84	ug/L	1		8270E	Total/NA
Fluorene	5.7	J	10	0.91	ug/L	1		8270E	Total/NA
Phenanthrene	5.6	J	10	1.3	ug/L	1		8270E	Total/NA
Pyrene	2.1	J	10	1.6	ug/L	1		8270E	Total/NA
Naphthalene - DL	470		20	5.4	ug/L	10		8270E	Total/NA

Client Sample ID: MW-48S_20250325 — Lab Sample ID: 480-228193-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	38		1.0	0.41	ug/L	1		8260C	Total/NA
Toluene	0.61	J	1.0	0.51	ug/L	1		8260C	Total/NA
Ethylbenzene	32		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	6.2		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	19		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	25		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	96		2.0	1.0	ug/L	1		8260C	Total/NA
Benzo[a]anthracene	0.045	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Benzo[a]pyrene	0.029	J	0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	0.055		0.050	0.024	ug/L	1		8270E SIM	Total/NA
Acenaphthene	18		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	1.9	J	10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	84		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	2.6	J	10	1.3	ug/L	1		8270E	Total/NA

Client Sample ID: DUP-1_202503 — Lab Sample ID: 480-228193-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.82	J	1.0	0.41	ug/L	1		8260C	Total/NA
Toluene	1.2		1.0	0.51	ug/L	1		8260C	Total/NA
Ethylbenzene	39		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	7.1		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	22		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	29		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	70		2.0	1.0	ug/L	1		8260C	Total/NA
Benzo[a]anthracene	0.065		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	51		10	1.1	ug/L	1		8270E	Total/NA
Anthracene	3.0	J	10	1.3	ug/L	1		8270E	Total/NA
Fluoranthene	1.0	J	10	0.84	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-1_202503 (Continued)

Lab Sample ID: 480-228193-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	14		10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	140		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	14		10	1.3	ug/L	1		8270E	Total/NA
Cyanide, Total	0.0055	J F1 B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: TRIPS_022503

Lab Sample ID: 480-228193-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-C11_20250324

Date Collected: 03/24/25 12:25
Date Received: 03/26/25 09:30

Lab Sample ID: 480-228193-1

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			03/28/25 03:21	1
Toluene	1.0	U	1.0	0.51	ug/L			03/28/25 03:21	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			03/28/25 03:21	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			03/28/25 03:21	1
o-Xylene	1.0	U	1.0	0.76	ug/L			03/28/25 03:21	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			03/28/25 03:21	1
Total BTEX	2.0	U	2.0	1.0	ug/L			03/28/25 03:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/28/25 03:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*03/28/25 03:21*	*1*
4-Bromofluorobenzene (Surr)	*120*		*73 - 120*		*03/28/25 03:21*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*03/28/25 03:21*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		03/31/25 11:12	03/31/25 20:08	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		03/31/25 11:12	03/31/25 20:08	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		03/31/25 11:12	03/31/25 20:08	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		03/31/25 11:12	03/31/25 20:08	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		03/31/25 11:12	03/31/25 20:08	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		03/31/25 11:12	03/31/25 20:08	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		03/31/25 11:12	03/31/25 20:08	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		03/31/25 11:12	04/01/25 02:16	1
Acenaphthylene	10	U	10	0.82	ug/L		03/31/25 11:12	04/01/25 02:16	1
Anthracene	10	U	10	1.3	ug/L		03/31/25 11:12	04/01/25 02:16	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/31/25 11:12	04/01/25 02:16	1
Fluoranthene	10	U	10	0.84	ug/L		03/31/25 11:12	04/01/25 02:16	1
Fluorene	10	U	10	0.91	ug/L		03/31/25 11:12	04/01/25 02:16	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/31/25 11:12	04/01/25 02:16	1
Phenanthrene	10	U	10	1.3	ug/L		03/31/25 11:12	04/01/25 02:16	1
Pyrene	10	U	10	1.6	ug/L		03/31/25 11:12	04/01/25 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*46 - 139*	*03/31/25 11:12*	*04/01/25 02:16*	*1*
Nitrobenzene-d5 (Surr)	*95*		*51 - 145*	*03/31/25 11:12*	*04/01/25 02:16*	*1*
Terphenyl-d14 (Surr)	*73*		*13 - 159*	*03/31/25 11:12*	*04/01/25 02:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.019**		0.010	0.0041	mg/L			04/01/25 16:48	1

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Client Sample ID: MW-C12_20250324

Date Collected: 03/24/25 13:30
Date Received: 03/26/25 09:30

Lab Sample ID: 480-228193-2

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3.6**		1.0	0.41	ug/L			03/28/25 03:44	1
Toluene	1.0	U	1.0	0.51	ug/L			03/28/25 03:44	1
Ethylbenzene	**1.8**		1.0	0.74	ug/L			03/28/25 03:44	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			03/28/25 03:44	1
o-Xylene	**1.1**		1.0	0.76	ug/L			03/28/25 03:44	1
Xylenes, Total	**1.1**	**J**	2.0	0.66	ug/L			03/28/25 03:44	1
Total BTEX	**6.5**		2.0	1.0	ug/L			03/28/25 03:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/28/25 03:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*03/28/25 03:44*	*1*
4-Bromofluorobenzene (Surr)	*118*		*73 - 120*		*03/28/25 03:44*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*03/28/25 03:44*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		03/28/25 13:05	03/29/25 16:28	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		03/28/25 13:05	03/29/25 16:28	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		03/28/25 13:05	03/29/25 16:28	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		03/28/25 13:05	03/29/25 16:28	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		03/28/25 13:05	03/29/25 16:28	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		03/28/25 13:05	03/29/25 16:28	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		03/28/25 13:05	03/29/25 16:28	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**42**		10	1.1	ug/L		03/28/25 13:05	03/30/25 13:38	1
Acenaphthylene	10	U	10	0.82	ug/L		03/28/25 13:05	03/30/25 13:38	1
Anthracene	10	U	10	1.3	ug/L		03/28/25 13:05	03/30/25 13:38	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/28/25 13:05	03/30/25 13:38	1
Fluoranthene	10	U	10	0.84	ug/L		03/28/25 13:05	03/30/25 13:38	1
Fluorene	**5.2**	**J**	10	0.91	ug/L		03/28/25 13:05	03/30/25 13:38	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/28/25 13:05	03/30/25 13:38	1
Phenanthrene	10	U	10	1.3	ug/L		03/28/25 13:05	03/30/25 13:38	1
Pyrene	10	U	10	1.6	ug/L		03/28/25 13:05	03/30/25 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*46 - 139*	*03/28/25 13:05*	*03/30/25 13:38*	*1*
Nitrobenzene-d5 (Surr)	*82*		*51 - 145*	*03/28/25 13:05*	*03/30/25 13:38*	*1*
Terphenyl-d14 (Surr)	*60*		*13 - 159*	*03/28/25 13:05*	*03/30/25 13:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.013**		0.010	0.0041	mg/L			04/01/25 16:52	1

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Client Sample ID: MW-C16_20250324

Date Collected: 03/24/25 11:10
Date Received: 03/26/25 09:30

Lab Sample ID: 480-228193-3

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			03/28/25 04:07	1
Toluene	1.0	U	1.0	0.51	ug/L			03/28/25 04:07	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			03/28/25 04:07	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			03/28/25 04:07	1
o-Xylene	1.0	U	1.0	0.76	ug/L			03/28/25 04:07	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			03/28/25 04:07	1
Total BTEX	2.0	U	2.0	1.0	ug/L			03/28/25 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/28/25 04:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*03/28/25 04:07*	*1*
4-Bromofluorobenzene (Surr)	*119*		*73 - 120*		*03/28/25 04:07*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*03/28/25 04:07*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		03/28/25 13:05	03/29/25 16:49	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		03/28/25 13:05	03/29/25 16:49	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		03/28/25 13:05	03/29/25 16:49	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		03/28/25 13:05	03/29/25 16:49	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		03/28/25 13:05	03/29/25 16:49	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		03/28/25 13:05	03/29/25 16:49	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		03/28/25 13:05	03/29/25 16:49	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**7.9**	**J**	10	1.1	ug/L		03/28/25 13:05	03/30/25 13:59	1
Acenaphthylene	10	U	10	0.82	ug/L		03/28/25 13:05	03/30/25 13:59	1
Anthracene	10	U	10	1.3	ug/L		03/28/25 13:05	03/30/25 13:59	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/28/25 13:05	03/30/25 13:59	1
Fluoranthene	10	U	10	0.84	ug/L		03/28/25 13:05	03/30/25 13:59	1
Fluorene	10	U	10	0.91	ug/L		03/28/25 13:05	03/30/25 13:59	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/28/25 13:05	03/30/25 13:59	1
Phenanthrene	10	U	10	1.3	ug/L		03/28/25 13:05	03/30/25 13:59	1
Pyrene	10	U	10	1.6	ug/L		03/28/25 13:05	03/30/25 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*46 - 139*	*03/28/25 13:05*	*03/30/25 13:59*	*1*
Nitrobenzene-d5 (Surr)	*84*		*51 - 145*	*03/28/25 13:05*	*03/30/25 13:59*	*1*
Terphenyl-d14 (Surr)	*44*		*13 - 159*	*03/28/25 13:05*	*03/30/25 13:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0047**	**J**	0.010	0.0041	mg/L			04/01/25 16:55	1

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Client Sample ID: MW-13S_20250324

Date Collected: 03/24/25 15:10
Date Received: 03/26/25 09:30

Lab Sample ID: 480-228193-4

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			03/28/25 04:30	1
Toluene	1.0	U	1.0	0.51	ug/L			03/28/25 04:30	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			03/28/25 04:30	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			03/28/25 04:30	1
o-Xylene	1.0	U	1.0	0.76	ug/L			03/28/25 04:30	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			03/28/25 04:30	1
Total BTEX	2.0	U	2.0	1.0	ug/L			03/28/25 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/28/25 04:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*03/28/25 04:30*	*1*
4-Bromofluorobenzene (Surr)	*117*		*73 - 120*		*03/28/25 04:30*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*03/28/25 04:30*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U F1	0.050	0.016	ug/L		03/28/25 13:05	03/29/25 18:53	1
Benzo[a]pyrene	0.050	U F1	0.050	0.022	ug/L		03/28/25 13:05	03/29/25 18:53	1
Benzo[b]fluoranthene	0.050	U F1	0.050	0.024	ug/L		03/28/25 13:05	03/29/25 18:53	1
Benzo[g,h,i]perylene	0.050	U F1	0.050	0.035	ug/L		03/28/25 13:05	03/29/25 18:53	1
Benzo[k]fluoranthene	0.050	U F1	0.050	0.028	ug/L		03/28/25 13:05	03/29/25 18:53	1
Dibenz(a,h)anthracene	0.050	U F1	0.050	0.020	ug/L		03/28/25 13:05	03/29/25 18:53	1
Indeno[1,2,3-cd]pyrene	0.050	U F1	0.050	0.036	ug/L		03/28/25 13:05	03/29/25 18:53	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U F1	10	1.1	ug/L		03/28/25 13:05	03/30/25 16:05	1
Acenaphthylene	10	U F1	10	0.82	ug/L		03/28/25 13:05	03/30/25 16:05	1
Anthracene	10	U F1	10	1.3	ug/L		03/28/25 13:05	03/30/25 16:05	1
Chrysene	2.0	U F1	2.0	0.91	ug/L		03/28/25 13:05	03/30/25 16:05	1
Fluoranthene	10	U	10	0.84	ug/L		03/28/25 13:05	03/30/25 16:05	1
Fluorene	10	U F1	10	0.91	ug/L		03/28/25 13:05	03/30/25 16:05	1
Naphthalene	2.0	U F1	2.0	0.54	ug/L		03/28/25 13:05	03/30/25 16:05	1
Phenanthrene	10	U F1	10	1.3	ug/L		03/28/25 13:05	03/30/25 16:05	1
Pyrene	10	U F1	10	1.6	ug/L		03/28/25 13:05	03/30/25 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*46 - 139*	*03/28/25 13:05*	*03/30/25 16:05*	*1*
Nitrobenzene-d5 (Surr)	*81*		*51 - 145*	*03/28/25 13:05*	*03/30/25 16:05*	*1*
Terphenyl-d14 (Surr)	*50*		*13 - 159*	*03/28/25 13:05*	*03/30/25 16:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			04/01/25 16:40	1

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Client Sample ID: MW-22S_20250325

Date Collected: 03/25/25 10:50
Date Received: 03/26/25 09:30

Lab Sample ID: 480-228193-5

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			03/28/25 04:54	1
Toluene	1.0	U	1.0	0.51	ug/L			03/28/25 04:54	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			03/28/25 04:54	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			03/28/25 04:54	1
o-Xylene	1.0	U	1.0	0.76	ug/L			03/28/25 04:54	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			03/28/25 04:54	1
Total BTEX	2.0	U	2.0	1.0	ug/L			03/28/25 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/28/25 04:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*03/28/25 04:54*	*1*
4-Bromofluorobenzene (Surr)	*118*		*73 - 120*		*03/28/25 04:54*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*03/28/25 04:54*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		03/28/25 13:05	03/29/25 17:09	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		03/28/25 13:05	03/29/25 17:09	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		03/28/25 13:05	03/29/25 17:09	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		03/28/25 13:05	03/29/25 17:09	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		03/28/25 13:05	03/29/25 17:09	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		03/28/25 13:05	03/29/25 17:09	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		03/28/25 13:05	03/29/25 17:09	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		03/28/25 13:05	03/30/25 14:20	1
Acenaphthylene	10	U	10	0.82	ug/L		03/28/25 13:05	03/30/25 14:20	1
Anthracene	10	U	10	1.3	ug/L		03/28/25 13:05	03/30/25 14:20	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/28/25 13:05	03/30/25 14:20	1
Fluoranthene	10	U	10	0.84	ug/L		03/28/25 13:05	03/30/25 14:20	1
Fluorene	10	U	10	0.91	ug/L		03/28/25 13:05	03/30/25 14:20	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/28/25 13:05	03/30/25 14:20	1
Phenanthrene	10	U	10	1.3	ug/L		03/28/25 13:05	03/30/25 14:20	1
Pyrene	10	U	10	1.6	ug/L		03/28/25 13:05	03/30/25 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*46 - 139*	*03/28/25 13:05*	*03/30/25 14:20*	*1*
Nitrobenzene-d5 (Surr)	*79*		*51 - 145*	*03/28/25 13:05*	*03/30/25 14:20*	*1*
Terphenyl-d14 (Surr)	*57*		*13 - 159*	*03/28/25 13:05*	*03/30/25 14:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.37**		0.010	0.0041	mg/L			04/01/25 16:59	1

Client Sample ID: MW-23S_20250324

Date Collected: 03/24/25 16:25
Date Received: 03/26/25 09:30

Lab Sample ID: 480-228193-6

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.78**	**J**	1.0	0.41	ug/L			03/28/25 05:17	1
Toluene	**1.3**		1.0	0.51	ug/L			03/28/25 05:17	1
Ethylbenzene	**39**		1.0	0.74	ug/L			03/28/25 05:17	1
m-Xylene & p-Xylene	**7.1**		2.0	0.66	ug/L			03/28/25 05:17	1
o-Xylene	**21**		1.0	0.76	ug/L			03/28/25 05:17	1
Xylenes, Total	**28**		2.0	0.66	ug/L			03/28/25 05:17	1
Total BTEX	**69**		2.0	1.0	ug/L			03/28/25 05:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/28/25 05:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*03/28/25 05:17*	*1*
4-Bromofluorobenzene (Surr)	*117*		*73 - 120*		*03/28/25 05:17*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*03/28/25 05:17*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.052**		0.050	0.016	ug/L		03/28/25 13:05	03/29/25 17:30	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		03/28/25 13:05	03/29/25 17:30	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		03/28/25 13:05	03/29/25 17:30	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		03/28/25 13:05	03/29/25 17:30	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		03/28/25 13:05	03/29/25 17:30	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		03/28/25 13:05	03/29/25 17:30	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		03/28/25 13:05	03/29/25 17:30	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**48**		10	1.1	ug/L		03/28/25 13:05	03/30/25 14:41	1
Acenaphthylene	10	U	10	0.82	ug/L		03/28/25 13:05	03/30/25 14:41	1
Anthracene	**2.9**	**J**	10	1.3	ug/L		03/28/25 13:05	03/30/25 14:41	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/28/25 13:05	03/30/25 14:41	1
Fluoranthene	**0.89**	**J**	10	0.84	ug/L		03/28/25 13:05	03/30/25 14:41	1
Fluorene	**14**		10	0.91	ug/L		03/28/25 13:05	03/30/25 14:41	1
Naphthalene	**130**		2.0	0.54	ug/L		03/28/25 13:05	03/30/25 14:41	1
Phenanthrene	**13**		10	1.3	ug/L		03/28/25 13:05	03/30/25 14:41	1
Pyrene	10	U	10	1.6	ug/L		03/28/25 13:05	03/30/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*46 - 139*	*03/28/25 13:05*	*03/30/25 14:41*	*1*
Nitrobenzene-d5 (Surr)	*83*		*51 - 145*	*03/28/25 13:05*	*03/30/25 14:41*	*1*
Terphenyl-d14 (Surr)	*52*		*13 - 159*	*03/28/25 13:05*	*03/30/25 14:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0051**	**J**	0.010	0.0041	mg/L			04/01/25 17:02	1

Client Sample ID: MW-46S_20250325

Lab Sample ID: 480-228193-7

Date Collected: 03/25/25 12:20

Matrix: Water

Date Received: 03/26/25 09:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	710		10	4.1	ug/L			03/28/25 05:40	10
Toluene	5.7	J	10	5.1	ug/L			03/28/25 05:40	10
Ethylbenzene	500		10	7.4	ug/L			03/28/25 05:40	10
m-Xylene & p-Xylene	49		20	6.6	ug/L			03/28/25 05:40	10
o-Xylene	130		10	7.6	ug/L			03/28/25 05:40	10
Xylenes, Total	180		20	6.6	ug/L			03/28/25 05:40	10
Total BTEX	1400		20	10	ug/L			03/28/25 05:40	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/28/25 05:40*	*10*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*03/28/25 05:40*	*10*
4-Bromofluorobenzene (Surr)	*117*		*73 - 120*		*03/28/25 05:40*	*10*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*03/28/25 05:40*	*10*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	1.1		0.050	0.016	ug/L		03/28/25 13:05	03/29/25 17:51	1
Benzo[a]pyrene	0.90		0.050	0.022	ug/L		03/28/25 13:05	03/29/25 17:51	1
Benzo[b]fluoranthene	0.66		0.050	0.024	ug/L		03/28/25 13:05	03/29/25 17:51	1
Benzo[g,h,i]perylene	0.28		0.050	0.035	ug/L		03/28/25 13:05	03/29/25 17:51	1
Benzo[k]fluoranthene	0.14		0.050	0.028	ug/L		03/28/25 13:05	03/29/25 17:51	1
Dibenz(a,h)anthracene	0.10		0.050	0.020	ug/L		03/28/25 13:05	03/29/25 17:51	1
Indeno[1,2,3-cd]pyrene	0.31		0.050	0.036	ug/L		03/28/25 13:05	03/29/25 17:51	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	21		10	1.1	ug/L		03/28/25 13:05	03/30/25 15:02	1
Acenaphthylene	0.98	J	10	0.82	ug/L		03/28/25 13:05	03/30/25 15:02	1
Anthracene	1.3	J	10	1.3	ug/L		03/28/25 13:05	03/30/25 15:02	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/28/25 13:05	03/30/25 15:02	1
Fluoranthene	1.1	J	10	0.84	ug/L		03/28/25 13:05	03/30/25 15:02	1
Fluorene	5.7	J	10	0.91	ug/L		03/28/25 13:05	03/30/25 15:02	1
Phenanthrene	5.6	J	10	1.3	ug/L		03/28/25 13:05	03/30/25 15:02	1
Pyrene	2.1	J	10	1.6	ug/L		03/28/25 13:05	03/30/25 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*46 - 139*	*03/28/25 13:05*	*03/30/25 15:02*	*1*
Nitrobenzene-d5 (Surr)	*80*		*51 - 145*	*03/28/25 13:05*	*03/30/25 15:02*	*1*
Terphenyl-d14 (Surr)	*45*		*13 - 159*	*03/28/25 13:05*	*03/30/25 15:02*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	470		20	5.4	ug/L		03/28/25 13:05	03/31/25 15:05	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*99*		*46 - 139*	*03/28/25 13:05*	*03/31/25 15:05*	*10*
Nitrobenzene-d5 (Surr)	*107*		*51 - 145*	*03/28/25 13:05*	*03/31/25 15:05*	*10*
Terphenyl-d14 (Surr)	*57*		*13 - 159*	*03/28/25 13:05*	*03/31/25 15:05*	*10*

Client Sample ID: MW-46S_20250325

Lab Sample ID: 480-228193-7

Date Collected: 03/25/25 12:20

Matrix: Water

Date Received: 03/26/25 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			04/01/25 17:05	1

Client Sample ID: MW-48S_20250325

Lab Sample ID: 480-228193-8

Date Collected: 03/25/25 09:30

Matrix: Water

Date Received: 03/26/25 09:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**38**		1.0	0.41	ug/L			03/28/25 06:04	1
Toluene	**0.61**	**J**	1.0	0.51	ug/L			03/28/25 06:04	1
Ethylbenzene	**32**		1.0	0.74	ug/L			03/28/25 06:04	1
m-Xylene & p-Xylene	**6.2**		2.0	0.66	ug/L			03/28/25 06:04	1
o-Xylene	**19**		1.0	0.76	ug/L			03/28/25 06:04	1
Xylenes, Total	**25**		2.0	0.66	ug/L			03/28/25 06:04	1
Total BTEX	**96**		2.0	1.0	ug/L			03/28/25 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/28/25 06:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*03/28/25 06:04*	*1*
4-Bromofluorobenzene (Surr)	*117*		*73 - 120*		*03/28/25 06:04*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*03/28/25 06:04*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.045**	**J**	0.050	0.016	ug/L		03/28/25 13:05	03/29/25 18:12	1
Benzo[a]pyrene	**0.029**	**J**	0.050	0.022	ug/L		03/28/25 13:05	03/29/25 18:12	1
Benzo[b]fluoranthene	**0.055**		0.050	0.024	ug/L		03/28/25 13:05	03/29/25 18:12	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		03/28/25 13:05	03/29/25 18:12	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		03/28/25 13:05	03/29/25 18:12	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		03/28/25 13:05	03/29/25 18:12	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		03/28/25 13:05	03/29/25 18:12	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**18**		10	1.1	ug/L		03/28/25 13:05	03/30/25 15:23	1
Acenaphthylene	10	U	10	0.82	ug/L		03/28/25 13:05	03/30/25 15:23	1
Anthracene	10	U	10	1.3	ug/L		03/28/25 13:05	03/30/25 15:23	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/28/25 13:05	03/30/25 15:23	1
Fluoranthene	10	U	10	0.84	ug/L		03/28/25 13:05	03/30/25 15:23	1
Fluorene	**1.9**	**J**	10	0.91	ug/L		03/28/25 13:05	03/30/25 15:23	1
Naphthalene	**84**		2.0	0.54	ug/L		03/28/25 13:05	03/30/25 15:23	1
Phenanthrene	**2.6**	**J**	10	1.3	ug/L		03/28/25 13:05	03/30/25 15:23	1
Pyrene	10	U	10	1.6	ug/L		03/28/25 13:05	03/30/25 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*46 - 139*	*03/28/25 13:05*	*03/30/25 15:23*	*1*
Nitrobenzene-d5 (Surr)	*88*		*51 - 145*	*03/28/25 13:05*	*03/30/25 15:23*	*1*
Terphenyl-d14 (Surr)	*51*		*13 - 159*	*03/28/25 13:05*	*03/30/25 15:23*	*1*

Client Sample ID: MW-48S_20250325

Lab Sample ID: 480-228193-8

Date Collected: 03/25/25 09:30
Matrix: Water
Date Received: 03/26/25 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			04/01/25 17:08	1

Client Sample ID: DUP-1_202503

Lab Sample ID: 480-228193-9

Date Collected: 03/25/25 00:00
Matrix: Water
Date Received: 03/26/25 09:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.82**	**J**	1.0	0.41	ug/L			03/28/25 06:27	1
Toluene	**1.2**		1.0	0.51	ug/L			03/28/25 06:27	1
Ethylbenzene	**39**		1.0	0.74	ug/L			03/28/25 06:27	1
m-Xylene & p-Xylene	**7.1**		2.0	0.66	ug/L			03/28/25 06:27	1
o-Xylene	**22**		1.0	0.76	ug/L			03/28/25 06:27	1
Xylenes, Total	**29**		2.0	0.66	ug/L			03/28/25 06:27	1
Total BTEX	**70**		2.0	1.0	ug/L			03/28/25 06:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/28/25 06:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*03/28/25 06:27*	*1*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*		*03/28/25 06:27*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*03/28/25 06:27*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.065**		0.050	0.016	ug/L		03/28/25 13:05	03/29/25 18:33	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		03/28/25 13:05	03/29/25 18:33	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		03/28/25 13:05	03/29/25 18:33	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		03/28/25 13:05	03/29/25 18:33	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		03/28/25 13:05	03/29/25 18:33	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		03/28/25 13:05	03/29/25 18:33	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		03/28/25 13:05	03/29/25 18:33	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**51**		10	1.1	ug/L		03/28/25 13:05	03/30/25 15:44	1
Acenaphthylene	10	U	10	0.82	ug/L		03/28/25 13:05	03/30/25 15:44	1
Anthracene	**3.0**	**J**	10	1.3	ug/L		03/28/25 13:05	03/30/25 15:44	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/28/25 13:05	03/30/25 15:44	1
Fluoranthene	**1.0**	**J**	10	0.84	ug/L		03/28/25 13:05	03/30/25 15:44	1
Fluorene	**14**		10	0.91	ug/L		03/28/25 13:05	03/30/25 15:44	1
Naphthalene	**140**		2.0	0.54	ug/L		03/28/25 13:05	03/30/25 15:44	1
Phenanthrene	**14**		10	1.3	ug/L		03/28/25 13:05	03/30/25 15:44	1
Pyrene	10	U	10	1.6	ug/L		03/28/25 13:05	03/30/25 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*46 - 139*	*03/28/25 13:05*	*03/30/25 15:44*	*1*
Nitrobenzene-d5 (Surr)	*84*		*51 - 145*	*03/28/25 13:05*	*03/30/25 15:44*	*1*
Terphenyl-d14 (Surr)	*52*		*13 - 159*	*03/28/25 13:05*	*03/30/25 15:44*	*1*

Client Sample ID: DUP-1_202503

Lab Sample ID: 480-228193-9

Date Collected: 03/25/25 00:00

Matrix: Water

Date Received: 03/26/25 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.0055	J F1 B	0.010	0.0041	mg/L			04/01/25 17:32	1

Client Sample ID: TRIPS_022503

Lab Sample ID: 480-228193-10

Date Collected: 03/25/25 00:00

Matrix: Water

Date Received: 03/26/25 09:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			03/28/25 06:51	1
Toluene	1.0	U	1.0	0.51	ug/L			03/28/25 06:51	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			03/28/25 06:51	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			03/28/25 06:51	1
o-Xylene	1.0	U	1.0	0.76	ug/L			03/28/25 06:51	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			03/28/25 06:51	1
Total BTEX	2.0	U	2.0	1.0	ug/L			03/28/25 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/28/25 06:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*03/28/25 06:51*	*1*
4-Bromofluorobenzene (Surr)	*120*		*73 - 120*		*03/28/25 06:51*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*03/28/25 06:51*	*1*

Surrogate Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-228193-1	MW-C11_20250324	98	98	120	107
480-228193-2	MW-C12_20250324	97	101	118	107
480-228193-3	MW-C16_20250324	97	101	119	108
480-228193-4	MW-13S_20250324	97	101	117	105
480-228193-4 MS	MW-13S_20250324 MS	101	99	116	108
480-228193-4 MSD	MW-13S_20250324 MSD	90	84	105	94
480-228193-5	MW-22S_20250325	99	101	118	108
480-228193-6	MW-23S_20250324	99	100	117	107
480-228193-7	MW-46S_20250325	100	101	117	106
480-228193-8	MW-48S_20250325	99	100	117	105
480-228193-9	DUP-1_202503	97	101	115	108
480-228193-10	TRIPS_022503	99	100	120	105
LCS 480-741931/6	Lab Control Sample	101	99	117	106
MB 480-741931/8	Method Blank	97	100	119	107

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(46-139)	(51-145)	(13-159)
480-228193-1	MW-C11_20250324	93	95	73
480-228193-2	MW-C12_20250324	75	82	60
480-228193-3	MW-C16_20250324	77	84	44
480-228193-4	MW-13S_20250324	74	81	50
480-228193-4 MS	MW-13S_20250324 MS	82	87	65
480-228193-4 MSD	MW-13S_20250324 MSD	75	81	49
480-228193-5	MW-22S_20250325	74	79	57
480-228193-6	MW-23S_20250324	76	83	52
480-228193-7	MW-46S_20250325	71	80	45
480-228193-7 - DL	MW-46S_20250325	99	107	57
480-228193-8	MW-48S_20250325	81	88	51
480-228193-9	DUP-1_202503	78	84	52
LCS 460-1028428/2-A	Lab Control Sample	89	97	61
LCS 460-1028872/2-A	Lab Control Sample	104	100	72
LCSD 460-1028428/3-A	Lab Control Sample Dup	88	97	61
LCSD 460-1028872/3-A	Lab Control Sample Dup	86	82	62
MB 460-1028428/1-A	Method Blank	84	93	59
MB 460-1028872/1-A	Method Blank	67	73	72

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-741931/8
Matrix: Water
Analysis Batch: 741931

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			03/28/25 01:25	1
Toluene	1.0	U	1.0	0.51	ug/L			03/28/25 01:25	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			03/28/25 01:25	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			03/28/25 01:25	1
o-Xylene	1.0	U	1.0	0.76	ug/L			03/28/25 01:25	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			03/28/25 01:25	1
Total BTEX	2.0	U	2.0	1.0	ug/L			03/28/25 01:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/28/25 01:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*03/28/25 01:25*	*1*
4-Bromofluorobenzene (Surr)	*119*		*73 - 120*		*03/28/25 01:25*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*03/28/25 01:25*	*1*

Lab Sample ID: LCS 480-741931/6
Matrix: Water
Analysis Batch: 741931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	25.0	25.8		ug/L		103	71 - 124
Toluene	25.0	24.7		ug/L		99	80 - 122
Ethylbenzene	25.0	26.5		ug/L		106	77 - 123
m-Xylene & p-Xylene	25.0	27.0		ug/L		108	76 - 122
o-Xylene	25.0	26.3		ug/L		105	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*117*		*73 - 120*
Dibromofluoromethane (Surr)	*106*		*75 - 123*

Lab Sample ID: 480-228193-4 MS
Matrix: Water
Analysis Batch: 741931

Client Sample ID: MW-13S_20250324 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.0	U	25.0	28.2		ug/L		113	71 - 124
Toluene	1.0	U	25.0	27.4		ug/L		110	80 - 122
Ethylbenzene	1.0	U	25.0	28.9		ug/L		115	77 - 123
m-Xylene & p-Xylene	2.0	U	25.0	29.6		ug/L		118	76 - 122
o-Xylene	1.0	U	25.0	28.8		ug/L		115	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*
Dibromofluoromethane (Surr)	*108*		*75 - 123*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-228193-4 MSD
Matrix: Water
Analysis Batch: 741931

Client Sample ID: MW-13S_20250324 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	1.0	U	25.0	28.0		ug/L		112	71 - 124	1	13
Toluene	1.0	U	25.0	27.3		ug/L		109	80 - 122	0	15
Ethylbenzene	1.0	U	25.0	29.5		ug/L		118	77 - 123	2	15
m-Xylene & p-Xylene	2.0	U	25.0	30.1		ug/L		121	76 - 122	2	16
o-Xylene	1.0	U	25.0	29.4		ug/L		117	76 - 122	2	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*90*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*84*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1028428/1-A
Matrix: Water
Analysis Batch: 1028473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1028428

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		03/28/25 13:05	03/28/25 20:56	1
Acenaphthylene	10	U	10	0.82	ug/L		03/28/25 13:05	03/28/25 20:56	1
Anthracene	10	U	10	1.3	ug/L		03/28/25 13:05	03/28/25 20:56	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/28/25 13:05	03/28/25 20:56	1
Fluoranthene	10	U	10	0.84	ug/L		03/28/25 13:05	03/28/25 20:56	1
Fluorene	10	U	10	0.91	ug/L		03/28/25 13:05	03/28/25 20:56	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/28/25 13:05	03/28/25 20:56	1
Phenanthrene	10	U	10	1.3	ug/L		03/28/25 13:05	03/28/25 20:56	1
Pyrene	10	U	10	1.6	ug/L		03/28/25 13:05	03/28/25 20:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*46 - 139*	*03/28/25 13:05*	*03/28/25 20:56*	*1*
Nitrobenzene-d5 (Surr)	*93*		*51 - 145*	*03/28/25 13:05*	*03/28/25 20:56*	*1*
Terphenyl-d14 (Surr)	*59*		*13 - 159*	*03/28/25 13:05*	*03/28/25 20:56*	*1*

Lab Sample ID: LCS 460-1028428/2-A
Matrix: Water
Analysis Batch: 1028473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1028428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	80.0	68.1		ug/L		85	62 - 127
Acenaphthylene	80.0	72.5		ug/L		91	58 - 122
Anthracene	80.0	67.0		ug/L		84	67 - 127
Chrysene	80.0	66.0		ug/L		82	70 - 132
Fluoranthene	80.0	67.8		ug/L		85	69 - 137
Fluorene	80.0	70.1		ug/L		88	67 - 125
Naphthalene	80.0	65.2		ug/L		82	39 - 126
Phenanthrene	80.0	64.8		ug/L		81	68 - 126
Pyrene	80.0	72.9		ug/L		91	60 - 137

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1028428/2-A
Matrix: Water
Analysis Batch: 1028473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1028428

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*89*		*46 - 139*
Nitrobenzene-d5 (Surr)	*97*		*51 - 145*
Terphenyl-d14 (Surr)	*61*		*13 - 159*

Lab Sample ID: LCSD 460-1028428/3-A
Matrix: Water
Analysis Batch: 1028473

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1028428

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			80.0	67.1		ug/L		84	62 - 127	2	30
Acenaphthylene			80.0	71.5		ug/L		89	58 - 122	1	30
Anthracene			80.0	68.0		ug/L		85	67 - 127	2	30
Chrysene			80.0	65.9		ug/L		82	70 - 132	0	30
Fluoranthene			80.0	68.5		ug/L		86	69 - 137	1	30
Fluorene			80.0	69.8		ug/L		87	67 - 125	0	30
Naphthalene			80.0	66.0		ug/L		82	39 - 126	1	30
Phenanthrene			80.0	65.9		ug/L		82	68 - 126	2	30
Pyrene			80.0	71.8		ug/L		90	60 - 137	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*88*		*46 - 139*
Nitrobenzene-d5 (Surr)	*97*		*51 - 145*
Terphenyl-d14 (Surr)	*61*		*13 - 159*

Lab Sample ID: 480-228193-4 MS
Matrix: Water
Analysis Batch: 1028701

Client Sample ID: MW-13S_20250324 MS
Prep Type: Total/NA
Prep Batch: 1028428

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	10	U F1	40.0	55.2	F1	ug/L		138	62 - 127
Acenaphthylene	10	U F1	40.0	59.1	F1	ug/L		148	58 - 122
Anthracene	10	U F1	40.0	55.2	F1	ug/L		138	67 - 127
Chrysene	2.0	U F1	40.0	55.4	F1	ug/L		139	70 - 132
Fluoranthene	10	U	40.0	53.4		ug/L		134	69 - 137
Fluorene	10	U F1	40.0	56.0	F1	ug/L		140	67 - 125
Naphthalene	2.0	U F1	40.0	55.0	F1	ug/L		138	39 - 126
Phenanthrene	10	U F1	40.0	54.1	F1	ug/L		135	68 - 126
Pyrene	10	U F1	40.0	58.1	F1	ug/L		145	60 - 137

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*82*		*46 - 139*
Nitrobenzene-d5 (Surr)	*87*		*51 - 145*
Terphenyl-d14 (Surr)	*65*		*13 - 159*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-228193-4 MSD
Matrix: Water
Analysis Batch: 1028701

Client Sample ID: MW-13S_20250324 MSD
Prep Type: Total/NA
Prep Batch: 1028428

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	10	U F1	40.0	43.0		ug/L		107	62 - 127	25	30
Acenaphthylene	10	U F1	40.0	46.0		ug/L		115	58 - 122	25	30
Anthracene	10	U F1	40.0	42.7		ug/L		107	67 - 127	26	30
Chrysene	2.0	U F1	40.0	40.9		ug/L		102	70 - 132	30	30
Fluoranthene	10	U	40.0	40.5		ug/L		101	69 - 137	27	30
Fluorene	10	U F1	40.0	43.9		ug/L		110	67 - 125	24	30
Naphthalene	2.0	U F1	40.0	42.9		ug/L		107	39 - 126	25	30
Phenanthrene	10	U F1	40.0	41.7		ug/L		104	68 - 126	26	30
Pyrene	10	U F1	40.0	44.2		ug/L		111	60 - 137	27	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*75*		*46 - 139*
Nitrobenzene-d5 (Surr)	*81*		*51 - 145*
Terphenyl-d14 (Surr)	*49*		*13 - 159*

Lab Sample ID: MB 460-1028872/1-A
Matrix: Water
Analysis Batch: 1028806

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1028872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		03/31/25 11:11	03/31/25 19:39	1
Acenaphthylene	10	U	10	0.82	ug/L		03/31/25 11:11	03/31/25 19:39	1
Anthracene	10	U	10	1.3	ug/L		03/31/25 11:11	03/31/25 19:39	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/31/25 11:11	03/31/25 19:39	1
Fluoranthene	10	U	10	0.84	ug/L		03/31/25 11:11	03/31/25 19:39	1
Fluorene	10	U	10	0.91	ug/L		03/31/25 11:11	03/31/25 19:39	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/31/25 11:11	03/31/25 19:39	1
Phenanthrene	10	U	10	1.3	ug/L		03/31/25 11:11	03/31/25 19:39	1
Pyrene	10	U	10	1.6	ug/L		03/31/25 11:11	03/31/25 19:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*46 - 139*	*03/31/25 11:11*	*03/31/25 19:39*	*1*
Nitrobenzene-d5 (Surr)	*73*		*51 - 145*	*03/31/25 11:11*	*03/31/25 19:39*	*1*
Terphenyl-d14 (Surr)	*72*		*13 - 159*	*03/31/25 11:11*	*03/31/25 19:39*	*1*

Lab Sample ID: LCS 460-1028872/2-A
Matrix: Water
Analysis Batch: 1028806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1028872

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	80.0	80.2		ug/L		100	62 - 127
Acenaphthylene	80.0	86.2		ug/L		108	58 - 122
Anthracene	80.0	85.4		ug/L		107	67 - 127
Chrysene	80.0	82.3		ug/L		103	70 - 132
Fluoranthene	80.0	90.3		ug/L		113	69 - 137
Fluorene	80.0	82.5		ug/L		103	67 - 125
Naphthalene	80.0	66.4		ug/L		83	39 - 126
Phenanthrene	80.0	83.8		ug/L		105	68 - 126

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1028872/2-A
Matrix: Water
Analysis Batch: 1028806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1028872

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pyrene			80.0	72.2		ug/L		90	60 - 137		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*104*		*46 - 139*
Nitrobenzene-d5 (Surr)	*100*		*51 - 145*
Terphenyl-d14 (Surr)	*72*		*13 - 159*

Lab Sample ID: LCSD 460-1028872/3-A
Matrix: Water
Analysis Batch: 1028806

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1028872

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			80.0	73.6		ug/L		92	62 - 127	9	30
Acenaphthylene			80.0	78.7		ug/L		98	58 - 122	9	30
Anthracene			80.0	75.8		ug/L		95	67 - 127	12	30
Chrysene			80.0	76.1		ug/L		95	70 - 132	8	30
Fluoranthene			80.0	81.3		ug/L		102	69 - 137	11	30
Fluorene			80.0	73.7		ug/L		92	67 - 125	11	30
Naphthalene			80.0	62.5		ug/L		78	39 - 126	6	30
Phenanthrene			80.0	75.1		ug/L		94	68 - 126	11	30
Pyrene			80.0	66.3		ug/L		83	60 - 137	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*86*		*46 - 139*
Nitrobenzene-d5 (Surr)	*82*		*51 - 145*
Terphenyl-d14 (Surr)	*62*		*13 - 159*

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 460-1028428/1-A
Matrix: Water
Analysis Batch: 1028616

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1028428

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		03/28/25 13:05	03/29/25 16:07	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		03/28/25 13:05	03/29/25 16:07	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		03/28/25 13:05	03/29/25 16:07	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		03/28/25 13:05	03/29/25 16:07	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		03/28/25 13:05	03/29/25 16:07	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		03/28/25 13:05	03/29/25 16:07	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		03/28/25 13:05	03/29/25 16:07	1

Lab Sample ID: LCS 460-1028428/4-A
Matrix: Water
Analysis Batch: 1028616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1028428

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzo[a]anthracene			2.00	1.86		ug/L		93	56 - 150		
Benzo[a]pyrene			2.00	1.46		ug/L		73	48 - 150		

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCS 460-1028428/4-A
Matrix: Water
Analysis Batch: 1028616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1028428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[b]fluoranthene	2.00	1.42		ug/L		71	39 - 150
Benzo[g,h,i]perylene	2.00	1.18		ug/L		59	13 - 150
Benzo[k]fluoranthene	2.00	1.51		ug/L		75	38 - 150
Dibenz(a,h)anthracene	2.00	1.20		ug/L		60	10 - 150
Indeno[1,2,3-cd]pyrene	2.00	1.29		ug/L		64	10 - 150

Lab Sample ID: LCSD 460-1028428/5-A
Matrix: Water
Analysis Batch: 1028616

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1028428

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	2.00	1.90		ug/L		95	56 - 150	2	30
Benzo[a]pyrene	2.00	1.47		ug/L		74	48 - 150	1	30
Benzo[b]fluoranthene	2.00	1.46		ug/L		73	39 - 150	2	30
Benzo[g,h,i]perylene	2.00	1.19		ug/L		59	13 - 150	1	30
Benzo[k]fluoranthene	2.00	1.54		ug/L		77	38 - 150	2	30
Dibenz(a,h)anthracene	2.00	1.22		ug/L		61	10 - 150	2	30
Indeno[1,2,3-cd]pyrene	2.00	1.31		ug/L		65	10 - 150	2	30

Lab Sample ID: 480-228193-4 MS
Matrix: Water
Analysis Batch: 1028616

Client Sample ID: MW-13S_20250324 MS
Prep Type: Total/NA
Prep Batch: 1028428

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	0.050	U F1	40.0	68.5	F1	ug/L		171	56 - 150
Benzo[a]pyrene	0.050	U F1	40.0	75.7	F1	ug/L		189	48 - 150
Benzo[b]fluoranthene	0.050	U F1	40.0	64.3	F1	ug/L		161	39 - 150
Benzo[g,h,i]perylene	0.050	U F1	40.0	65.3	F1	ug/L		163	13 - 150
Benzo[k]fluoranthene	0.050	U F1	40.0	71.4	F1	ug/L		178	38 - 150
Dibenz(a,h)anthracene	0.050	U F1	40.0	71.4	F1	ug/L		178	10 - 150
Indeno[1,2,3-cd]pyrene	0.050	U F1	40.0	82.4	E F1	ug/L		206	10 - 150

Lab Sample ID: 480-228193-4 MSD
Matrix: Water
Analysis Batch: 1028616

Client Sample ID: MW-13S_20250324 MSD
Prep Type: Total/NA
Prep Batch: 1028428

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	0.050	U F1	40.0	54.9		ug/L		137	56 - 150	22	30
Benzo[a]pyrene	0.050	U F1	40.0	59.3		ug/L		148	48 - 150	24	30
Benzo[b]fluoranthene	0.050	U F1	40.0	52.7		ug/L		132	39 - 150	20	30
Benzo[g,h,i]perylene	0.050	U F1	40.0	50.9		ug/L		127	13 - 150	25	30
Benzo[k]fluoranthene	0.050	U F1	40.0	53.2		ug/L		133	38 - 150	29	30
Dibenz(a,h)anthracene	0.050	U F1	40.0	55.0		ug/L		137	10 - 150	26	30
Indeno[1,2,3-cd]pyrene	0.050	U F1	40.0	61.6	F1	ug/L		154	10 - 150	29	30

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: MB 460-1028872/1-A
Matrix: Water
Analysis Batch: 1028937

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1028872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		03/31/25 11:11	03/31/25 19:36	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		03/31/25 11:11	03/31/25 19:36	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		03/31/25 11:11	03/31/25 19:36	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		03/31/25 11:11	03/31/25 19:36	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		03/31/25 11:11	03/31/25 19:36	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		03/31/25 11:11	03/31/25 19:36	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		03/31/25 11:11	03/31/25 19:36	1

Lab Sample ID: LCS 460-1028872/4-A
Matrix: Water
Analysis Batch: 1028937

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1028872

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	2.00	2.45		ug/L		122	56 - 150
Benzo[a]pyrene	2.00	2.35		ug/L		117	48 - 150
Benzo[b]fluoranthene	2.00	2.39		ug/L		120	39 - 150
Benzo[g,h,i]perylene	2.00	2.12		ug/L		106	13 - 150
Benzo[k]fluoranthene	2.00	2.41		ug/L		120	38 - 150
Dibenz(a,h)anthracene	2.00	2.19		ug/L		110	10 - 150
Indeno[1,2,3-cd]pyrene	2.00	2.40		ug/L		120	10 - 150

Lab Sample ID: LCSD 460-1028872/5-A
Matrix: Water
Analysis Batch: 1028937

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1028872

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	2.00	2.52		ug/L		126	56 - 150	3	30
Benzo[a]pyrene	2.00	2.42		ug/L		121	48 - 150	3	30
Benzo[b]fluoranthene	2.00	2.54		ug/L		127	39 - 150	6	30
Benzo[g,h,i]perylene	2.00	2.16		ug/L		108	13 - 150	2	30
Benzo[k]fluoranthene	2.00	2.55		ug/L		128	38 - 150	6	30
Dibenz(a,h)anthracene	2.00	2.17		ug/L		108	10 - 150	1	30
Indeno[1,2,3-cd]pyrene	2.00	2.49		ug/L		125	10 - 150	4	30

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-742401/21
Matrix: Water
Analysis Batch: 742401

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0041	mg/L			04/01/25 16:00	1

Lab Sample ID: MB 480-742401/47
Matrix: Water
Analysis Batch: 742401

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00510	J	0.010	0.0041	mg/L			04/01/25 17:26	1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: HLCS 480-742401/22
Matrix: Water
Analysis Batch: 742401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.407		mg/L		102	90 - 110

Lab Sample ID: LCS 480-742401/23
Matrix: Water
Analysis Batch: 742401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.255		mg/L		102	90 - 110

Lab Sample ID: LCS 480-742401/48
Matrix: Water
Analysis Batch: 742401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.247		mg/L		99	90 - 110

Lab Sample ID: 480-228193-4 MS
Matrix: Water
Analysis Batch: 742401

Client Sample ID: MW-13S_20250324 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.010	U	0.100	0.0956		mg/L		96	90 - 110

Lab Sample ID: 480-228193-4 MSD
Matrix: Water
Analysis Batch: 742401

Client Sample ID: MW-13S_20250324 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.010	U	0.100	0.0983		mg/L		98	90 - 110	3	15

Lab Sample ID: 480-228193-9 MS
Matrix: Water
Analysis Batch: 742401

Client Sample ID: DUP-1_202503
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0055	J F1 B	0.100	0.0930	F1	mg/L		88	90 - 110

QC Association Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

GC/MS VOA

Analysis Batch: 741931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228193-1	MW-C11_20250324	Total/NA	Water	8260C	
480-228193-2	MW-C12_20250324	Total/NA	Water	8260C	
480-228193-3	MW-C16_20250324	Total/NA	Water	8260C	
480-228193-4	MW-13S_20250324	Total/NA	Water	8260C	
480-228193-5	MW-22S_20250325	Total/NA	Water	8260C	
480-228193-6	MW-23S_20250324	Total/NA	Water	8260C	
480-228193-7	MW-46S_20250325	Total/NA	Water	8260C	
480-228193-8	MW-48S_20250325	Total/NA	Water	8260C	
480-228193-9	DUP-1_202503	Total/NA	Water	8260C	
480-228193-10	TRIPS_022503	Total/NA	Water	8260C	
MB 480-741931/8	Method Blank	Total/NA	Water	8260C	
LCS 480-741931/6	Lab Control Sample	Total/NA	Water	8260C	
480-228193-4 MS	MW-13S_20250324 MS	Total/NA	Water	8260C	
480-228193-4 MSD	MW-13S_20250324 MSD	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 1028428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228193-2	MW-C12_20250324	Total/NA	Water	3510C	
480-228193-3	MW-C16_20250324	Total/NA	Water	3510C	
480-228193-4	MW-13S_20250324	Total/NA	Water	3510C	
480-228193-5	MW-22S_20250325	Total/NA	Water	3510C	
480-228193-6	MW-23S_20250324	Total/NA	Water	3510C	
480-228193-7	MW-46S_20250325	Total/NA	Water	3510C	
480-228193-7 - DL	MW-46S_20250325	Total/NA	Water	3510C	
480-228193-8	MW-48S_20250325	Total/NA	Water	3510C	
480-228193-9	DUP-1_202503	Total/NA	Water	3510C	
MB 460-1028428/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1028428/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-1028428/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1028428/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-1028428/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	
480-228193-4 MS	MW-13S_20250324 MS	Total/NA	Water	3510C	
480-228193-4 MSD	MW-13S_20250324 MSD	Total/NA	Water	3510C	

Analysis Batch: 1028473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1028428/1-A	Method Blank	Total/NA	Water	8270E	1028428
LCS 460-1028428/2-A	Lab Control Sample	Total/NA	Water	8270E	1028428
LCSD 460-1028428/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1028428

Analysis Batch: 1028616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228193-2	MW-C12_20250324	Total/NA	Water	8270E SIM	1028428
480-228193-3	MW-C16_20250324	Total/NA	Water	8270E SIM	1028428
480-228193-4	MW-13S_20250324	Total/NA	Water	8270E SIM	1028428
480-228193-5	MW-22S_20250325	Total/NA	Water	8270E SIM	1028428
480-228193-6	MW-23S_20250324	Total/NA	Water	8270E SIM	1028428
480-228193-7	MW-46S_20250325	Total/NA	Water	8270E SIM	1028428
480-228193-8	MW-48S_20250325	Total/NA	Water	8270E SIM	1028428

GC/MS Semi VOA (Continued)

Analysis Batch: 1028616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228193-9	DUP-1_202503	Total/NA	Water	8270E SIM	1028428
MB 460-1028428/1-A	Method Blank	Total/NA	Water	8270E SIM	1028428
LCS 460-1028428/4-A	Lab Control Sample	Total/NA	Water	8270E SIM	1028428
LCSD 460-1028428/5-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	1028428
480-228193-4 MS	MW-13S_20250324 MS	Total/NA	Water	8270E SIM	1028428
480-228193-4 MSD	MW-13S_20250324 MSD	Total/NA	Water	8270E SIM	1028428

Analysis Batch: 1028701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228193-2	MW-C12_20250324	Total/NA	Water	8270E	1028428
480-228193-3	MW-C16_20250324	Total/NA	Water	8270E	1028428
480-228193-4	MW-13S_20250324	Total/NA	Water	8270E	1028428
480-228193-5	MW-22S_20250325	Total/NA	Water	8270E	1028428
480-228193-6	MW-23S_20250324	Total/NA	Water	8270E	1028428
480-228193-7	MW-46S_20250325	Total/NA	Water	8270E	1028428
480-228193-8	MW-48S_20250325	Total/NA	Water	8270E	1028428
480-228193-9	DUP-1_202503	Total/NA	Water	8270E	1028428
480-228193-4 MS	MW-13S_20250324 MS	Total/NA	Water	8270E	1028428
480-228193-4 MSD	MW-13S_20250324 MSD	Total/NA	Water	8270E	1028428

Analysis Batch: 1028782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228193-7 - DL	MW-46S_20250325	Total/NA	Water	8270E	1028428

Analysis Batch: 1028806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228193-1	MW-C11_20250324	Total/NA	Water	8270E	1028872
MB 460-1028872/1-A	Method Blank	Total/NA	Water	8270E	1028872
LCS 460-1028872/2-A	Lab Control Sample	Total/NA	Water	8270E	1028872
LCSD 460-1028872/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1028872

Prep Batch: 1028872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228193-1	MW-C11_20250324	Total/NA	Water	3510C	
MB 460-1028872/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1028872/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-1028872/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1028872/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-1028872/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1028937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228193-1	MW-C11_20250324	Total/NA	Water	8270E SIM	1028872
MB 460-1028872/1-A	Method Blank	Total/NA	Water	8270E SIM	1028872
LCS 460-1028872/4-A	Lab Control Sample	Total/NA	Water	8270E SIM	1028872
LCSD 460-1028872/5-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	1028872

General Chemistry

Analysis Batch: 742401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228193-1	MW-C11_20250324	Total/NA	Water	9012B	
480-228193-2	MW-C12_20250324	Total/NA	Water	9012B	
480-228193-3	MW-C16_20250324	Total/NA	Water	9012B	
480-228193-4	MW-13S_20250324	Total/NA	Water	9012B	
480-228193-5	MW-22S_20250325	Total/NA	Water	9012B	
480-228193-6	MW-23S_20250324	Total/NA	Water	9012B	
480-228193-7	MW-46S_20250325	Total/NA	Water	9012B	
480-228193-8	MW-48S_20250325	Total/NA	Water	9012B	
480-228193-9	DUP-1_202503	Total/NA	Water	9012B	
MB 480-742401/21	Method Blank	Total/NA	Water	9012B	
MB 480-742401/47	Method Blank	Total/NA	Water	9012B	
HLCS 480-742401/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-742401/23	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-742401/48	Lab Control Sample	Total/NA	Water	9012B	
480-228193-4 MS	MW-13S_20250324 MS	Total/NA	Water	9012B	
480-228193-4 MSD	MW-13S_20250324 MSD	Total/NA	Water	9012B	
480-228193-9 MS	DUP-1_202503	Total/NA	Water	9012B	

Lab Chronicle

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Client Sample ID: MW-C11_20250324
Date Collected: 03/24/25 12:25
Date Received: 03/26/25 09:30

Lab Sample ID: 480-228193-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	741931	ERS	EET BUF	03/28/25 03:21
Total/NA	Prep	3510C			1028872	BXP	EET EDI	03/31/25 11:12
Total/NA	Analysis	8270E		1	1028806	MME	EET EDI	04/01/25 02:16
Total/NA	Prep	3510C			1028872	BXP	EET EDI	03/31/25 11:12
Total/NA	Analysis	8270E SIM		1	1028937	MME	EET EDI	03/31/25 20:08
Total/NA	Analysis	9012B		1	742401	GW	EET BUF	04/01/25 16:48

Client Sample ID: MW-C12_20250324
Date Collected: 03/24/25 13:30
Date Received: 03/26/25 09:30

Lab Sample ID: 480-228193-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	741931	ERS	EET BUF	03/28/25 03:44
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E		1	1028701	YAH	EET EDI	03/30/25 13:38
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E SIM		1	1028616	YAH	EET EDI	03/29/25 16:28
Total/NA	Analysis	9012B		1	742401	GW	EET BUF	04/01/25 16:52

Client Sample ID: MW-C16_20250324
Date Collected: 03/24/25 11:10
Date Received: 03/26/25 09:30

Lab Sample ID: 480-228193-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	741931	ERS	EET BUF	03/28/25 04:07
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E		1	1028701	YAH	EET EDI	03/30/25 13:59
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E SIM		1	1028616	YAH	EET EDI	03/29/25 16:49
Total/NA	Analysis	9012B		1	742401	GW	EET BUF	04/01/25 16:55

Client Sample ID: MW-13S_20250324
Date Collected: 03/24/25 15:10
Date Received: 03/26/25 09:30

Lab Sample ID: 480-228193-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	741931	ERS	EET BUF	03/28/25 04:30
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E		1	1028701	YAH	EET EDI	03/30/25 16:05
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E SIM		1	1028616	YAH	EET EDI	03/29/25 18:53
Total/NA	Analysis	9012B		1	742401	GW	EET BUF	04/01/25 16:40

Lab Chronicle

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Client Sample ID: MW-22S_20250325

Lab Sample ID: 480-228193-5

Date Collected: 03/25/25 10:50

Matrix: Water

Date Received: 03/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	741931	ERS	EET BUF	03/28/25 04:54
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E		1	1028701	YAH	EET EDI	03/30/25 14:20
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E SIM		1	1028616	YAH	EET EDI	03/29/25 17:09
Total/NA	Analysis	9012B		1	742401	GW	EET BUF	04/01/25 16:59

Client Sample ID: MW-23S_20250324

Lab Sample ID: 480-228193-6

Date Collected: 03/24/25 16:25

Matrix: Water

Date Received: 03/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	741931	ERS	EET BUF	03/28/25 05:17
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E		1	1028701	YAH	EET EDI	03/30/25 14:41
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E SIM		1	1028616	YAH	EET EDI	03/29/25 17:30
Total/NA	Analysis	9012B		1	742401	GW	EET BUF	04/01/25 17:02

Client Sample ID: MW-46S_20250325

Lab Sample ID: 480-228193-7

Date Collected: 03/25/25 12:20

Matrix: Water

Date Received: 03/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	741931	ERS	EET BUF	03/28/25 05:40
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E		1	1028701	YAH	EET EDI	03/30/25 15:02
Total/NA	Prep	3510C	DL		1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E	DL	10	1028782	MDJ	EET EDI	03/31/25 15:05
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E SIM		1	1028616	YAH	EET EDI	03/29/25 17:51
Total/NA	Analysis	9012B		1	742401	GW	EET BUF	04/01/25 17:05

Client Sample ID: MW-48S_20250325

Lab Sample ID: 480-228193-8

Date Collected: 03/25/25 09:30

Matrix: Water

Date Received: 03/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	741931	ERS	EET BUF	03/28/25 06:04
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E		1	1028701	YAH	EET EDI	03/30/25 15:23
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E SIM		1	1028616	YAH	EET EDI	03/29/25 18:12
Total/NA	Analysis	9012B		1	742401	GW	EET BUF	04/01/25 17:08

Lab Chronicle

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Client Sample ID: DUP-1_202503

Lab Sample ID: 480-228193-9

Date Collected: 03/25/25 00:00

Matrix: Water

Date Received: 03/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	741931	ERS	EET BUF	03/28/25 06:27
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E		1	1028701	YAH	EET EDI	03/30/25 15:44
Total/NA	Prep	3510C			1028428	NMP	EET EDI	03/28/25 13:05
Total/NA	Analysis	8270E SIM		1	1028616	YAH	EET EDI	03/29/25 18:33
Total/NA	Analysis	9012B		1	742401	GW	EET BUF	04/01/25 17:32

Client Sample ID: TRIPS_022503

Lab Sample ID: 480-228193-10

Date Collected: 03/25/25 00:00

Matrix: Water

Date Received: 03/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	741931	ERS	EET BUF	03/28/25 06:51

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: D&B Engineers and Architects, P.C.
Job ID: 480-228193-1
Project/Site: NYSEG - Court Street OMM

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00686	07-06-25
Georgia	State Program	N/A	03-31-09 *
Illinois	NELAP	200003	09-30-25
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-26
Kentucky (UST)	State	108092	04-01-25
Kentucky (WW)	State	KY90029	12-31-25
Maine	State	NY00044	12-04-24 *
Maryland	State	294	06-30-25
Massachusetts	State	M-NY044	07-01-25
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-25
New Jersey	NELAP	NY455	07-02-25
Pennsylvania	NELAP	68-00281	08-31-25
Rhode Island	State	LAO00378	12-30-25
USDA	US Federal Programs	P330-18-00039	02-16-27
Virginia	NELAP	460185	09-14-25
Washington	State	C784	02-10-26
Wisconsin	State	998310390	08-31-25

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-02-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-228193-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-228193-1	MW-C11_20250324	Water	03/24/25 12:25	03/26/25 09:30
480-228193-2	MW-C12_20250324	Water	03/24/25 13:30	03/26/25 09:30
480-228193-3	MW-C16_20250324	Water	03/24/25 11:10	03/26/25 09:30
480-228193-4	MW-13S_20250324	Water	03/24/25 15:10	03/26/25 09:30
480-228193-5	MW-22S_20250325	Water	03/25/25 10:50	03/26/25 09:30
480-228193-6	MW-23S_20250324	Water	03/24/25 16:25	03/26/25 09:30
480-228193-7	MW-46S_20250325	Water	03/25/25 12:20	03/26/25 09:30
480-228193-8	MW-48S_20250325	Water	03/25/25 09:30	03/26/25 09:30
480-228193-9	DUP-1_202503	Water	03/25/25 00:00	03/26/25 09:30
480-228193-10	TRIPS_022503	Water	03/25/25 00:00	03/26/25 09:30

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Syracuse #225

Client Information	Sampler: Gunther J. Schnorr	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-203760-39287.1
Client Contact: Mr. Gunther Schnorr	Phone: 315.558.1590	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: D&B Engineers and Architects, P.C.	PWSID:			Job #:
Address: 5879 Fisher Road PO BOX 56	Due Date Requested: Standard TAT			
City: East Syracuse	TAT Requested (days): Standard TAT			
State, Zip: NY, 13057	Compliance Project: Δ Yes Δ No			
Phone: 315-437-1142(Tel)	PO #: 5811, Task 10A			
Email: gschnorr@db-eng.com	WO #:			
Project Name: NYSEG - Court Street OMM	Project #: 48026495			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH

480-228193 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E, 8270E_SIM	8260C - BTEX	9012B - Cyanide	Tot	Special ...
Preservation Code:							N	A	B		
MW-C11-20250324	3/24/25	1225	G	Water	N	N	X	X	X	6	
MW-C12-20250324	3/24/25	1330		Water		N				6	
MW-C16-20250324	3/24/25	1110		Water		N				6	
MW-135-20250324	3/24/25	1510		Water		Y				6	
MW-225-20250325	3/25/25	1050		Water		N				18	MS/MSD
MW-235-20250324	3/24/25	1625		Water		N				6	
MW-465-20250325	3/25/25	1220		Water		N				6	
MW-485-20250325	3/25/25	0930		Water		N				6	
DUP-1-202503	3/2025	0000		Water		N				6	
TripS-202503	3/2025			Water		N				6	
				Water		N				3	Lab Supplied

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) NYS CAT B - Level 4 deliverables

Special Instructions/QC Requirements: 8270E + 8270Sim for Select Analytes

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 3/25/25 15:20	Company: D&B	Received by:	Date/Time: 3-25-25 15:20	Company: Eurofins
Relinquished by:	Date/Time: 3-25-25, 1900	Company: Eurofins	Received by:	Date/Time: 3/26/25 930	Company: ET
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.4, 1.6, 1.9 IR#SCICF

Ver: 10/10/2024

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Schove, John R	Carrier Tracking No(s): N/A	COC No: 480-91872.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP New York		Job #: 480-228193-1
Address: 777 New Durham Road,	Due Date Requested: 4/8/2025			Preservation Codes:
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: NYSEG Court Street OMM	Project #: 48026495			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3510C_LVI PAHs	8270E_SIM/3510C_LVI PAH SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-C11-20250324 (480-228193-1)	3/24/25	12:25 Eastern	G	Water			X	X	2	
MW-C12-20250324 (480-228193-2)	3/24/25	13:30 Eastern	G	Water			X	X	2	
MW-C16-20250324 (480-228193-3)	3/24/25	11 10 Eastern	G	Water			X	X	2	
MW-13S-20250324 (480-228193-4)	3/24/25	15:10 Eastern	G	Water			X	X	2	
MW-13S-20250324 (480-228193-4MS)	3/24/25	15:10 Eastern	G	Water			X	X	2	
MW-13S-20250324 (480-228193-4MSD)	3/24/25	15:10 Eastern	G	Water			X	X	2	
MW-22S-20250325 (480-228193-5)	3/25/25	10:50 Eastern	G	Water			X	X	2	
MW-23S-20250324 (480-228193-6)	3/24/25	16:25 Eastern	G	Water			X	X	2	
MW-46S-20250325 (480-228193-7)	3/25/25	12:20 Eastern	G	Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[illegible]	3/26/25 1600	ET	[illegible]	3/27/25 10	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

IR925-29

Ver: 10/10/2024

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Schove, John R	Carrier Tracking No(s): N/A	COC No: 480-91872.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP New York		Job #: 480-228193-1
Address: 777 New Durham Road	Due Date Requested: 4/8/2025			Preservation Codes:
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: NYSEG Court Street OMM	Project #: 48026495			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3510C_LVI PAHs	8270E_SIM/3510C_LVI PAH SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-48S-20250325 (480-228193-8)	3/25/25	09:30 Eastern	G	Water			X	X	2	
DUP-1-202503 (480-228193-9)	3/25/25	Eastern	G	Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Fedex

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	3/26/25 1600	ET	[signature]	3/27/25 1045	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

IR925-29

Login Sample Receipt Checklist

Client: D&B Engineers and Architects, P.C.

Job Number: 480-228193-1

Login Number: 228193
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	D&B
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: D&B Engineers and Architects, P.C.

Job Number: 480-228193-1

Login Number: 228193
List Number: 2
Creator: Armbruster, Chris

List Source: Eurofins Edison
List Creation: 03/28/25 11:29 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5/2.9°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT D

Data Usability Summary Report

DUSR

The March 2025 sampling event for Ithaca Court Street Site included the collection of 8 groundwater, one field duplicated and one trip blank. The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by method 8260C; semi volatile organic compounds (SVOCs) by methods 8270E and 8270E SIM; and cyanide by method 9014. Laboratory analyses were performed by Eurofins Environment Testing, Amherst, NY. All analyses were performed in accordance with United States Environmental Protection Agency (USEPA) SW-846.

The data package, 480-228193, was validated and any applicable qualification of the data was determined using the USEPA National Functional Guidelines of Organic Data Review, November 2020 or USEPA National Functional Guidelines of Inorganic Data Review, November 2020, method performance criteria, and D&B Engineers and Architects, P.C. professional judgment. The qualification of data discussed within this data validation checklist are presented below**.**

The findings of the validation process are presented below.

- The percent recoveries (%Rs) were above the QC limits in the matrix spike (MS) associated with all SVOCs except fluoranthene. The following were detected above the reporting limit and qualified as estimated (J): acenaphthene associated with samples MW-C12, MW-23S, MW-46S, MW-48S, and DUP-1; fluorene and phenanthrene associated with samples MW-23S and DUP-1; benzo[a]anthracene associated with samples MW-23S and DUP-1; benzo[a]anthracene, benzo[a]pyrene, benzo[g,h,i]perylene, benzo[k]fluoranthene, dibenz(a,h)anthracene, and indeno[1,2,3-cd]pyrene associated with sample MW-46S; benzo[b]fluoranthene associated with sample MW-46S and MW-48S; and naphthalene associated with samples MW-23S, MW-48S, and DUP-1.
- Naphthalene exceeded the calibration range in the original analysis and was analyzed at a secondary dilution in sample MW-46S, which was qualified as “D”.
- Cyanide was detected in the method blank. Cyanide was qualified as non-detect (UB) in sample DUP-1.

Based on the findings of the data validation process, all results are deemed valid and usable for environmental assessment purposes as qualified above.

D&B ENGINEERS AND ARCHITECTS

DATA VALIDATION CHECKLIST

Project Name:	Ithaca Court Street
Project Number:	5811-10B
Sample Date(s):	March 24-25, 2025
Sample Team:	Gunther Schnorr
Matrix/Number of Samples:	Water/ 8 Field Duplicates/ 1 Trip Blanks / 1 Field Blanks/ 0
Analyzing Laboratory:	Eurofins Environment Testing, Amherst, NY
Analyses:	Volatile Organic Compounds (VOCs): BTEX by SW846 8260C Semi Volatile Organic Compounds (SVOCs): by SW846 8270E and 8270E SIM General Chemistry: Cyanide (USEPA 9014)
Laboratory Report No:	480-228193 Date: 4/3/2025

ANALYTICAL DATA PACKLAGE DOCUMENTATION GENERAL INFORMATION

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Method of analysis		X		X	
4. Sample collection date		X		X	
5. Laboratory sample received date		X		X	
6. Sample analysis date		X		X	
7. Copy of chain-of-custody form signed by Lab sample custodian		X		X	
8. Narrative summary of QA or sample problems provided		X		X	

QA - quality assurance

Comments:

A validation was conducted on the data package and any applicable qualification of the data was determined using the USEPA National Functional Guidelines of Organic Data Review, November 2020 or USEPA National Functional Guidelines of Inorganic Data Review, November 2020, method performance criteria, and D&B Engineers and Architects, P.C. professional judgment. The qualification of data discussed within this data validation checklist did not impact the usability of the sample results.

D&B ENGINEERS AND ARCHITECTS

Custody Numbers:480-228193
SAMPLE AND ANALYSIS LIST

Sample ID	Lab ID	Sample Collection Date	Parent Sample	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-C11	480-228193-1	3/24/2024		X	X			X
MW-C12	480-228193-2	3/24/2024		X	X			X
MW-C16	480-228193-3	3/24/2024		X	X			X
MW-13S	480-228193-4	3/24/2024		X	X			X
MW-22S	480-228193-5	3/25/2024		X	X			X
MW-23S	480-228193-6	3/24/2024		X	X			X
MW-46S	480-228193-7	3/25/2024		X	X			X
MW-48S	480-228193-8	3/25/2024		X	X			X
DUP-1	480-228193-9	3/24/2024	MW-23S	X	X			X
TRIP BLANK	480-228193-10	3/25/2024		X				

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks		X		X	
C. Field blanks					X
3. Matrix spike (MS) %R		X		X	
4. Matrix spike duplicate (MSD) %R		X		X	
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	
13. Field duplicates RPD		X		X	

VOCs - volatile organic compounds
%D - percent difference
RRF - relative response factor
%R - percent recovery
%RSD - percent relative standard deviation
RPD - relative percent difference

Comments:
Performance was acceptable.

ORGANIC ANALYSES
SVOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Field blanks					X
3. Matrix spike (MS) %R		X	X		
4. Matrix spike duplicate (MSD) %R		X		X	
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) & LCS duplicate %R & RPD		X		X	
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	
13. Field duplicates RPD		X		X	

SVOCs -semi volatile organic compounds
%D - percent difference
RRF - relative response factor
%R - percent recovery
%RSD - percent relative standard deviation
RPD - relative percent difference

Comments:
Performance was acceptable, except the following:

3. The %Rs were above the QC limits in the MS associated with all SVOCs except fluoranthene. The following were detected above the reporting limit and qualified as estimated (J): acenaphthene associated with samples MW-C12, MW-23S, MW-46S, MW-48S, and DUP-1; fluorene and phenanthrene associated with samples MW-23S and DUP-1; benzo[a]anthracene associated with samples MW-23S and DUP-1; benzo[a]anthracene, benzo[a]pyrene, benzo[g,h,i]perylene, benzo[k]fluoranthene, dibenz(a,h)anthracene, and indeno[1,2,3-cd]pyrene associated with sample MW-46S; benzo[b]fluoranthene associated with sample MW-46S and MW-48S; and naphthalene associated with samples MW-23S, MW-48S, and DUP-1.

12. Naphthalene exceeded the calibration range in the original analysis and was analyzed at a secondary dilution in sample MW-46S, which was qualified as "D".

INORGANIC ANALYSES
GENERAL CHEMISTRY

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Laboratory blanks		X	X		
B. Field blanks					X
3. Initial calibration verification %R		X		X	
4. Continuing calibration verification %R		X		X	
5. HLCS %R		X		X	
6. Laboratory spike %R		X		X	
7. Laboratory duplicate RPD		X		X	
8. Matrix spike and matrix spike duplicate %R		X		X	
9. Field duplicates RPD		X		X	

%R percent recovery RPD - relative percent difference %D – percent difference
RSD - relative standard deviation

Comments:
Performance was acceptable, except the following:

2A. Cyanide was detected in the method blank. Cyanide was qualified as non-detect (UB) in sample DUP-1.

D&B ENGINEERS AND ARCHITECTS

DATA VALIDATION AND QUALIFICATION SUMMARY

Laboratory Numbers: 480-228193

Sample ID	Analyte(s)	Qualifier	Reason(s)
VOCs			
No qualification of the data was necessary.			
SVOCs			
MW-C12, MW-23S, MW-46S, MW-48S, and DUP-1	Acenaphthene	J	The %Rs were above the QC limits in the MS
MW-23S and DUP-1	Fluorene and phenanthrene		
MW-23S and DUP-1	Benzo[a]anthracene		
MW-46S	Benzo[a]anthracene, benzo[a]pyrene, benzo[g,h,i]perylene, benzo[k]fluoranthene, dibenz(a,h)anthracene, and indeno[1,2,3-cd]pyrene		
MW-46S and MW-48S	Benzo[b]fluoranthene		
MW-23S, MW-48S, and DUP-1	Naphthalene		
MW-46S	Naphthalene	D	Exceeded the calibration range in the original analysis and was analyzed at a secondary dilution
General Chemistry			
DUP-1	Cyanide	UB	Detected in the method blank

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 4/29/2025
VALIDATION PERFORMED BY SIGNATURE: