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August 22, 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 Q2
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 2 (Q2) 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 Q2 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 Q2 GME are presented below.

2025 Q2 Groundwater Sampling Event Summary

The Q2 GME was conducted by D&B on June 24, 2025 and June 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

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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:

- Water was observed in the well box above the J-plug and near the top of the riser at monitoring wells MW-C11 and MW-C16, respectively. The water was removed from the annular space using a peristaltic pump prior to removing the J-plugs at these locations.
- The concrete pad surrounding road box at MW-C16 is cracked.
- 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 – 2nd 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. In addition, a naphthalene-like odor was observed at monitoring wells MW-23S and MW-46S, and a slight gasoline-like odor was observed at MW-48S. Based on the water table elevations measured at all 15 monitoring wells on September 16, 2024, groundwater flow in the vicinity of the Site is to the west.

At the request of the NYSDEC in a March 25, 2025 e-mail to evaluate the need to perform passive NAPL recovery at MW-46S due to tar-like staining observed on oil/water interface probe and tape, NYSEG elected to hand bail the well using a disposable bailer. On June 25, 2025 D&B collected a water sample from the upper four feet at MW-46S for visual observation. Minimal staining was observed on the exterior of the disposable bailer and the water appeared clear (See **Attachment A – Photo Log**). Thereafter, the bailer was allowed to completely submerge to the bottom of the well. The initial recovery from the bottom of the well recovered brown sediment laden water with a “blocky” sheen. (See **Attachment A – Photo Log**). D&B continued to bail the sediments from the bottom of the well until the water was relatively clear. The sheen eventually coalesced into an intact sheen. No recoverable NAPL was observed at MW-46S.

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.

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The collected eight groundwater monitoring well samples and associated quality control samples (i.e., blind duplicate [collected from MW-22S], matrix spike and matrix spike duplicate [collected from MW-C12]) 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 – 2nd 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 1,800 ug/l was detected at MW-46S. The sample collected from MW-23S exhibited the next highest concentration of total BTEX of 77 ug/l, followed by MW-48S at 67 ug/l and MW-C12 at 3.1 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-23S, MW-46S, and MW-48S), at concentrations of 1.9 ug/l, 1.3 ug/l, 760 ug/l, and 37 ug/l, respectively.

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- Toluene was detected slightly above the Class GA groundwater standard of 5 ug/l in MW-46S at a concentration of 13 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 41 ug/l, 720 ug/l, and 12 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 33 ug/l, 300 ug/l, and 18 ug/l, respectively.

PAHs

Detectable concentrations of PAHs were identified in six of the eight groundwater monitoring wells, including MW-C12, MW-C16, MW-23S, MW-46S, and MW-48S. A total of six PAHs were detected in at least one groundwater monitoring well above the Class GA groundwater standards. The highest concentration of total PAHs of 981.86 ug/l was detected at MW-46S, followed in decreasing order by MW-48S (82.8 ug/l), MW-C12 (63.4 ug/l), MW-23S (15.8 ug/l), MW-C16 (6 J ug/l), and MW-22S (0.019 J ug/l). PAHs were detected at concentrations above Class GA groundwater standards and guidance values at wells MW-C12, MW-C16, MW-22S, 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 four groundwater monitoring wells (MW-22S, MW-23S, MW-46S, MW-48S) at concentrations of 0.019 J ug/l, 0.043 J ug/l, 0.17 ug/l, and 0.022 J ug/l, respectively.
- Benzo(a)pyrene was detected above the Class GA groundwater standard of 0 ug/l in one groundwater monitoring well (MW-46S) at a concentration of 0.094 J ug/l.
- Benzo(b)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 0.069 ug/l.
- 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 0.031 J ug/l.
- Acenaphthene was detected above the Class GA groundwater standard of 20 ug/l in two groundwater monitoring wells (MW-C12, MW-46S) at concentrations of 55 ug/l and 33 ug/l, respectively.
- Naphthalene was detected above the Class GA groundwater standard of 10 ug/l in two groundwater monitoring wells (MW-46S, MW-48S) at concentrations of 930 D ug/l and 61 ug/l, respectively.

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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 0.54 ug/l.

CONCLUSIONS AND RECOMMENDATIONS

The groundwater data for the Second Quarter 2025 samples collected in June 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 1,800 ug/l and a total PAH concentration of 981.86 ug/l, which are both higher than concentrations reported during the Second Quarter 2024 sampling event last year. This may be attributed to the disturbance of sediments associated with hand bailing activities at MW-46S to evaluate the potential presence of recoverable NAPL. Historical groundwater analytical data collected by D&B is presented in **Attachment E**.

As indicated above, recoverable NAPL was not observed as part of the hand bailing activities conducted at MW-46S. 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.

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 Third Quarter (Q3) GME includes the collection of groundwater samples from eight existing groundwater monitoring wells that will be conducted in September 2025. 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)

◆5811/GJS081125TG_Ltr(R01)

TABLES

TABLE 1 - GROUNDWATER MONITORING WELL OBSERVATIONS

2025 Q2 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	15.16	5.20	385.50	N	Annular space filled with water below J-plug (removed). One of two treaded flanges missing. Spongy bottom.
MW-C12	890298.78	841607.74	391.95	391.75	17.19	5.95	385.80	N	Good condition. Hard bottom.
MW-C16	890373.63	841591.99	391.05	390.86	15.78	3.97	386.89	N	Water in annular space over J-plug (removed). Two of three treaded flanges are stripped (one bolt secures cover). Concrete pad surrounding road box is cracked. Slight swamp-like odor. Spongy bottom.
MW-13S	889938.16	842147.41	396.23	395.95	14.40	6.62	389.33	N	Good condition. Hard bottom.
MW-22S	890169.03	840759.18	387.07	386.70	13.66	4.40	382.30	N	Good condition. Located in flower bed west of driveway. Hard bottom.
MW-23S	890569.18	840821.52	387.49	386.99	13.63	6.23	380.76	N	Two of three threaded flanges missing (one bolt secures cover). Spongy bottom. Very slight naphthalene-like odor.
MW-46S	890067.01	840841.212	387.50	387.17	16.88	4.18	382.99	N	Good condition. Some staining on interface probe tape. Napthalene-like odor. Spongy bottom.
MW-48S	890217.75	840831.85	387.08	386.87	13.45	3.84	383.03	N	Good condition. Slight gasoline-like odor. Spongy bottom.

Notes:

1. Total well depth and depth to water were measured during synoptic round conducted on June 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 Q2 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	20.14	5.500	4.7	0.05	-93
MW-C12	7.07	15.93	1.070	0.0	0.00	-58
MW-C16	7.00	18.92	2.380	4.3	2.31	-106
MW-13S	7.10	17.44	1.220	0.0	0.00	-5
MW-22S	6.71	16.84	0.615	3.5	0.58	307
MW-23S	6.94	18.58	0.808	11.5	0.00	-36
MW-46S	7.07	16.28	0.849	21.3	0.00	-81
MW-48S	7.18	19.37	3.64	1.6	0.00	-84

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
Second Quarter 2025 Groundwater Samples
BTEX, Select Semivolatile Organic Compounds, and Cyanide

Sample ID Sampling Date			MW-C11 6/24/2025	MW-C12 6/24/2025	MW-C16 6/24/2025	MW-13S 6/24/2025	MW-22S 6/25/2025	DUP-1 6/25/2025	MW-23S 6/24/2025	MW-46S 6/25/2025	MW-48S 6/25/2025
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l	CAS Number	TOGS Class GA Groundwater Standards									
	Benzene	71-43-2	1 U	1.9	1 U	1 U	1 U	1 U	1.3	760	37
	Toluene	108-88-3	1 U	1 U	1 U	1 U	1 U	1 U	1.4	13	1 U
	Ethylbenzene	100-41-4	1 U	1.2	1 U	1 U	1 U	1 U	41	720	12
	M,P-Xylenes	179601-23-1	2 U	2 U	2 U	2 U	2 U	2 U	7.9	80	2.7
	O-Xylene	95-47-6	1 U	1 U	1 U	1 U	1 U	1 U	25	220	15
	Xylenes	1330-20-7	2 U	2 U	2 U	2 U	2 U	2 U	33	300	18
	BTEX	BTEX	2 U	3.1	2 U	2 U	2 U	2 U	77	1800	67
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	0.019 J	0.05 U	0.043 J	0.17	0.022 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	0.094	0.05 U
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	0.069	0.05 U
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	0.05 U	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	0.031 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	0.05 U	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	0.05 U	0.05 U
Acenaphthene	83-32-9	20	10 U	55	6 J	10 U	10 U	10 U	7.5 J	33	18
Acenaphthylene	208-96-8	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.1 J	10 U
Anthracene	120-12-7	50	10 U	10 U	10 U	10 U	10 U	10 U	1.5 J	1.5 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	10 U	1.2 J	10 U	10 U
Fluorene	86-73-7	50	10 U	8.4 J	10 U	10 U	10 U	10 U	5.6 J	8.7 J	1.5 J
Naphthalene	91-20-3	10	2 U	2 U	2 U	2 U	2 U	2 U	2 U	930 D	61
Phenanthrene	85-01-8	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7.2 J	2.3 J
Pyrene	129-00-0	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cyanide in mg/l	57-12-5	0.2	0.01 UBJ	0.01 UBJ	0.01 UBJ	0.01 UBJ	0.54	0.55	0.01 UBJ	0.01 UBJ	0.01 UBJ

Footnotes/Qualifiers:

ug/l: Micrograms per liter

Exceeded TOGS GW standard

mg/l: Milligrams per liter

U: Analyzed but not detected

J: Estimated value or limit

D: Analyzed at a secondary dilution

--: No limit

FIGURES



D&B ENGINEERS
AND ARCHITECTS

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

SITE LOCATION MAP

SCALE: N.T.S.

FIGURE 1

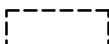
F:\5811\dwg\5811-FIG-2.dwg, Layout1, 8/1/2023 8:43:25 AM, zkapan



LEGEND:



OU1 AREA



OU2 AREA

NOTES:

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

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

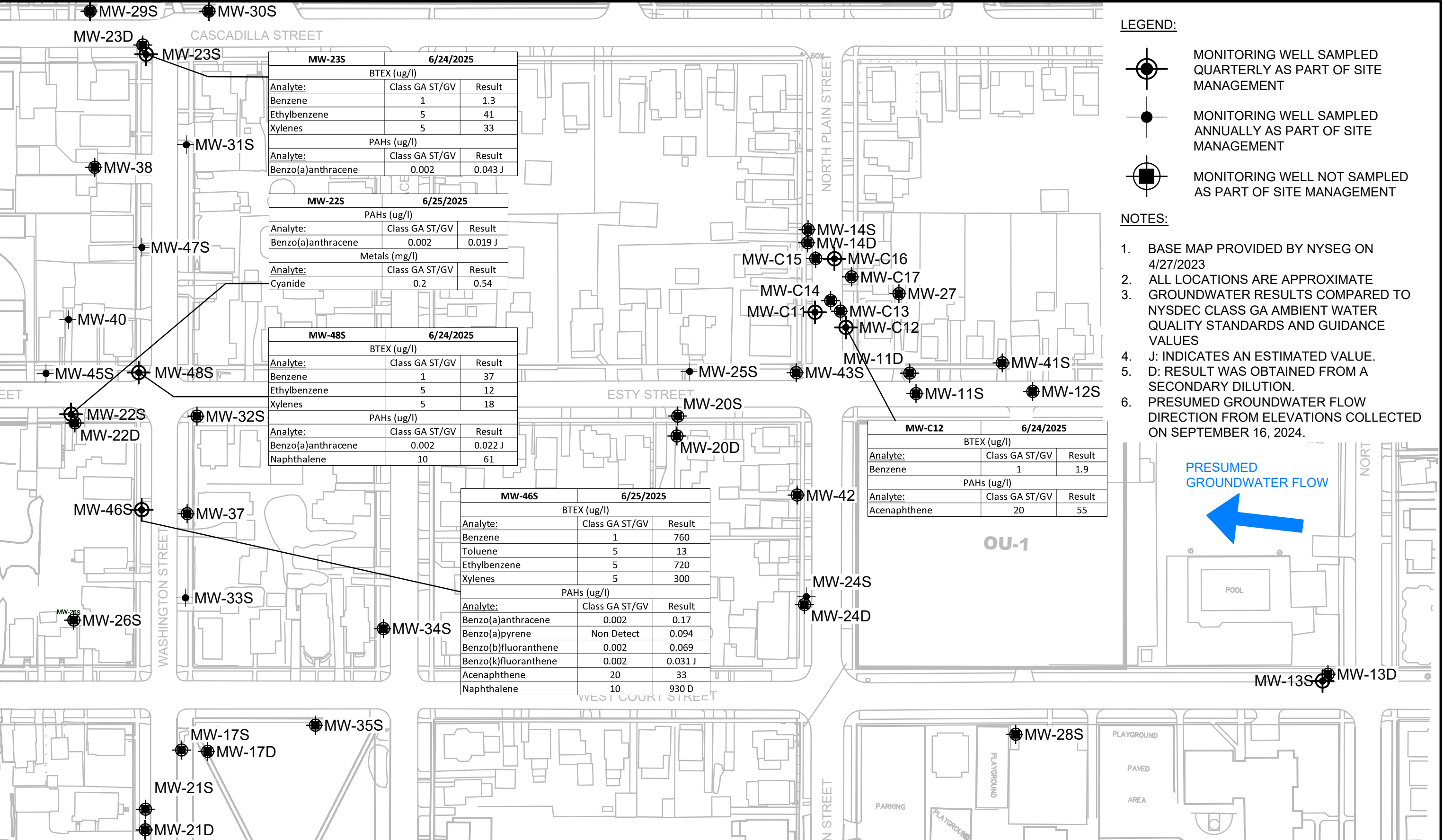
SITE PLAN

SCALE: N.T.S.

FIGURE 2



**D&B ENGINEERS
AND ARCHITECTS**



ATTACHMENTS

ATTACHMENT A

Photo Log

Photo Log – Second Quarter 2025 (Q2 2025) Groundwater Monitoring Event

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

MW-C16 on June 24, 2025.



Upper four feet of water at MW-46S on June 25, 2025.

Photo Log – Second Quarter 2025 (Q2 2025) Groundwater Monitoring Event

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

Sediment laden water from MW-46S on June 25, 2025.



Purge water following sampling MW-46S on June 25, 2025.



ATTACHMENT B

Groundwater Sampling Records

FIELD OBSERVATION LOG GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008)
Ithaca, New York

DATE 6/24/25

WELL ID: MW-C11

Time On-site: _____

Time Off-site: _____

SAMPLERS: GTS

Initial static water level (feet from top of casing/riser)..... 5.20
Depth of Well (feet from top of casing/riser)..... 15.16

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

Purging Method

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

Well Volume Calculation:

1 in. casing _____ ft. of water x 0.04 = _____ gallons
2 in. casing _____ ft. of water x 0.16 = _____ 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: _____ 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]
1135	~150	5.63	7.14	21.49	6.08	19.1	1.48	-92
1140	1	5.77	7.11	19.97	6.00	8.2	0.27	-95
1145	1	5.80	7.10	19.92	5.80	8.5	0.13	-95
1150	1	5.81	7.10	19.95	5.63	6.4	0.08	-94
1155	1	5.81	7.11	20.00	5.52	3.1	0.06	-93
1200	1	5.81	7.11	20.44	5.50	4.7	0.05	-93

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

Sampling

Time of Sample Collection: 1200

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* Widespread DPH (Banana), missing lot 2 tanks
Weather/Temperature: 88°F Sunny 5-10 mph NW, 61% RH
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

FIELD OBSERVATION LOG GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008)
Ithaca, New York

DATE

6/24/25

WELL ID: MW-C12

Time On-site:

Time Off-site:

SAMPLERS:

GJS

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

5.95

17.19

Depth to 10 / 15 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: 11.24 ft. of water x 0.16 = 1.80 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]
1230	<u>150</u>	<u>6.57</u>	<u>7.17</u>	<u>16.79</u>	<u>1.53</u>	<u>0.0</u>	<u>1.03</u>	<u>-45</u>
1235	<u>1</u>	<u>6.79</u>	<u>7.07</u>	<u>15.95</u>	<u>1.28</u>	<u>0.0</u>	<u>0.08</u>	<u>-49</u>
1240	<u>1</u>	<u>6.79</u>	<u>7.04</u>	<u>15.81</u>	<u>1.19</u>	<u>0.0</u>	<u>0.00</u>	<u>-50</u>
1245	<u>1</u>	<u>6.79</u>	<u>7.03</u>	<u>15.66</u>	<u>1.14</u>	<u>0.0</u>	<u>0.00</u>	<u>-51</u>
1250	<u>1</u>	<u>6.81</u>	<u>7.03</u>	<u>15.70</u>	<u>1.11</u>	<u>0.0</u>	<u>0.00</u>	<u>-53</u>
1255	<u>1</u>	<u>6.81</u>	<u>7.07</u>	<u>15.97</u>	<u>1.05</u>	<u>0.0</u>	<u>0.00</u>	<u>-57</u>
1300	<u>1</u>	<u>6.81</u>	<u>7.07</u>	<u>15.93</u>	<u>1.07</u>	<u>0.00</u>	<u>0.00</u>	<u>-58</u>
1305								

Purge Volume:

Purging Time:

Purge Rate (gph):

257 gph

Sampling

Time of Sample Collection:

1300

MS, MSD Collected Here

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:

60°F S-10mph NW 56% RH

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) DATE 6/24/25
Ithaca, New York

WELL ID: MW-C16 Time On-site: 1 Time Off-site: 1

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 3.97 Depth to 9 / 14 of screen
 Depth of Well (feet from top of casing/riser)..... 15.78 (top / bottom)

Purging Method

Airlift	Centrifugal	1 in. casing	ft. of water x 0.04 =		gallons
Bailer	Pos. Displ.	2 in. casing:	<u>11.81</u> ft. of water x 0.16 =	<u>1.89</u>	gallons
Peri Pump	Disposable	3 in. casing:	ft. of water x 0.37 =		gallons
(low flow)	Bladder Pump	4 in. casing:	ft. of water x 0.65 =		gallons
<u>X</u>	(Low Flow)	5 in. casing:	ft. of water x 1.02 =		gallons
		6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 2.0 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]
1000	2150	5.16	7.01	20.93	3.05	3.2	5.23	-83
1005		4.70	6.98	19.16	3.04	0.60	4.00	-100
1010		7.39	6.95	19.11	2.360	5.4	3.69	-109
1015		8.37	6.90	19.10	1.74	8.4	3.41	-116
1020		9.15	6.89	18.87	1.85	8.2	3.11	-111
1025		9.53	6.88	18.77	1.99	6.8	2.89	-107
1030		9.53	6.91	18.90	2.15	6.8	2.69	-105
1035		9.53	6.95	18.81	2.33	6.2	2.49	-105
1040		9.53	6.99	18.87	2.37	5.1	2.38	-105
1045		9.53	7.00	18.92	2.38	4.3	2.31	-106

Purge Volume: Purging Time:
 Purge Rate (gph): 2.4 gph

Sampling
 Time of Sample Collection: 1045

Method: Analyses:

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

Observations

Well Observations: Good: Yes (No) Well cover intact. water in well removed
 Weather/Temperature: 84°F Sunny 0-5mph NW 68% Humidity
 Sample description: Clear

Free Product? yes no X describe
 Sheen? yes no X describe
 Odor? yes Y no describe Slight Swamp-like odor

* If No, fill out Monitoring Well Field Inspection Log

FIELD OBSERVATION LOG GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) DATE 6/24/25
Ithaca, New York

WELL ID: MW-13S Time On-site: _____ Time Off-site: _____

SAMPLERS: GTS

Initial static water level (feet from top of casing/riser)..... 6.62 Depth to 7 / 20 of screen
 Depth of Well (feet from top of casing/riser)..... 14.40 (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: 7.78 ft. of water x 0.16 = 1.24 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]
1415	2.50	6.67	7.31	19.87	1.68	97.7	2.167	-104
1420		6.68	7.25	18.59	1.65	46.4	1.11	-76
1425		6.70	7.21/18	17.35	1.43	9.9	0.42	-68
1430		6.70	7.06	17.29	1.23	0.6	0.01	-29
1435		6.70	7.07	17.32	1.21	0.3	0.0	-17
1440		6.72	7.08	17.33	1.22	0.0	0.00	-10
1445		6.72	7.11	17.40	1.22	0.0	0.00	-7
1450		6.72	7.10	17.44	1.22	0.0	0.00	-5

Purge Volume: _____ Purging Time: _____

Purge Rate (gph): 2.75 gph

Sampling

Time of Sample Collection: 1450

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: 90°F 5-10 mph NW 53% RH
 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

FIELD OBSERVATION LOG GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008)
Ithaca, New York

DATE

6/25/2025

WELL ID: MW-22S

Time On-site:

Time Off-site:

SAMPLERS:

GJS

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

4.40
13.66

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

Purging Method

Airlift

Centrifugal

Bailer

Pos. Displ.

Peri Pump
(low flow)

Bladder Pump
(Low Flow)

X

Well Volume Calculation:

1 in. casing _____ ft. of water x 0.04 = _____ gallons
2 in. casing: 9.26 ft. of water x 0.16 = 91.5 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]
0850	2156	4.27	6.94	16.80	0.679	0.0	2.21	194
0855		4.40	6.74	16.65	0.618	0.0	1.07	269
0900		4.45	6.67	16.79	0.615	0.5	0.94	288
0905		4.50	6.63	16.63	0.616	2.9	0.82	300
0910		4.52	6.63	16.63	0.618	4.0	0.75	304
0915		4.52	6.66	16.65	0.616	4.0	0.64	307
0920		4.52	6.70	16.81	0.615	3.7	0.56	307
0925		4.52	6.71	16.84	0.615	3.5	0.58	307

Purge Volume:

Purging Time:

Purge Rate (gph): 1.8 gph

Sampling

Time of Sample Collection:

0925

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)

DWP-1-2025 06
Collected Here

Observations

Well Observations:

Good: Yes / No*

Weather/Temperature:

77°F S-wind NW 73% RH

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 6/24/25

WELL ID: MW-23S

Time On-site: _____

Time Off-site: _____

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser) _____
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. _____

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: _____ ft. of water x 0.16 = _____ 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 _____

purged dry? yes _____

no _____

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]
1520		6.20	6.96	17.5	0.890	5.9	1.28	-30
1525		6.30	6.83	18.7	0.837	0.0	0.1	-33
1530		6.31	6.82	18.62	0.822	0.9	0.04	-32
1535		6.32	6.85	18.42	0.813	7.7	0.00	-34
1540		6.31	6.89	18.84	0.807	11.8	0.00	-30
1545		6.30	6.94	18.70	0.811	11.9	0.0	-37
1550		6.30	6.94	18.58	0.808	11.5	0.0	-30

Purge Volume: _____

Purging Time: _____

Purge Rate (gph): 2.1 gph

Sampling

Time of Sample Collection: 1550

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: _____

Weather/Temperature: 72°F 5-10 mph NW 49% RH

Sample description: Clear

Free Product? yes _____ no X

describe _____

Sheen? yes _____ no X

describe _____

Odor? yes X no _____

describe Very slight methanol like odor

* If No, fill out Monitoring Well Field Inspection Log

FIELD OBSERVATION LOG GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) DATE 6/25/25
Ithaca, New York

WELL ID: MW-46S Time On-site: _____ Time Off-site: _____
SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 4.18
Depth of Well (feet from top of casing/riser)..... 16.88 Depth to 8 / 18 of screen
(top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing _____ ft. of water x 0.04 = _____ gallons
2 in. casing: 12.7 ft. of water x 0.16 = 2.03 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]
11:05	2.50	4.50	7.17	17.90	0.804	202	2.18	-52
11:10		4.60	7.10	17.38	0.737	178	0.15	-60
11:15		4.64	7.08	17.29	0.746	132	0.04	-61
11:20		4.62	7.04	17.27	0.767	104	0.00	-66
11:25		4.63	7.00	17.31	0.779	81.1	0.00	-68
11:30		4.64	7.09	16.40	0.801	31.7	0.00	-76
11:35		4.64	7.09	16.00	0.828	17.9	0.00	-78
11:40		4.64	7.09	16.35	0.823	16.6	0.00	-80
11:45		4.64	7.08	16.51	0.819	21.3	0.00	-80
11:50		4.64	7.07	16.28	0.844	21.3	0.00	-81

Purge Volume: _____ Purging Time: _____

Purge Rate (gph): 2.4 gph

Sampling

Time of Sample Collection: 11:50

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)

Bailed well 1st thing this morning
1st - Upper 4 ft (photo)
- NO NAPL clear water
2nd - To bottom ~ 3" of sediment
3rd - to bottom - no sediment
Slight blackish sheen
from water
Slight intact sheen
from sediments

Observations

Well Observations: Good: (Yes) No: _____

Weather/Temperature: 80°F Sunny 5-10 mph NW 66% RH

Sample description:

Free Product? yes _____ no X describe _____
Sheen? yes _____ no X describe _____
Odor? yes X no _____ describe Naphthalene-like odor

* If No, fill out Monitoring Well Field Inspection Log

FIELD OBSERVATION LOG GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) DATE 6/25/2025
Ithaca, New York

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 3.84 Depth to 4 / 14 of screen
 Depth of Well (feet from top of casing/riser)..... 13.45 (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: 9.61 ft. of water x 0.16 = 1.54 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]
0950	450	4.21	7.12	18.81	3.12	0.0	1.93	-61
0955		4.24	7.15	19.61	3.26	0.0	0.20	-75
1000		4.24	7.16	19.11	3.47	0.0	0.00	-80
1005		4.24	7.17	18.74	3.56	0.01.7	0.00	-82
1010		4.26	7.17	18.87	3.65	1.6	0.00	-83
1015		4.26	7.18	19.37	3.64	1.6	0.00	-84
1020								

Purge Volume: _____ Purging Time: _____
 Purge Rate (gph): 2 gph
 Sampling Time of Sample Collection: 1015

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: 85°F Sunny 5-10 NW 70% RH
 Sample description: Clear
 Free Product? yes _____ no X describe _____
 Sheen? yes _____ no X describe _____
 Odor? yes X no _____ describe Slight gasoline-like odor

ATTACHMENT C

Laboratory Analytical Report

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Gunther Schnorr
D&B Engineers and Architects, P.C.
5879 Fisher Road
PO BOX 56
East Syracuse, New York 13057

Generated 7/3/2025 9:48:41 AM

JOB DESCRIPTION

NYSEG - Court Street OMM

JOB NUMBER

480-230635-1

Eurofins Buffalo

Job Notes

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Authorized for release by
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Definitions/Glossary

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

Job ID: 480-230635-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi 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.

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

Case Narrative

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

Job ID: 480-230635-1

Job ID: 480-230635-1

Eurofins Buffalo

Job Narrative 480-230635-1

Receipt

The samples were received on 6/26/2025 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 2 coolers at receipt time were 2.3° C and 2.8° C.

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-46S_20250625 (480-230635-7). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

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

General Chemistry

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

Organic Prep

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

Eurofins Buffalo

Detection Summary

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

Job ID: 480-230635-1

Client Sample ID: MW-C11_20250624

Lab Sample ID: 480-230635-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.027	B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C12_20250624

Lab Sample ID: 480-230635-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.9		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	1.2		1.0	0.74	ug/L	1		8260C	Total/NA
Total BTEX	3.1		2.0	1.0	ug/L	1		8260C	Total/NA
Acenaphthene	55		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	8.4	J	10	0.91	ug/L	1		8270E	Total/NA
Cyanide, Total	0.017	B F1	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C16_20250624

Lab Sample ID: 480-230635-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	6.0	J	10	1.1	ug/L	1		8270E	Total/NA
Cyanide, Total	0.010	B F1	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-13S_20250624

Lab Sample ID: 480-230635-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.0072	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-22S_20250625

Lab Sample ID: 480-230635-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.019	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Cyanide, Total	0.54		0.020	0.0082	mg/L	2		9012B	Total/NA

Client Sample ID: MW-23S_20250624

Lab Sample ID: 480-230635-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.3		1.0	0.41	ug/L	1		8260C	Total/NA
Toluene	1.4		1.0	0.51	ug/L	1		8260C	Total/NA
Ethylbenzene	41		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	7.9		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	25		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	33		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	77		2.0	1.0	ug/L	1		8260C	Total/NA
Benzo[a]anthracene	0.043	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	7.5	J	10	1.1	ug/L	1		8270E	Total/NA
Anthracene	1.5	J	10	1.3	ug/L	1		8270E	Total/NA
Fluoranthene	1.2	J	10	0.84	ug/L	1		8270E	Total/NA
Fluorene	5.6	J	10	0.91	ug/L	1		8270E	Total/NA
Cyanide, Total	0.0098	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-46S_20250625

Lab Sample ID: 480-230635-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	760		10	4.1	ug/L	10		8260C	Total/NA
Toluene	13		10	5.1	ug/L	10		8260C	Total/NA
Ethylbenzene	720		10	7.4	ug/L	10		8260C	Total/NA
m-Xylene & p-Xylene	80		20	6.6	ug/L	10		8260C	Total/NA
o-Xylene	220		10	7.6	ug/L	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

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

Job ID: 480-230635-1

Client Sample ID: MW-46S_20250625 (Continued)

Lab Sample ID: 480-230635-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	300		20	6.6	ug/L	10		8260C	Total/NA
Total BTEX	1800		20	10	ug/L	10		8260C	Total/NA
Benzo[a]anthracene	0.17		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Benzo[a]pyrene	0.094		0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	0.069		0.050	0.024	ug/L	1		8270E SIM	Total/NA
Benzo[k]fluoranthene	0.031	J	0.050	0.028	ug/L	1		8270E SIM	Total/NA
Acenaphthene	33		10	1.1	ug/L	1		8270E	Total/NA
Acenaphthylene	1.1	J	10	0.82	ug/L	1		8270E	Total/NA
Anthracene	1.5	J	10	1.3	ug/L	1		8270E	Total/NA
Fluorene	8.7	J	10	0.91	ug/L	1		8270E	Total/NA
Phenanthrene	7.2	J	10	1.3	ug/L	1		8270E	Total/NA
Naphthalene - DL	930		20	5.4	ug/L	10		8270E	Total/NA
Cyanide, Total	0.0080	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-48S_20250625

Lab Sample ID: 480-230635-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	37		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	12		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	2.7		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	15		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	18		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	67		2.0	1.0	ug/L	1		8260C	Total/NA
Benzo[a]anthracene	0.022	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	18		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	1.5	J	10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	61		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	2.3	J	10	1.3	ug/L	1		8270E	Total/NA
Cyanide, Total	0.0079	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: DUP-1_202506

Lab Sample ID: 480-230635-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.55		0.020	0.0082	mg/L	2		9012B	Total/NA

Client Sample ID: Trip Blanks_202506

Lab Sample ID: 480-230635-10

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

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

Job ID: 480-230635-1

Client Sample ID: MW-C11_20250624

Lab Sample ID: 480-230635-1

Date Collected: 06/24/25 12:00

Matrix: Water

Date Received: 06/26/25 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			06/27/25 21:15	1
Toluene	1.0	U	1.0	0.51	ug/L			06/27/25 21:15	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/27/25 21:15	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/27/25 21:15	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/27/25 21:15	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/27/25 21:15	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/27/25 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		06/27/25 21:15	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		06/27/25 21:15	1
4-Bromofluorobenzene (Surr)	89		73 - 120		06/27/25 21:15	1
Dibromofluoromethane (Surr)	91		75 - 123		06/27/25 21:15	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		06/28/25 11:00	06/29/25 15:34	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/28/25 11:00	06/29/25 15:34	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/28/25 11:00	06/29/25 15:34	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/28/25 11:00	06/29/25 15:34	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/28/25 11:00	06/29/25 15:34	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/28/25 11:00	06/29/25 15:34	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/28/25 11:00	06/29/25 15:34	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		06/28/25 11:00	06/28/25 15:33	1
Acenaphthylene	10	U	10	0.82	ug/L		06/28/25 11:00	06/28/25 15:33	1
Anthracene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 15:33	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/28/25 11:00	06/28/25 15:33	1
Fluoranthene	10	U	10	0.84	ug/L		06/28/25 11:00	06/28/25 15:33	1
Fluorene	10	U	10	0.91	ug/L		06/28/25 11:00	06/28/25 15:33	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/28/25 11:00	06/28/25 15:33	1
Phenanthrene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 15:33	1
Pyrene	10	U	10	1.6	ug/L		06/28/25 11:00	06/28/25 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	61		38 - 139	06/28/25 11:00	06/28/25 15:33	1
Nitrobenzene-d5 (Surr)	62		39 - 145	06/28/25 11:00	06/28/25 15:33	1
Terphenyl-d14 (Surr)	21		10 - 133	06/28/25 11:00	06/28/25 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.027	B	0.010	0.0041	mg/L			07/02/25 00:13	1

Client Sample Results

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

Job ID: 480-230635-1

Client Sample ID: MW-C12_20250624

Lab Sample ID: 480-230635-2

Date Collected: 06/24/25 13:00

Matrix: Water

Date Received: 06/26/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.9		1.0	0.41	ug/L			06/27/25 21:38	1
Toluene	1.0	U	1.0	0.51	ug/L			06/27/25 21:38	1
Ethylbenzene	1.2		1.0	0.74	ug/L			06/27/25 21:38	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/27/25 21:38	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/27/25 21:38	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/27/25 21:38	1
Total BTEX	3.1		2.0	1.0	ug/L			06/27/25 21:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		06/27/25 21:38	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		06/27/25 21:38	1
4-Bromofluorobenzene (Surr)	87		73 - 120		06/27/25 21:38	1
Dibromofluoromethane (Surr)	88		75 - 123		06/27/25 21:38	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		06/28/25 11:00	06/29/25 19:14	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/28/25 11:00	06/29/25 19:14	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/28/25 11:00	06/29/25 19:14	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/28/25 11:00	06/29/25 19:14	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/28/25 11:00	06/29/25 19:14	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/28/25 11:00	06/29/25 19:14	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/28/25 11:00	06/29/25 19:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	55		10	1.1	ug/L		06/28/25 11:00	06/28/25 19:23	1
Acenaphthylene	10	U	10	0.82	ug/L		06/28/25 11:00	06/28/25 19:23	1
Anthracene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 19:23	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/28/25 11:00	06/28/25 19:23	1
Fluoranthene	10	U	10	0.84	ug/L		06/28/25 11:00	06/28/25 19:23	1
Fluorene	8.4	J	10	0.91	ug/L		06/28/25 11:00	06/28/25 19:23	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/28/25 11:00	06/28/25 19:23	1
Phenanthrene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 19:23	1
Pyrene	10	U	10	1.6	ug/L		06/28/25 11:00	06/28/25 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		38 - 139	06/28/25 11:00	06/28/25 19:23	1
Nitrobenzene-d5 (Surr)	69		39 - 145	06/28/25 11:00	06/28/25 19:23	1
Terphenyl-d14 (Surr)	41		10 - 133	06/28/25 11:00	06/28/25 19:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.017	B F1	0.010	0.0041	mg/L			07/02/25 01:16	1

Client Sample Results

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

Job ID: 480-230635-1

Client Sample ID: MW-C16_20250624

Lab Sample ID: 480-230635-3

Date Collected: 06/24/25 10:45

Matrix: Water

Date Received: 06/26/25 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			06/27/25 22:01	1
Toluene	1.0	U	1.0	0.51	ug/L			06/27/25 22:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/27/25 22:01	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/27/25 22:01	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/27/25 22:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/27/25 22:01	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/27/25 22:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		06/27/25 22:01	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		06/27/25 22:01	1
4-Bromofluorobenzene (Surr)	89		73 - 120		06/27/25 22:01	1
Dibromofluoromethane (Surr)	91		75 - 123		06/27/25 22:01	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		06/28/25 11:00	06/29/25 15:56	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/28/25 11:00	06/29/25 15:56	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/28/25 11:00	06/29/25 15:56	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/28/25 11:00	06/29/25 15:56	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/28/25 11:00	06/29/25 15:56	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/28/25 11:00	06/29/25 15:56	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/28/25 11:00	06/29/25 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	6.0	J	10	1.1	ug/L		06/28/25 11:00	06/28/25 15:56	1
Acenaphthylene	10	U	10	0.82	ug/L		06/28/25 11:00	06/28/25 15:56	1
Anthracene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 15:56	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/28/25 11:00	06/28/25 15:56	1
Fluoranthene	10	U	10	0.84	ug/L		06/28/25 11:00	06/28/25 15:56	1
Fluorene	10	U	10	0.91	ug/L		06/28/25 11:00	06/28/25 15:56	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/28/25 11:00	06/28/25 15:56	1
Phenanthrene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 15:56	1
Pyrene	10	U	10	1.6	ug/L		06/28/25 11:00	06/28/25 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65		38 - 139	06/28/25 11:00	06/28/25 15:56	1
Nitrobenzene-d5 (Surr)	66		39 - 145	06/28/25 11:00	06/28/25 15:56	1
Terphenyl-d14 (Surr)	28		10 - 133	06/28/25 11:00	06/28/25 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	B F1	0.010	0.0041	mg/L			07/02/25 00:36	1

Client Sample Results

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

Job ID: 480-230635-1

Client Sample ID: MW-13S_20250624

Lab Sample ID: 480-230635-4

Date Collected: 06/24/25 14:50

Matrix: Water

Date Received: 06/26/25 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			06/27/25 17:13	1
Toluene	1.0	U	1.0	0.51	ug/L			06/27/25 17:13	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/27/25 17:13	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/27/25 17:13	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/27/25 17:13	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/27/25 17:13	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/27/25 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		06/27/25 17:13	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		06/27/25 17:13	1
4-Bromofluorobenzene (Surr)	101		73 - 120		06/27/25 17:13	1
Dibromofluoromethane (Surr)	97		75 - 123		06/27/25 17:13	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		06/28/25 11:00	06/29/25 16:18	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/28/25 11:00	06/29/25 16:18	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/28/25 11:00	06/29/25 16:18	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/28/25 11:00	06/29/25 16:18	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/28/25 11:00	06/29/25 16:18	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/28/25 11:00	06/29/25 16:18	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/28/25 11:00	06/29/25 16:18	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		06/28/25 11:00	06/28/25 16:19	1
Acenaphthylene	10	U	10	0.82	ug/L		06/28/25 11:00	06/28/25 16:19	1
Anthracene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 16:19	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/28/25 11:00	06/28/25 16:19	1
Fluoranthene	10	U	10	0.84	ug/L		06/28/25 11:00	06/28/25 16:19	1
Fluorene	10	U	10	0.91	ug/L		06/28/25 11:00	06/28/25 16:19	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/28/25 11:00	06/28/25 16:19	1
Phenanthrene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 16:19	1
Pyrene	10	U	10	1.6	ug/L		06/28/25 11:00	06/28/25 16:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		38 - 139	06/28/25 11:00	06/28/25 16:19	1
Nitrobenzene-d5 (Surr)	72		39 - 145	06/28/25 11:00	06/28/25 16:19	1
Terphenyl-d14 (Surr)	41		10 - 133	06/28/25 11:00	06/28/25 16:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.0072	J B	0.010	0.0041	mg/L			07/02/25 00:43	1

Client Sample Results

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

Job ID: 480-230635-1

Client Sample ID: MW-22S_20250625

Lab Sample ID: 480-230635-5

Date Collected: 06/25/25 09:25

Matrix: Water

Date Received: 06/26/25 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			06/27/25 17:34	1
Toluene	1.0	U	1.0	0.51	ug/L			06/27/25 17:34	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/27/25 17:34	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/27/25 17:34	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/27/25 17:34	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/27/25 17:34	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/27/25 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		06/27/25 17:34	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		06/27/25 17:34	1
4-Bromofluorobenzene (Surr)	100		73 - 120		06/27/25 17:34	1
Dibromofluoromethane (Surr)	99		75 - 123		06/27/25 17:34	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	0.019	J	0.050	0.016	ug/L		06/28/25 11:00	06/29/25 16:40	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/28/25 11:00	06/29/25 16:40	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/28/25 11:00	06/29/25 16:40	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/28/25 11:00	06/29/25 16:40	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/28/25 11:00	06/29/25 16:40	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/28/25 11:00	06/29/25 16:40	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/28/25 11:00	06/29/25 16:40	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		06/28/25 11:00	06/28/25 16:42	1
Acenaphthylene	10	U	10	0.82	ug/L		06/28/25 11:00	06/28/25 16:42	1
Anthracene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 16:42	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/28/25 11:00	06/28/25 16:42	1
Fluoranthene	10	U	10	0.84	ug/L		06/28/25 11:00	06/28/25 16:42	1
Fluorene	10	U	10	0.91	ug/L		06/28/25 11:00	06/28/25 16:42	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/28/25 11:00	06/28/25 16:42	1
Phenanthrene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 16:42	1
Pyrene	10	U	10	1.6	ug/L		06/28/25 11:00	06/28/25 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	69		38 - 139	06/28/25 11:00	06/28/25 16:42	1
Nitrobenzene-d5 (Surr)	66		39 - 145	06/28/25 11:00	06/28/25 16:42	1
Terphenyl-d14 (Surr)	33		10 - 133	06/28/25 11:00	06/28/25 16:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.54		0.020	0.0082	mg/L			07/02/25 21:14	2

Client Sample Results

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

Job ID: 480-230635-1

Client Sample ID: MW-23S_20250624

Lab Sample ID: 480-230635-6

Date Collected: 06/24/25 15:50

Matrix: Water

Date Received: 06/26/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.3		1.0	0.41	ug/L			06/27/25 17:57	1
Toluene	1.4		1.0	0.51	ug/L			06/27/25 17:57	1
Ethylbenzene	41		1.0	0.74	ug/L			06/27/25 17:57	1
m-Xylene & p-Xylene	7.9		2.0	0.66	ug/L			06/27/25 17:57	1
o-Xylene	25		1.0	0.76	ug/L			06/27/25 17:57	1
Xylenes, Total	33		2.0	0.66	ug/L			06/27/25 17:57	1
Total BTEX	77		2.0	1.0	ug/L			06/27/25 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		06/27/25 17:57	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		06/27/25 17:57	1
4-Bromofluorobenzene (Surr)	95		73 - 120		06/27/25 17:57	1
Dibromofluoromethane (Surr)	100		75 - 123		06/27/25 17:57	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	0.043	J	0.050	0.016	ug/L		06/28/25 11:00	06/29/25 17:02	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/28/25 11:00	06/29/25 17:02	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/28/25 11:00	06/29/25 17:02	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/28/25 11:00	06/29/25 17:02	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/28/25 11:00	06/29/25 17:02	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/28/25 11:00	06/29/25 17:02	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/28/25 11:00	06/29/25 17:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	7.5	J	10	1.1	ug/L		06/28/25 11:00	06/28/25 17:05	1
Acenaphthylene	10	U	10	0.82	ug/L		06/28/25 11:00	06/28/25 17:05	1
Anthracene	1.5	J	10	1.3	ug/L		06/28/25 11:00	06/28/25 17:05	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/28/25 11:00	06/28/25 17:05	1
Fluoranthene	1.2	J	10	0.84	ug/L		06/28/25 11:00	06/28/25 17:05	1
Fluorene	5.6	J	10	0.91	ug/L		06/28/25 11:00	06/28/25 17:05	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/28/25 11:00	06/28/25 17:05	1
Phenanthrene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 17:05	1
Pyrene	10	U	10	1.6	ug/L		06/28/25 11:00	06/28/25 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	64		38 - 139	06/28/25 11:00	06/28/25 17:05	1
Nitrobenzene-d5 (Surr)	65		39 - 145	06/28/25 11:00	06/28/25 17:05	1
Terphenyl-d14 (Surr)	34		10 - 133	06/28/25 11:00	06/28/25 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.0098	J B	0.010	0.0041	mg/L			07/02/25 00:50	1

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Client Sample Results

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

Job ID: 480-230635-1

Client Sample ID: MW-46S_20250625

Lab Sample ID: 480-230635-7

Date Collected: 06/25/25 11:50

Matrix: Water

Date Received: 06/26/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	760		10	4.1	ug/L			06/27/25 18:19	10
Toluene	13		10	5.1	ug/L			06/27/25 18:19	10
Ethylbenzene	720		10	7.4	ug/L			06/27/25 18:19	10
m-Xylene & p-Xylene	80		20	6.6	ug/L			06/27/25 18:19	10
o-Xylene	220		10	7.6	ug/L			06/27/25 18:19	10
Xylenes, Total	300		20	6.6	ug/L			06/27/25 18:19	10
Total BTEX	1800		20	10	ug/L			06/27/25 18:19	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		06/27/25 18:19	10
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		06/27/25 18:19	10
4-Bromofluorobenzene (Surr)	96		73 - 120		06/27/25 18:19	10
Dibromofluoromethane (Surr)	99		75 - 123		06/27/25 18:19	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	0.17		0.050	0.016	ug/L		06/28/25 11:00	06/29/25 17:24	1
Benzo[a]pyrene	0.094		0.050	0.022	ug/L		06/28/25 11:00	06/29/25 17:24	1
Benzo[b]fluoranthene	0.069		0.050	0.024	ug/L		06/28/25 11:00	06/29/25 17:24	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/28/25 11:00	06/29/25 17:24	1
Benzo[k]fluoranthene	0.031	J	0.050	0.028	ug/L		06/28/25 11:00	06/29/25 17:24	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/28/25 11:00	06/29/25 17:24	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/28/25 11:00	06/29/25 17:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	33		10	1.1	ug/L		06/28/25 11:00	06/28/25 17:28	1
Acenaphthylene	1.1	J	10	0.82	ug/L		06/28/25 11:00	06/28/25 17:28	1
Anthracene	1.5	J	10	1.3	ug/L		06/28/25 11:00	06/28/25 17:28	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/28/25 11:00	06/28/25 17:28	1
Fluoranthene	10	U	10	0.84	ug/L		06/28/25 11:00	06/28/25 17:28	1
Fluorene	8.7	J	10	0.91	ug/L		06/28/25 11:00	06/28/25 17:28	1
Phenanthrene	7.2	J	10	1.3	ug/L		06/28/25 11:00	06/28/25 17:28	1
Pyrene	10	U	10	1.6	ug/L		06/28/25 11:00	06/28/25 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		38 - 139	06/28/25 11:00	06/28/25 17:28	1
Nitrobenzene-d5 (Surr)	73		39 - 145	06/28/25 11:00	06/28/25 17:28	1
Terphenyl-d14 (Surr)	41		10 - 133	06/28/25 11:00	06/28/25 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	930		20	5.4	ug/L		06/28/25 11:00	06/29/25 18:51	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	83		38 - 139	06/28/25 11:00	06/29/25 18:51	10
Nitrobenzene-d5 (Surr)	82		39 - 145	06/28/25 11:00	06/29/25 18:51	10
Terphenyl-d14 (Surr)	42		10 - 133	06/28/25 11:00	06/29/25 18:51	10

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Client Sample Results

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

Job ID: 480-230635-1

Client Sample ID: MW-46S_20250625

Lab Sample ID: 480-230635-7

Date Collected: 06/25/25 11:50

Matrix: Water

Date Received: 06/26/25 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.0080	J B	0.010	0.0041	mg/L			07/02/25 00:53	1

Client Sample ID: MW-48S_20250625

Lab Sample ID: 480-230635-8

Date Collected: 06/25/25 10:15

Matrix: Water

Date Received: 06/26/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	37		1.0	0.41	ug/L			06/27/25 18:41	1
Toluene	1.0	U	1.0	0.51	ug/L			06/27/25 18:41	1
Ethylbenzene	12		1.0	0.74	ug/L			06/27/25 18:41	1
m-Xylene & p-Xylene	2.7		2.0	0.66	ug/L			06/27/25 18:41	1
o-Xylene	15		1.0	0.76	ug/L			06/27/25 18:41	1
Xylenes, Total	18		2.0	0.66	ug/L			06/27/25 18:41	1
Total BTEX	67		2.0	1.0	ug/L			06/27/25 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		06/27/25 18:41	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		06/27/25 18:41	1
4-Bromofluorobenzene (Surr)	95		73 - 120		06/27/25 18:41	1
Dibromofluoromethane (Surr)	99		75 - 123		06/27/25 18:41	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	0.022	J	0.050	0.016	ug/L		06/28/25 11:00	06/29/25 17:46	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/28/25 11:00	06/29/25 17:46	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/28/25 11:00	06/29/25 17:46	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/28/25 11:00	06/29/25 17:46	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/28/25 11:00	06/29/25 17:46	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/28/25 11:00	06/29/25 17:46	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/28/25 11:00	06/29/25 17:46	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		06/28/25 11:00	06/28/25 17:51	1
Acenaphthylene	10	U	10	0.82	ug/L		06/28/25 11:00	06/28/25 17:51	1
Anthracene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 17:51	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/28/25 11:00	06/28/25 17:51	1
Fluoranthene	10	U	10	0.84	ug/L		06/28/25 11:00	06/28/25 17:51	1
Fluorene	1.5	J	10	0.91	ug/L		06/28/25 11:00	06/28/25 17:51	1
Naphthalene	61		2.0	0.54	ug/L		06/28/25 11:00	06/28/25 17:51	1
Phenanthrene	2.3	J	10	1.3	ug/L		06/28/25 11:00	06/28/25 17:51	1
Pyrene	10	U	10	1.6	ug/L		06/28/25 11:00	06/28/25 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	69		38 - 139	06/28/25 11:00	06/28/25 17:51	1
Nitrobenzene-d5 (Surr)	68		39 - 145	06/28/25 11:00	06/28/25 17:51	1
Terphenyl-d14 (Surr)	52		10 - 133	06/28/25 11:00	06/28/25 17:51	1

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Client Sample Results

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

Job ID: 480-230635-1

Client Sample ID: MW-48S_20250625

Lab Sample ID: 480-230635-8

Date Collected: 06/25/25 10:15

Matrix: Water

Date Received: 06/26/25 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.0079	J B	0.010	0.0041	mg/L			07/02/25 00:56	1

Client Sample ID: DUP-1_202506

Lab Sample ID: 480-230635-9

Date Collected: 06/25/25 00:00

Matrix: Water

Date Received: 06/26/25 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			06/27/25 19:04	1
Toluene	1.0	U	1.0	0.51	ug/L			06/27/25 19:04	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/27/25 19:04	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/27/25 19:04	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/27/25 19:04	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/27/25 19:04	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/27/25 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		06/27/25 19:04	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		06/27/25 19:04	1
4-Bromofluorobenzene (Surr)	102		73 - 120		06/27/25 19:04	1
Dibromofluoromethane (Surr)	98		75 - 123		06/27/25 19:04	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	0.050	U	0.050	0.016	ug/L		06/28/25 11:00	06/29/25 18:08	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/28/25 11:00	06/29/25 18:08	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/28/25 11:00	06/29/25 18:08	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/28/25 11:00	06/29/25 18:08	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/28/25 11:00	06/29/25 18:08	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/28/25 11:00	06/29/25 18:08	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/28/25 11:00	06/29/25 18:08	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		06/28/25 11:00	06/28/25 18:14	1
Acenaphthylene	10	U	10	0.82	ug/L		06/28/25 11:00	06/28/25 18:14	1
Anthracene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 18:14	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/28/25 11:00	06/28/25 18:14	1
Fluoranthene	10	U	10	0.84	ug/L		06/28/25 11:00	06/28/25 18:14	1
Fluorene	10	U	10	0.91	ug/L		06/28/25 11:00	06/28/25 18:14	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/28/25 11:00	06/28/25 18:14	1
Phenanthrene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 18:14	1
Pyrene	10	U	10	1.6	ug/L		06/28/25 11:00	06/28/25 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	118		38 - 139	06/28/25 11:00	06/28/25 18:14	1
Nitrobenzene-d5 (Surr)	112		39 - 145	06/28/25 11:00	06/28/25 18:14	1
Terphenyl-d14 (Surr)	105		10 - 133	06/28/25 11:00	06/28/25 18:14	1

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Client Sample Results

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

Job ID: 480-230635-1

Client Sample ID: DUP-1_202506

Lab Sample ID: 480-230635-9

Date Collected: 06/25/25 00:00

Matrix: Water

Date Received: 06/26/25 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.55		0.020	0.0082	mg/L			07/02/25 21:18	2

Client Sample ID: Trip Blanks_202506

Lab Sample ID: 480-230635-10

Date Collected: 06/25/25 12:00

Matrix: Water

Date Received: 06/26/25 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			06/27/25 19:26	1
Toluene	1.0	U	1.0	0.51	ug/L			06/27/25 19:26	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/27/25 19:26	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/27/25 19:26	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/27/25 19:26	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/27/25 19:26	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/27/25 19:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		06/27/25 19:26	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		06/27/25 19:26	1
4-Bromofluorobenzene (Surr)	103		73 - 120		06/27/25 19:26	1
Dibromofluoromethane (Surr)	99		75 - 123		06/27/25 19:26	1

Surrogate Summary

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

Job ID: 480-230635-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-230635-1	MW-C11_20250624	101	106	89	91
480-230635-2	MW-C12_20250624	98	105	87	88
480-230635-2 MS	MW-C12_20250624	101	105	88	91
480-230635-2 MSD	MW-C12_20250624	100	105	86	91
480-230635-3	MW-C16_20250624	98	101	89	91
480-230635-4	MW-13S_20250624	98	98	101	97
480-230635-5	MW-22S_20250625	100	99	100	99
480-230635-6	MW-23S_20250624	100	103	95	100
480-230635-7	MW-46S_20250625	101	99	96	99
480-230635-8	MW-48S_20250625	97	100	95	99
480-230635-9	DUP-1_202506	96	98	102	98
480-230635-10	Trip Blanks_202506	100	99	103	99
LCS 480-750256/6	Lab Control Sample	101	101	87	94
LCS 480-750297/6	Lab Control Sample	102	99	96	96
MB 480-750256/8	Method Blank	102	102	89	91
MB 480-750297/8	Method Blank	95	98	100	97
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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (38-139)	NBZ (39-145)	TPHL (10-133)
480-230635-1	MW-C11_20250624	61	62	21
480-230635-2	MW-C12_20250624	71	69	41
480-230635-2 MS	MW-C12_20250624	71	70	41
480-230635-2 MSD	MW-C12_20250624	65	63	38
480-230635-3	MW-C16_20250624	65	66	28
480-230635-4	MW-13S_20250624	72	72	41
480-230635-5	MW-22S_20250625	69	66	33
480-230635-6	MW-23S_20250624	64	65	34
480-230635-7	MW-46S_20250625	74	73	41
480-230635-7 - DL	MW-46S_20250625	83	82	42
480-230635-8	MW-48S_20250625	69	68	52
480-230635-9	DUP-1_202506	118	112	105
LCS 460-1046769/2-A	Lab Control Sample	87	86	101
LCSD 460-1046769/3-A	Lab Control Sample Dup	88	86	104
MB 460-1046769/1-A	Method Blank	73	75	73
Surrogate Legend				
FBP = 2-Fluorobiphenyl				
NBZ = Nitrobenzene-d5 (Surr)				
TPHL = Terphenyl-d14 (Surr)				

QC Sample Results

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

Job ID: 480-230635-1

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

Lab Sample ID: MB 480-750256/8

Matrix: Water

Analysis Batch: 750256

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			06/27/25 14:02	1
Toluene	1.0	U	1.0	0.51	ug/L			06/27/25 14:02	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/27/25 14:02	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/27/25 14:02	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/27/25 14:02	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/27/25 14:02	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/27/25 14:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		06/27/25 14:02	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/27/25 14:02	1
4-Bromofluorobenzene (Surr)	89		73 - 120		06/27/25 14:02	1
Dibromofluoromethane (Surr)	91		75 - 123		06/27/25 14:02	1

Lab Sample ID: LCS 480-750256/6

Matrix: Water

Analysis Batch: 750256

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	26.6		ug/L		106	71 - 124
Toluene	25.0	26.6		ug/L		107	80 - 122
Ethylbenzene	25.0	26.9		ug/L		107	77 - 123
m-Xylene & p-Xylene	25.0	25.3		ug/L		101	76 - 122
o-Xylene	25.0	25.9		ug/L		103	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	87		73 - 120
Dibromofluoromethane (Surr)	94		75 - 123

Lab Sample ID: 480-230635-2 MS

Matrix: Water

Analysis Batch: 750256

Client Sample ID: MW-C12_20250624

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.9		25.0	30.4		ug/L		114	71 - 124
Toluene	1.0	U	25.0	29.1		ug/L		116	80 - 122
Ethylbenzene	1.2		25.0	30.4		ug/L		117	77 - 123
m-Xylene & p-Xylene	2.0	U	25.0	27.8		ug/L		111	76 - 122
o-Xylene	1.0	U	25.0	27.9		ug/L		112	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	88		73 - 120
Dibromofluoromethane (Surr)	91		75 - 123

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QC Sample Results

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

Job ID: 480-230635-1

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

Lab Sample ID: 480-230635-2 MSD

Matrix: Water

Analysis Batch: 750256

Client Sample ID: MW-C12_20250624

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	1.9		25.0	29.5		ug/L		111	71 - 124	3	13
Toluene	1.0	U	25.0	27.9		ug/L		112	80 - 122	4	15
Ethylbenzene	1.2		25.0	29.8		ug/L		114	77 - 123	2	15
m-Xylene & p-Xylene	2.0	U	25.0	26.5		ug/L		106	76 - 122	5	16
o-Xylene	1.0	U	25.0	26.8		ug/L		107	76 - 122	4	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	86		73 - 120
Dibromofluoromethane (Surr)	91		75 - 123

Lab Sample ID: MB 480-750297/8

Matrix: Water

Analysis Batch: 750297

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			06/27/25 16:45	1
Toluene	1.0	U	1.0	0.51	ug/L			06/27/25 16:45	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/27/25 16:45	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/27/25 16:45	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/27/25 16:45	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/27/25 16:45	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/27/25 16:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		06/27/25 16:45	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		06/27/25 16:45	1
4-Bromofluorobenzene (Surr)	100		73 - 120		06/27/25 16:45	1
Dibromofluoromethane (Surr)	97		75 - 123		06/27/25 16:45	1

Lab Sample ID: LCS 480-750297/6

Matrix: Water

Analysis Batch: 750297

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	25.2		ug/L		101	71 - 124
Toluene	25.0	26.1		ug/L		104	80 - 122
Ethylbenzene	25.0	26.1		ug/L		105	77 - 123
m-Xylene & p-Xylene	25.0	26.9		ug/L		108	76 - 122
o-Xylene	25.0	26.7		ug/L		107	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	102		80 - 120
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Dibromofluoromethane (Surr)	96		75 - 123

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QC Sample Results

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

Job ID: 480-230635-1

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

Lab Sample ID: MB 460-1046769/1-A

Matrix: Water

Analysis Batch: 1046780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1046769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		06/28/25 11:00	06/28/25 13:52	1
Acenaphthylene	10	U	10	0.82	ug/L		06/28/25 11:00	06/28/25 13:52	1
Anthracene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 13:52	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/28/25 11:00	06/28/25 13:52	1
Fluoranthene	10	U	10	0.84	ug/L		06/28/25 11:00	06/28/25 13:52	1
Fluorene	10	U	10	0.91	ug/L		06/28/25 11:00	06/28/25 13:52	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/28/25 11:00	06/28/25 13:52	1
Phenanthrene	10	U	10	1.3	ug/L		06/28/25 11:00	06/28/25 13:52	1
Pyrene	10	U	10	1.6	ug/L		06/28/25 11:00	06/28/25 13:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	73		38 - 139	06/28/25 11:00	06/28/25 13:52	1
Nitrobenzene-d5 (Surr)	75		39 - 145	06/28/25 11:00	06/28/25 13:52	1
Terphenyl-d14 (Surr)	73		10 - 133	06/28/25 11:00	06/28/25 13:52	1

Lab Sample ID: LCS 460-1046769/2-A

Matrix: Water

Analysis Batch: 1046780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1046769

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	80.0	72.7		ug/L		91	58 - 127
Acenaphthylene	80.0	74.2		ug/L		93	63 - 133
Anthracene	80.0	82.5		ug/L		103	59 - 127
Chrysene	80.0	75.9		ug/L		95	57 - 132
Fluoranthene	80.0	87.6		ug/L		109	59 - 137
Fluorene	80.0	81.6		ug/L		102	61 - 125
Naphthalene	80.0	67.0		ug/L		84	45 - 126
Phenanthrene	80.0	82.4		ug/L		103	58 - 126
Pyrene	80.0	80.9		ug/L		101	53 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	87		38 - 139
Nitrobenzene-d5 (Surr)	86		39 - 145
Terphenyl-d14 (Surr)	101		10 - 133

Lab Sample ID: LCSD 460-1046769/3-A

Matrix: Water

Analysis Batch: 1046780

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1046769

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	80.0	71.8		ug/L		90	58 - 127	1	30
Acenaphthylene	80.0	74.5		ug/L		93	63 - 133	0	30
Anthracene	80.0	82.0		ug/L		102	59 - 127	1	30
Chrysene	80.0	76.4		ug/L		95	57 - 132	1	30
Fluoranthene	80.0	87.1		ug/L		109	59 - 137	1	30
Fluorene	80.0	82.7		ug/L		103	61 - 125	1	30
Naphthalene	80.0	67.7		ug/L		85	45 - 126	1	30
Phenanthrene	80.0	81.2		ug/L		101	58 - 126	1	30

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QC Sample Results

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

Job ID: 480-230635-1

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

Lab Sample ID: LCSD 460-1046769/3-A

Matrix: Water

Analysis Batch: 1046780

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1046769

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene	80.0	83.9		ug/L		105	53 - 137	4	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
2-Fluorobiphenyl	88		38 - 139						
Nitrobenzene-d5 (Surr)	86		39 - 145						
Terphenyl-d14 (Surr)	104		10 - 133						

Lab Sample ID: 480-230635-2 MS

Matrix: Water

Analysis Batch: 1046780

Client Sample ID: MW-C12_20250624

Prep Type: Total/NA

Prep Batch: 1046769

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Acenaphthene	55		40.0	83.8		ug/L		73	58 - 127		
Acenaphthylene	10	U	40.0	39.6		ug/L		99	63 - 133		
Anthracene	10	U	40.0	39.3		ug/L		98	59 - 127		
Chrysene	2.0	U	40.0	36.1		ug/L		90	57 - 132		
Fluoranthene	10	U	40.0	41.1		ug/L		103	59 - 137		
Fluorene	8.4	J	40.0	49.2		ug/L		102	61 - 125		
Naphthalene	2.0	U	40.0	39.8		ug/L		99	45 - 126		
Phenanthrene	10	U	40.0	39.1		ug/L		98	58 - 126		
Pyrene	10	U	40.0	39.0		ug/L		98	53 - 137		

Lab Sample ID: 480-230635-2 MSD

Matrix: Water

Analysis Batch: 1046780

Client Sample ID: MW-C12_20250624

Prep Type: Total/NA

Prep Batch: 1046769

	Sample	Sample	Spike	MSD	MSD						%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		RPD	Limit	
Acenaphthene	55		40.0	78.5		ug/L		60	58 - 127		7	30	
Acenaphthylene	10	U	40.0	35.8		ug/L		89	63 - 133		10	30	
Anthracene	10	U	40.0	36.5		ug/L		91	59 - 127		7	30	
Chrysene	2.0	U	40.0	33.9		ug/L		85	57 - 132		6	30	
Fluoranthene	10	U	40.0	38.3		ug/L		96	59 - 137		7	30	
Fluorene	8.4	J	40.0	44.4		ug/L		90	61 - 125		10	30	
Naphthalene	2.0	U	40.0	35.5		ug/L		89	45 - 126		11	30	
Phenanthrene	10	U	40.0	36.1		ug/L		90	58 - 126		8	30	
Pyrene	10	U	40.0	35.7		ug/L		89	53 - 137		9	30	

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QC Sample Results

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

Job ID: 480-230635-1

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

Lab Sample ID: MB 460-1046769/1-A

Matrix: Water

Analysis Batch: 1046904

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1046769

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		06/28/25 11:00	06/29/25 14:28	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/28/25 11:00	06/29/25 14:28	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/28/25 11:00	06/29/25 14:28	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/28/25 11:00	06/29/25 14:28	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/28/25 11:00	06/29/25 14:28	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/28/25 11:00	06/29/25 14:28	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/28/25 11:00	06/29/25 14:28	1

Lab Sample ID: LCS 460-1046769/4-A

Matrix: Water

Analysis Batch: 1046904

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1046769

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	2.00	1.40		ug/L		70	47 - 150
Benzo[a]pyrene	2.00	1.38		ug/L		69	34 - 150
Benzo[b]fluoranthene	2.00	1.37		ug/L		68	33 - 150
Benzo[g,h,i]perylene	2.00	1.35		ug/L		67	19 - 150
Benzo[k]fluoranthene	2.00	1.47		ug/L		73	30 - 150
Dibenz(a,h)anthracene	2.00	1.48		ug/L		74	12 - 150
Indeno[1,2,3-cd]pyrene	2.00	1.47		ug/L		74	14 - 134

Lab Sample ID: LCSD 460-1046769/5-A

Matrix: Water

Analysis Batch: 1046904

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1046769

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	2.00	1.29		ug/L		65	47 - 150	8	30
Benzo[a]pyrene	2.00	1.39		ug/L		69	34 - 150	0	30
Benzo[b]fluoranthene	2.00	1.39		ug/L		70	33 - 150	2	30
Benzo[g,h,i]perylene	2.00	1.34		ug/L		67	19 - 150	0	30
Benzo[k]fluoranthene	2.00	1.42		ug/L		71	30 - 150	4	30
Dibenz(a,h)anthracene	2.00	1.49		ug/L		75	12 - 150	1	30
Indeno[1,2,3-cd]pyrene	2.00	1.54		ug/L		77	14 - 134	4	30

Lab Sample ID: 480-230635-2 MS

Matrix: Water

Analysis Batch: 1046904

Client Sample ID: MW-C12_20250624

Prep Type: Total/NA

Prep Batch: 1046769

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	0.050	U	40.0	33.8		ug/L		85	47 - 150
Benzo[a]pyrene	0.050	U	40.0	36.9		ug/L		92	34 - 150
Benzo[b]fluoranthene	0.050	U	40.0	33.4		ug/L		84	33 - 150
Benzo[g,h,i]perylene	0.050	U	40.0	37.1		ug/L		93	19 - 150
Benzo[k]fluoranthene	0.050	U	40.0	32.0		ug/L		80	30 - 150
Dibenz(a,h)anthracene	0.050	U	40.0	42.2		ug/L		105	12 - 150
Indeno[1,2,3-cd]pyrene	0.050	U	40.0	45.3		ug/L		113	14 - 134

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QC Sample Results

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

Job ID: 480-230635-1

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

Lab Sample ID: 480-230635-2 MSD

Matrix: Water

Analysis Batch: 1046904

Client Sample ID: MW-C12_20250624

Prep Type: Total/NA

Prep Batch: 1046769

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	40.0	35.1		ug/L		88	47 - 150	4	30
Benzo[a]pyrene	0.050	U	40.0	38.7		ug/L		97	34 - 150	5	30
Benzo[b]fluoranthene	0.050	U	40.0	32.0		ug/L		80	33 - 150	4	30
Benzo[g,h,i]perylene	0.050	U	40.0	38.3		ug/L		96	19 - 150	3	30
Benzo[k]fluoranthene	0.050	U	40.0	37.2		ug/L		93	30 - 150	15	30
Dibenz[a,h]anthracene	0.050	U	40.0	43.9		ug/L		110	12 - 150	4	30
Indeno[1,2,3-cd]pyrene	0.050	U	40.0	47.4		ug/L		119	14 - 134	5	30

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

Lab Sample ID: MB 480-750770/21

Matrix: Water

Analysis Batch: 750770

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00600	J	0.010	0.0041	mg/L			07/01/25 23:02	1

Lab Sample ID: MB 480-750770/47

Matrix: Water

Analysis Batch: 750770

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00830	J	0.010	0.0041	mg/L			07/02/25 00:29	1

Lab Sample ID: HLCS 480-750770/22

Matrix: Water

Analysis Batch: 750770

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	0.400		mg/L		100	90 - 110

Lab Sample ID: LCS 480-750770/23

Matrix: Water

Analysis Batch: 750770

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	0.250		mg/L		100	90 - 110

Lab Sample ID: LCS 480-750770/48

Matrix: Water

Analysis Batch: 750770

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	0.245		mg/L		98	90 - 110

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QC Sample Results

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

Job ID: 480-230635-1

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

Lab Sample ID: 480-230635-2 MS

Matrix: Water

Analysis Batch: 750770

Client Sample ID: MW-C12_20250624

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.017	B F1	0.100	0.106	F1	mg/L		88	90 - 110

Lab Sample ID: 480-230635-2 MSD

Matrix: Water

Analysis Batch: 750770

Client Sample ID: MW-C12_20250624

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	0.017	B F1	0.100	0.109		mg/L		91	90 - 110	3	15

Lab Sample ID: 480-230635-3 MS

Matrix: Water

Analysis Batch: 750770

Client Sample ID: MW-C16_20250624

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.010	B F1	0.100	0.0941	F1	mg/L		84	90 - 110

Lab Sample ID: MB 480-750803/21

Matrix: Water

Analysis Batch: 750803

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			07/02/25 20:54	1

Lab Sample ID: HLCS 480-750803/22

Matrix: Water

Analysis Batch: 750803

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	0.408		mg/L		102	90 - 110

Lab Sample ID: LCS 480-750803/23

Matrix: Water

Analysis Batch: 750803

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	0.248		mg/L		99	90 - 110

QC Association Summary

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

Job ID: 480-230635-1

GC/MS VOA

Analysis Batch: 750256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230635-1	MW-C11_20250624	Total/NA	Water	8260C	
480-230635-2	MW-C12_20250624	Total/NA	Water	8260C	
480-230635-3	MW-C16_20250624	Total/NA	Water	8260C	
MB 480-750256/8	Method Blank	Total/NA	Water	8260C	
LCS 480-750256/6	Lab Control Sample	Total/NA	Water	8260C	
480-230635-2 MS	MW-C12_20250624	Total/NA	Water	8260C	
480-230635-2 MSD	MW-C12_20250624	Total/NA	Water	8260C	

Analysis Batch: 750297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230635-4	MW-13S_20250624	Total/NA	Water	8260C	
480-230635-5	MW-22S_20250625	Total/NA	Water	8260C	
480-230635-6	MW-23S_20250624	Total/NA	Water	8260C	
480-230635-7	MW-46S_20250625	Total/NA	Water	8260C	
480-230635-8	MW-48S_20250625	Total/NA	Water	8260C	
480-230635-9	DUP-1_202506	Total/NA	Water	8260C	
480-230635-10	Trip Blanks_202506	Total/NA	Water	8260C	
MB 480-750297/8	Method Blank	Total/NA	Water	8260C	
LCS 480-750297/6	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 1046769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230635-1	MW-C11_20250624	Total/NA	Water	3510C	
480-230635-2	MW-C12_20250624	Total/NA	Water	3510C	
480-230635-3	MW-C16_20250624	Total/NA	Water	3510C	
480-230635-4	MW-13S_20250624	Total/NA	Water	3510C	
480-230635-5	MW-22S_20250625	Total/NA	Water	3510C	
480-230635-6	MW-23S_20250624	Total/NA	Water	3510C	
480-230635-7	MW-46S_20250625	Total/NA	Water	3510C	
480-230635-7 - DL	MW-46S_20250625	Total/NA	Water	3510C	
480-230635-8	MW-48S_20250625	Total/NA	Water	3510C	
480-230635-9	DUP-1_202506	Total/NA	Water	3510C	
MB 460-1046769/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1046769/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-1046769/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1046769/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-1046769/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	
480-230635-2 MS	MW-C12_20250624	Total/NA	Water	3510C	
480-230635-2 MSD	MW-C12_20250624	Total/NA	Water	3510C	

Analysis Batch: 1046780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230635-1	MW-C11_20250624	Total/NA	Water	8270E	1046769
480-230635-2	MW-C12_20250624	Total/NA	Water	8270E	1046769
480-230635-3	MW-C16_20250624	Total/NA	Water	8270E	1046769
480-230635-4	MW-13S_20250624	Total/NA	Water	8270E	1046769
480-230635-5	MW-22S_20250625	Total/NA	Water	8270E	1046769
480-230635-6	MW-23S_20250624	Total/NA	Water	8270E	1046769
480-230635-7	MW-46S_20250625	Total/NA	Water	8270E	1046769

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QC Association Summary

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

Job ID: 480-230635-1

GC/MS Semi VOA (Continued)

Analysis Batch: 1046780 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230635-8	MW-48S_20250625	Total/NA	Water	8270E	1046769
480-230635-9	DUP-1_202506	Total/NA	Water	8270E	1046769
MB 460-1046769/1-A	Method Blank	Total/NA	Water	8270E	1046769
LCS 460-1046769/2-A	Lab Control Sample	Total/NA	Water	8270E	1046769
LCSD 460-1046769/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1046769
480-230635-2 MS	MW-C12_20250624	Total/NA	Water	8270E	1046769
480-230635-2 MSD	MW-C12_20250624	Total/NA	Water	8270E	1046769

Analysis Batch: 1046904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230635-1	MW-C11_20250624	Total/NA	Water	8270E SIM	1046769
480-230635-2	MW-C12_20250624	Total/NA	Water	8270E SIM	1046769
480-230635-3	MW-C16_20250624	Total/NA	Water	8270E SIM	1046769
480-230635-4	MW-13S_20250624	Total/NA	Water	8270E SIM	1046769
480-230635-5	MW-22S_20250625	Total/NA	Water	8270E SIM	1046769
480-230635-6	MW-23S_20250624	Total/NA	Water	8270E SIM	1046769
480-230635-7	MW-46S_20250625	Total/NA	Water	8270E SIM	1046769
480-230635-8	MW-48S_20250625	Total/NA	Water	8270E SIM	1046769
480-230635-9	DUP-1_202506	Total/NA	Water	8270E SIM	1046769
MB 460-1046769/1-A	Method Blank	Total/NA	Water	8270E SIM	1046769
LCS 460-1046769/4-A	Lab Control Sample	Total/NA	Water	8270E SIM	1046769
LCSD 460-1046769/5-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	1046769
480-230635-2 MS	MW-C12_20250624	Total/NA	Water	8270E SIM	1046769
480-230635-2 MSD	MW-C12_20250624	Total/NA	Water	8270E SIM	1046769

Analysis Batch: 1046914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230635-7 - DL	MW-46S_20250625	Total/NA	Water	8270E	1046769

General Chemistry

Analysis Batch: 750770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230635-1	MW-C11_20250624	Total/NA	Water	9012B	
480-230635-2	MW-C12_20250624	Total/NA	Water	9012B	
480-230635-3	MW-C16_20250624	Total/NA	Water	9012B	
480-230635-4	MW-13S_20250624	Total/NA	Water	9012B	
480-230635-6	MW-23S_20250624	Total/NA	Water	9012B	
480-230635-7	MW-46S_20250625	Total/NA	Water	9012B	
480-230635-8	MW-48S_20250625	Total/NA	Water	9012B	
MB 480-750770/21	Method Blank	Total/NA	Water	9012B	
MB 480-750770/47	Method Blank	Total/NA	Water	9012B	
HLCS 480-750770/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-750770/23	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-750770/48	Lab Control Sample	Total/NA	Water	9012B	
480-230635-2 MS	MW-C12_20250624	Total/NA	Water	9012B	
480-230635-2 MSD	MW-C12_20250624	Total/NA	Water	9012B	
480-230635-3 MS	MW-C16_20250624	Total/NA	Water	9012B	

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QC Association Summary

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

Job ID: 480-230635-1

General Chemistry

Analysis Batch: 750803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230635-5	MW-22S_20250625	Total/NA	Water	9012B	
480-230635-9	DUP-1_202506	Total/NA	Water	9012B	
MB 480-750803/21	Method Blank	Total/NA	Water	9012B	
HLCS 480-750803/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-750803/23	Lab Control Sample	Total/NA	Water	9012B	

Lab Chronicle

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

Job ID: 480-230635-1

Client Sample ID: MW-C11_20250624

Lab Sample ID: 480-230635-1

Date Collected: 06/24/25 12:00

Matrix: Water

Date Received: 06/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	750256	AXK	EET BUF	06/27/25 21:15
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E		1	1046780	YAH	EET EDI	06/28/25 15:33
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E SIM		1	1046904	YAH	EET EDI	06/29/25 15:34
Total/NA	Analysis	9012B		1	750770	GW	EET BUF	07/02/25 00:13

Client Sample ID: MW-C12_20250624

Lab Sample ID: 480-230635-2

Date Collected: 06/24/25 13:00

Matrix: Water

Date Received: 06/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	750256	AXK	EET BUF	06/27/25 21:38
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E		1	1046780	YAH	EET EDI	06/28/25 19:23
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E SIM		1	1046904	YAH	EET EDI	06/29/25 19:14
Total/NA	Analysis	9012B		1	750770	GW	EET BUF	07/02/25 01:16

Client Sample ID: MW-C16_20250624

Lab Sample ID: 480-230635-3

Date Collected: 06/24/25 10:45

Matrix: Water

Date Received: 06/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	750256	AXK	EET BUF	06/27/25 22:01
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E		1	1046780	YAH	EET EDI	06/28/25 15:56
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E SIM		1	1046904	YAH	EET EDI	06/29/25 15:56
Total/NA	Analysis	9012B		1	750770	GW	EET BUF	07/02/25 00:36

Client Sample ID: MW-13S_20250624

Lab Sample ID: 480-230635-4

Date Collected: 06/24/25 14:50

Matrix: Water

Date Received: 06/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	750297	AXK	EET BUF	06/27/25 17:13
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E		1	1046780	YAH	EET EDI	06/28/25 16:19
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E SIM		1	1046904	YAH	EET EDI	06/29/25 16:18
Total/NA	Analysis	9012B		1	750770	GW	EET BUF	07/02/25 00:43

Lab Chronicle

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

Job ID: 480-230635-1

Client Sample ID: MW-22S_20250625

Lab Sample ID: 480-230635-5

Date Collected: 06/25/25 09:25

Matrix: Water

Date Received: 06/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	750297	AXK	EET BUF	06/27/25 17:34
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E		1	1046780	YAH	EET EDI	06/28/25 16:42
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E SIM		1	1046904	YAH	EET EDI	06/29/25 16:40
Total/NA	Analysis	9012B		2	750803	GW	EET BUF	07/02/25 21:14

Client Sample ID: MW-23S_20250624

Lab Sample ID: 480-230635-6

Date Collected: 06/24/25 15:50

Matrix: Water

Date Received: 06/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	750297	AXK	EET BUF	06/27/25 17:57
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E		1	1046780	YAH	EET EDI	06/28/25 17:05
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E SIM		1	1046904	YAH	EET EDI	06/29/25 17:02
Total/NA	Analysis	9012B		1	750770	GW	EET BUF	07/02/25 00:50

Client Sample ID: MW-46S_20250625

Lab Sample ID: 480-230635-7

Date Collected: 06/25/25 11:50

Matrix: Water

Date Received: 06/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	750297	AXK	EET BUF	06/27/25 18:19
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E		1	1046780	YAH	EET EDI	06/28/25 17:28
Total/NA	Prep	3510C	DL		1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E	DL	10	1046914	YAH	EET EDI	06/29/25 18:51
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E SIM		1	1046904	YAH	EET EDI	06/29/25 17:24
Total/NA	Analysis	9012B		1	750770	GW	EET BUF	07/02/25 00:53

Client Sample ID: MW-48S_20250625

Lab Sample ID: 480-230635-8

Date Collected: 06/25/25 10:15

Matrix: Water

Date Received: 06/26/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	750297	AXK	EET BUF	06/27/25 18:41
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E		1	1046780	YAH	EET EDI	06/28/25 17:51
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E SIM		1	1046904	YAH	EET EDI	06/29/25 17:46
Total/NA	Analysis	9012B		1	750770	GW	EET BUF	07/02/25 00:56

Eurofins Buffalo

Lab Chronicle

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

Job ID: 480-230635-1

Client Sample ID: DUP-1_202506
Date Collected: 06/25/25 00:00
Date Received: 06/26/25 09:30

Lab Sample ID: 480-230635-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	750297	AXK	EET BUF	06/27/25 19:04
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E		1	1046780	YAH	EET EDI	06/28/25 18:14
Total/NA	Prep	3510C			1046769	NMP	EET EDI	06/28/25 11:00
Total/NA	Analysis	8270E SIM		1	1046904	YAH	EET EDI	06/29/25 18:08
Total/NA	Analysis	9012B		2	750803	GW	EET BUF	07/02/25 21:18

Client Sample ID: Trip Blanks_202506
Date Collected: 06/25/25 12:00
Date Received: 06/26/25 09:30

Lab Sample ID: 480-230635-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	750297	AXK	EET BUF	06/27/25 19:26

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.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-230635-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	Total BTEX

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

Method Summary

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

Job ID: 480-230635-1

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: 480-230635-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-230635-1	MW-C11_20250624	Water	06/24/25 12:00	06/26/25 09:30
480-230635-2	MW-C12_20250624	Water	06/24/25 13:00	06/26/25 09:30
480-230635-3	MW-C16_20250624	Water	06/24/25 10:45	06/26/25 09:30
480-230635-4	MW-13S_20250624	Water	06/24/25 14:50	06/26/25 09:30
480-230635-5	MW-22S_20250625	Water	06/25/25 09:25	06/26/25 09:30
480-230635-6	MW-23S_20250624	Water	06/24/25 15:50	06/26/25 09:30
480-230635-7	MW-46S_20250625	Water	06/25/25 11:50	06/26/25 09:30
480-230635-8	MW-48S_20250625	Water	06/25/25 10:15	06/26/25 09:30
480-230635-9	DUP-1_202506	Water	06/25/25 00:00	06/26/25 09:30
480-230635-10	Trip Blanks_202506	Water	06/25/25 12:00	06/26/25 09:30

Client Information

Client Contact

Mr. Gunther Schnorr

Company

D&B Engineers and Architects, P.C.

Address

5879 Fisher Road PO BOX 56

City

East Syracuse

State, Zip

NY, 13057

Phone

315-437-1142(Tel)

Email

gschnorr@db-eng.com

Project Name

NYSEG - Court Street OMM

Site

SSOW#

Project #

48026495

PO #

5811, Task 10A

WO #

Compliance Project: ☐ Yes ☒ No

TAT Requested (days):

Standard TAT

Due Date Requested:

315.558.1590

Lab PM:

Schnorr, John R

E-Mail:

John.Schnorr@et.eurofins.com

State of Origin:

#225

Order Reference No(s):

480-205980-39287.1

Page: Page 1 of 2

Job #

Preservation Codes:

N - None

A - HCL

B - NaOH

Barcode

480-230635 Chain of Custody

Other:

Special Instructions/Note:

MS/MSD

Lab Supply

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☒ Disposal By Lab ☐ Archive For

Months

Special Instructions/QC Requirements

8270E Plus 8270SIM Ref Select

Method of Shipment

Time:

Received by

Company

Date/Time

6/25/25 1500

Received by

Company

Date/Time

6/25/25 0930

Received by

Company

Date/Time

2.8, 2.3 ER #5c

Cooler Temperature(s) °C and Other Remarks

Custody Seal No.:

☐ Yes ☒ No

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	Lab Pmt:	Carrier Tracking No(s):	IOC No:						
Client Contact		N/A	Schove, John R	N/A	480-93561 1						
Shipping/Receiving		Phone:	E-Mail:	State of Origin:	Page:						
Company:		N/A	John.Schove@et.eurofins.com	New York	Page 1 of 2						
Eurofins Environment Testing Northeast L		Accreditations Required (See note):									
Address:		NELAP New York									
City:		Preservation Codes:									
Edison											
State, Zip:											
NJ, 08817											
Phone:											
732-549-3900(Tel) 732-549-3679(Fax)											
Email:											
N/A											
Project Name:											
NYSEG Court Street OMM											
Site:											
N/A											
Due Date Requested:											
7/9/2025											
TAT Requested (days):											
N/A											
PO #:											
N/A											
WG #:											
N/A											
Project #:											
48026495											
SSOW#:											
N/A											
Sample Identification	Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=other, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_SIM/3510C_LVPAH SIM	8270E_SIM/3510C_LVPAH SIM	Total Number of Containers	Special Instructions/Note:
MW-C11_20250624 (480-230635-1)		6/24/25	12:00 Eastern	G	Water			X	X	2	
MW-C12_20250624 (480-230635-2)		6/24/25	13:00 Eastern	G	Water			X	X	2	
MW-C12_20250624 (480-230635-2MS)		6/24/25	13:00 Eastern	G	Water			X	X	2	
MW-C12_20250624 (480-230635-2MSD)		6/24/25	13:00 Eastern	G	Water			X	X	2	
MW-C16_20250624 (480-230635-3)		6/24/25	10:45 Eastern	G	Water			X	X	2	
MW-13S_202506 (480-230635-4)		6/24/25	14:50 Eastern	G	Water			X	X	2	
MW-22S_202506 (480-230635-5)		6/25/25	09:25 Eastern	G	Water			X	X	2	
MW-23S_202506 (480-230635-6)		6/24/25	13:50 Eastern	G	Water			X	X	2	
MW-46S_202506 (480-230635-7)		6/25/25	11:50 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/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											
Unconfirmed											
Deliverable Requested: I, II, III, IV Other (specify)											
Primary Deliverable Rank: 2											
Empty Kit Relinquished by:											
Date:											
Relinquished by: <i>YHS</i>											
Date/Time: 6-26-25 1600											
Relinquished by:											
Date/Time:											
Relinquished by:											
Date/Time:											
Custody Seals Intact: <i>IR-9 1-5-1-9</i>											
Custody Seal No.											
Cooler Temperature(s) °C and Other Remarks:											
Ver 10/10/2024											

Login Sample Receipt Checklist

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

Job Number: 480-230635-1

Login Number: 230635

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

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	2.8 2.3 ICE IR# SC
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: 480-230635-1

Login Number: 230635

List Number: 2

Creator: Armbruster, Chris

List Source: Eurofins Edison

List Creation: 06/27/25 01:44 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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	1.5/1.9°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 $<6\text{mm}$ (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 June 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 9012B. 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, 480-230635, 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.

- 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 all samples except DUP-1 and MW-22S.
- The percent recoveries (%Rs) was below the QC limit in the MS associated with all samples. Cyanide was qualified as estimated (J/UJ) in all samples.

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

DATA VALIDATION CHECKLIST

Project Name:	Ithaca Court Street	
Project Number:	5811-10B	
Sample Date(s):	June 24-25, 2025	
Sample Team:	Gunther Schnorr	
Matrix/Number of Samples:	<u>Water/ 8</u> <u>Field Duplicates/ 1</u> <u>Trip Blanks / 1</u> <u>Field Blanks/ 0</u>	
Analyzing Laboratory:	Eurofins Environment Testing, Amherst, NY	
Analyses:	<u>Volatile Organic Compounds (VOCs): BTEX by SW846 8260C</u> <u>Semi Volatile Organic Compounds (SVOCs): by SW846 8270E and 8270E SIM</u> <u>Cyanide: by SW846 9012B</u>	
Laboratory Report No:	480-230635	Date: 7/3/2025

ANALYTICAL DATA PACKAGE 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.

Custody Numbers:480-230635
SAMPLE AND ANALYSIS LIST

Sample ID	Lab ID	Sample Collection Date	Parent Sample	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-C11	480-230635-1	6/24/2024		X	X			X
MW-C12	480-230635-2	6/24/2024		X	X			X
MW-C16	480-230635-3	6/24/2024		X	X			X
MW-13S	480-230635-4	6/24/2024		X	X			X
MW-22S	480-230635-5	6/25/2024		X	X			X
MW-23S	480-230635-6	6/24/2024		X	X			X
MW-46S	480-230635-7	6/25/2024		X	X			X
MW-48S	480-230635-8	6/25/2024		X	X			X
DUP-1	480-230635-9	6/25/2024	MW-22S	X	X			X
TRIP BLANK	480-230635-10	6/25/2024		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
%R - percent recovery

%D - percent difference
%RSD - percent relative standard deviation

RRF - relative response factor
RPD - relative percent difference

Comments:

Performance was acceptable, except the following:

- 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

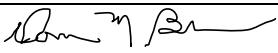
Comments:

Performance was acceptable, except the following:

- 2A. Cyanide was detected in the method blank. Cyanide was qualified as non-detect (UB) in all samples except DUP-1 and MW-22S.
- 8. The %R was below the QC limit in the MS associated with all samples. Cyanide was qualified as estimated (J/UJ) in all samples.

**DATA VALIDATION AND
QUALIFICATION SUMMARY**
Laboratory Numbers: 480-230635

<u>Sample ID</u>	<u>Analyte(s)</u>	<u>Qualifier</u>	<u>Reason(s)</u>
<u>VOCs</u>			
No qualification of the data was necessary.			
<u>SVOCs</u>			
MW-46S	Naphthalene	D	Exceeded the calibration range in the original analysis and was analyzed at a secondary dilution
<u>General Chemistry</u>			
All samples except DUP-1 and MW-22S.	Cyanide	UB	Detected in the method blank
All samples	Cyanide	J/UJ	The %R was below the QC limit in the MS

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 7/15/2025
VALIDATION PERFORMED BY SIGNATURE:	

ATTACHMENT E

Historical Quarterly Groundwater Samples Analytical Results

ATTACHMENT E
Ithaca Court Street
Historical Quarterly Groundwater Samples
BTEX, PAHs, and Cyanide

Sample ID Sampling Date		MW-C11 6/19/2023	MW-C11 9/11/2023	MW-C11 12/4/2023	MW-C11 3/26/2024	MW-C11 6/17/2024	MW-C11 9/16/2024	MW-C11 12/17/2024	MW-C11 3/24/2025	MW-C11 6/24/2025
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u> Benzene Toluene Ethylbenzene M,P-Xylenes O-Xylene Xylenes BTEX	TOGS Class GA Groundwater Standards									
	1	1 U	1 U	0.41 U	0.41 U	0.82 U	0.82 U	1 U	1 U	1 U
	5	1 U	1 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U	1 U
	5	1 U	1 U	0.74 U	0.74 U	1.5 U	1.5 U	1 U	1 U	1 U
	5	2 U	2 U	0.66 U	0.66 U	1.3 U	1.3 U	2 U	2 U	2 U
	5	1 U	1 U	0.76 U	0.76 U	1.5 U	1.5 U	1 U	1 U	1 U
	5	2 U	2 U	0.66 U	0.66 U	1.3 U	1.3 U	2 U	2 U	2 U
	--	2 U	2 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U
<u>Semivolatile Organic Compounds in ug/l</u> Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(ghi)perylene Benzo(k)fluoranthene Dibenzo(a,h)anthracene Indeno(1,2,3-cd)pyrene Acenaphthene Acenaphthylene Anthracene Chrysene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	0.002	0.027 J	0.05 U	0.016 U	0.016 U	0.016 U	0.016 U	0.05 U	0.05 U	0.05 U
	ND	0.05 U	0.05 U	0.022 U	0.022 U	0.022 U	0.022 U	0.05 U	0.05 U	0.05 U
	0.002	0.05 U	0.05 U	0.024 U	0.024 U	0.024 U	0.024 U	0.05 U	0.05 U	0.05 U
	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.05 U	0.05 U	0.05 U
	0.002	0.05 U	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U
	--	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U
	0.002	0.05 U	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.05 U	0.05 U	0.05 U
	20	10 UJ	10 U	1.1 U	1.1 U	1.1 U	1.1 U	10 U	10 U	10 U
	--	10 U	10 U	0.82 U	0.82 U	0.82 U	0.82 U	10 U	10 U	10 U
	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U
	0.002	2 UJ	2 U	0.91 U	0.91 U	0.91 UJ	0.91 U	2 U	2 U	2 U
	50	10 UJ	10 U	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U
	50	10 UJ	10 U	0.91 U	0.91 U	0.91 U	0.91 U	10 U	10 U	10 U
	10	2 U	2 U	0.54 U	0.54 U	0.54 U	0.54 U	2 U	2 U	2 U
	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U
	50	10 U	10 U	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 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

ATTACHMENT E
Ithaca Court Street
Historical Quarterly Groundwater Samples
BTEX, PAHs, and Cyanide

Sample ID Sampling Date		MW-C12 6/19/2023	MW-C12 (DUP-1) 6/19/2023	MW-C12 9/11/2023	MW-C12 12/4/2023	MW-C12 3/26/2024	MW-C12 6/17/2024	MW-C12 9/16/2024	MW-C12 12/17/2024	MW-C12 3/24/2025	MW-C12 6/24/2025
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u> Benzene Toluene Ethylbenzene M,P-Xylenes O-Xylene Xylenes BTEX	TOGS Class GA Groundwater Standards										
	1	1 U	1 U	0.41 J	14	0.41 U	0.41 U	0.54 J	12	3.6	1.9
	5	1 U	1 U	1 U	1.5	0.51 U	0.51 U	0.51 U	1.1	1 U	1 U
	5	1 U	1 U	1 U	40	0.74 U	0.74 U	0.74 U	37	1.8	1.2
	5	2 U	2 U	2 U	1 J	0.66 U	0.66 U	0.66 U	2	2 U	2 U
	5	1 U	1 U	1 U	12	0.76 U	0.76 U	0.76 U	16	1.1	1 U
	5	2 U	2 U	2 U	13	0.66 U	0.66 U	0.66 U	18	1.1 J	2 U
	--	2 U	2 U	2 U	69	1 U	1 U	1 U	68	6.5	3.1
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.05 U	0.016 U	0.016 U	0.016 U	0.016 U	0.05 U	0.05 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.05 U	0.022 U	0.022 U	0.022 U	0.022 U	0.05 U	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.024 U	0.024 U	0.024 U	0.024 U	0.05 U	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.05 U	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.05 U	0.05 U	0.05 U
Acenaphthene	20	52 J	48 J	59	97	42	34	62 J	120	42 J	55
Acenaphthylene	--	10 U	10 U	10 U	0.82 U	0.82 U	0.82 U	0.82 U	1.4 J	10 U	10 U
Anthracene	50	10 UJ	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U
Chrysene	0.002	2 UJ	2 UJ	2 U	0.91 U	0.91 U	0.91 UJ	0.91 U	2 U	2 U	2 U
Fluoranthene	50	10 UJ	10 UJ	10 U	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U
Fluorene	50	6.5 J	5.9 J	7.5 J	14	5.3 J	4.5 J	8 J	18	5.2 J	8.4 J
Naphthalene	10	2 U	2 U	2 U	2.6	0.54 U	0.54 U	0.54 U	13	2 U	2 U
Phenanthrene	50	10 UJ	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 U
<u>Cyanide in mg/l</u>											
	0.2	0.018 UBJ	0.021 UBJ	0.015 J	0.016 UBJ	0.01	0.013	0.017 J	0.018 UB	0.013	0.01 UBJ

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

ATTACHMENT E
Ithaca Court Street
Historical Quarterly Groundwater Samples
BTEX, PAHs, and Cyanide

Sample ID Sampling Date		MW-C16 6/19/2023	MW-C16 9/11/2023	MW-C16 12/4/2023	MW-C16 3/26/2024	MW-C16 6/17/2024	MW-C16 9/16/2024	MW-C16 12/17/2024	MW-C16 3/24/2025	MW-C16 6/24/2025
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u> Benzene Toluene Ethylbenzene M,P-Xylenes O-Xylene Xylenes BTEX	TOGS Class GA Groundwater Standards									
	1	5 U	5 U	2.1 U	0.41 U	0.41 U	0.41 U	1 U	1 U	1 U
	5	5 U	5 U	2.6 U	0.51 U	0.51 U	0.51 U	1 U	1 U	1 U
	5	5 U	5 U	3.7 U	0.74 U	0.74 U	0.74 U	1 U	1 U	1 U
	5	10 U	10 U	3.3 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U
	5	5 U	5 U	3.8 U	0.76 U	0.76 U	0.76 U	1 U	1 U	1 U
	5	10 U	10 U	3.3 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U
	--	10 U	10 U	5 U	1 U	1 U	1 U	2 U	2 U	2 U
<u>Semivolatile Organic Compounds in ug/l</u>										
Benzo(a)anthracene	0.002	0.022 J	0.03 J	0.048 J	0.016 U	0.029 J	0.038 J	0.041 J	0.05 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.024 J	0.022 U	0.022 U	0.022 U	0.22	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.024 J	0.031 J	0.024 U	0.024 U	0.024 U	0.033 J	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.21	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.02 J	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.24	0.05 U	0.05 U
Acenaphthene	20	8 J	7.9 J	10	12	3.1 J	9.2 J	21	7.9 J	6 J
Acenaphthylene	--	10 U	10 U	0.82 U	0.82 U	0.82 U	0.82 U	10 U	10 U	10 U
Anthracene	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U
Chrysene	0.002	2 UJ	2 U	0.91 U	0.91 U	0.91 UJ	0.91 U	2 U	2 U	2 U
Fluoranthene	50	10 UJ	10 U	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U
Fluorene	50	10 UJ	10 U	0.91 U	0.91 U	0.91 U	0.91 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	0.54 U	0.54 U	0.54 U	0.54 U	2 U	2 U	2 U
Phenanthrene	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 U
<u>Cyanide in mg/l</u>										
	0.2	0.015 UBJ	0.018 UBJ	0.01 UBJ	0.0041 U	0.0041 U	0.0061 J	0.01 UB	0.0047 J	0.01 UBJ

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

ATTACHMENT E
Ithaca Court Street
Historical Quarterly Groundwater Samples
BTEX, PAHs, and Cyanide

Sample ID Sampling Date		MW-13S 6/19/2023	MW-13S 9/12/2023	MW-13S 12/4/2023	MW-13S 3/26/2024	MW-13S 6/17/2024	MW-13S 9/16/2024	MW-13S 12/17/2024	MW-13S 3/24/2025	MW-13S 6/24/2025
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u> Benzene Toluene Ethylbenzene M,P-Xylenes O-Xylene Xylenes BTEX	TOGS Class GA Groundwater Standards									
	1	1 U	1 U	0.41 U	0.41 U	0.41 U	0.41 U	1 U	1 U	1 U
	5	1 U	1 U	0.51 U	0.51 U	0.51 U	0.51 U	1 U	1 U	1 U
	5	1 U	1 U	0.74 U	0.74 U	0.74 U	0.74 U	1 U	1 U	1 U
	5	2 U	2 U	0.66 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U
	5	1 U	1 U	0.76 U	0.76 U	0.76 U	0.76 U	1 U	1 U	1 U
	5	2 U	2 U	0.66 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U
	--	2 U	2 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U
<u>Semivolatile Organic Compounds in ug/l</u>										
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.016 U	0.016 U	0.016 U	0.016 U	0.05 U	0.05 U	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.022 U	0.022 U	0.022 U	0.022 U	0.3	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.024 U	0.024 U	0.024 U	0.024 U	0.05 U	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.29	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.31	0.05 U	0.05 U
Acenaphthene	20	10 UJ	2.4 J	1.1 U	1.1 U	1.1 U	1.1 U	10 U	10 U	10 U
Acenaphthylene	--	10 U	1.8 J	0.82 U	0.82 U	0.82 U	0.82 U	10 U	10 U	10 U
Anthracene	50	10 UJ	2 J	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U
Chrysene	0.002	2 UJ	1.3 J	0.91 U	0.91 U	0.91 UJ	0.91 UJ	2 U	2 U	2 U
Fluoranthene	50	10 UJ	2.2 J	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U
Fluorene	50	10 UJ	2.2 J	0.91 U	0.91 U	0.91 U	0.91 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 J	0.54 U	0.54 U	0.54 U	0.54 U	2 U	2 U	2 U
Phenanthrene	50	10 UJ	2.8 J	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U
Pyrene	50	10 U	1.8 J	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 U
<u>Cyanide in mg/l</u>		0.2	0.0088 UBJ	0.0074 UBJ	0.01 UBJ	0.0041 U	0.0041 U	0.0041 UJ	0.01 U	0.01 UBJ

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

ATTACHMENT E
Ithaca Court Street
Historical Quarterly Groundwater Samples
BTEX, PAHs, and Cyanide

Sample ID Sampling Date		MW-22S 6/20/2023	MW-22S 9/12/2023	MW-22S 12/4/2023	MW-22S 3/27/2024	MW-22S 6/18/2024	MW-22S 9/18/2024	MW-22S 12/18/2024	MW-22S 3/25/2025	MW-22S 6/25/2025	MW-22 (DUP-1) 6/25/2025
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u> Benzene Toluene Ethylbenzene M,P-Xylenes O-Xylene Xylenes BTEX	TOGS Class GA Groundwater Standards										
	1	1 U	0.85 J	0.41 U	0.41 U	0.41 U	0.41 U	1 U	1 U	1 U	1 U
	5	1 U	1 U	0.51 U	0.51 U	0.51 U	0.51 U	1 U	1 U	1 U	1 U
	5	1 U	1 U	0.74 U	0.74 U	0.74 U	0.74 U	1 U	1 U	1 U	1 U
	5	2 U	2 U	0.66 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U	2 U
	5	1 U	1 U	0.76 U	0.76 U	0.76 U	0.76 U	1 U	1 U	1 U	1 U
	5	2 U	2 U	0.66 U	0.66 U	0.66 U	0.66 U	2 U	2 U	2 U	2 U
	--	2 U	2 U	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U
<u>Semivolatile Organic Compounds in ug/l</u>											
Benzo(a)anthracene	0.002	0.05 U	0.05 U	0.041 J	0.016 U	0.016 U	0.016 U	0.05 U	0.05 U	0.019 J	0.05 U
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.026 J	0.022 U	0.022 U	0.022 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.034 J	0.024 U	0.024 U	0.024 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.035 J	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.035 J	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.039 J	0.036 U	0.036 U	0.036 U	0.05 U	0.05 U	0.05 U	0.05 U
Acenaphthene	20	10 UJ	10 UJ	1.1 U	1.1 U	1.1 U	1.1 U	10 U	10 U	10 U	10 U
Acenaphthylene	--	10 U	10 UJ	0.82 U	0.82 U	0.82 U	0.82 U	10 U	10 U	10 U	10 U
Anthracene	50	10 UJ	10 UJ	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 UJ	2 UJ	0.91 U	0.91 U	0.91 UJ	0.91 U	2 U	2 U	2 U	2 U
Fluoranthene	50	10 UJ	10 UJ	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U	10 U
Fluorene	50	10 UJ	10 UJ	0.91 U	0.91 U	0.91 U	0.91 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 UJ	0.54 U	0.54 U	0.54 U	0.54 U	2 U	2 U	2 U	2 U
Phenanthrene	50	10 UJ	10 UJ	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 UJ	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 U	10 U
Cyanide in mg/l	0.2	0.58 J	0.69 J	0.96 J	0.39	0.71	0.0041 UJ	0.58	0.37	0.54	0.55

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

ATTACHMENT E
Ithaca Court Street
Historical Quarterly Groundwater Samples
BTEX, PAHs, and Cyanide

Sample ID Sampling Date		MW-23S 6/19/2023	MW-23S 9/13/2023	MW-23S 12/5/2023	MW-23S 3/27/2024	MW-23S 6/18/2024	MW-23S (DUP-1) 6/18/2024	MW-23S 9/17/2024	MW-23S 12/17/2024	MW-23S 3/24/2025	DUP-1 3/24/2025	MW-23S 6/24/2025
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u> Benzene Toluene Ethylbenzene M,P-Xylenes O-Xylene Xylenes BTEX	TOGS Class GA Groundwater Standards											
	1	2.1	1.8 J	0.82 U	1.2 J	1.5 J	1.6 J	2.3	0.88 J	0.78 J	0.82 J	1.3
	5	2.5	2 U	1 U	1 U	0.51 U	0.51 U	0.51 U	1 U	1.3	1.2	1.4
	5	69	55	11	34	20	21	34	19	39	39	41
	5	9.1	6.1	2 J	5	3.2	3.5	4.7	3.8	7.1	7.1	7.9
	5	41	27	7.6	19	15	16	18	11	21	22	25
	5	50	33	9.6	24	18	20	23	15	28	29	33
	--	120	90	21	59	40	42	59	35	69	70	77
<u>Semivolatile Organic Compounds in ug/l</u>												
Benzo(a)anthracene	0.002	0.09	0.05 U	0.03 J	0.067 J	0.11	0.11	0.13	0.084	0.052 J	0.065 J	0.043 J
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.24	0.05 U	0.05 U	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.052	0.05 U	0.05 U	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.24	0.05 U	0.05 U	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U	0.061	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.02 U	0.02 U	0.02 J	0.02 U	0.02 U	0.038 J	0.05 U	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.24	0.05 U	0.05 U	0.05 U
Acenaphthene	20	51 J	72	4.8 J	56	59	52	58 J	53	48 J	51 J	7.5 J
Acenaphthylene	--	0.97 J	2.7 J	0.82 U	1.2 J	1.1 J	1.1 J	1.2 J	3.2 J	10 U	10 U	10 U
Anthracene	50	2.9 J	3.6 J	1.3 U	2.7 J	3.4 J	2.9 J	3.3 J	2.7 J	2.9 J	3 J	1.5 J
Chrysene	0.002	2 UJ	2 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	2 U	2 U	2 U	2 U
Fluoranthene	50	1.4 J	1.8 J	0.84 U	1 J	1.6 J	1.4 J	1.5 J	1.2 J	0.89 J	1 J	1.2 J
Fluorene	50	14 J	19	0.91 U	14	16	14	15	15	14 J	14 J	5.6 J
Naphthalene	10	2 U	0.75 J	0.54 U	130 J	62 J	20 J	0.54 U	0.71 J	130 J	140 J	2 U
Phenanthrene	50	9.1 J	16	1.3 U	13	14	12	12 J	12	13 J	14 J	10 U
Pyrene	50	2.3 J	2.1 J	1.6 U	1.6 U	2.1 J	1.9 J	1.8 J	10 U	10 U	10 U	10 U
Cyanide in mg/l		0.2	0.014 UBJ	0.005 UBJ	0.0041 U	0.0041 U	0.0041 U	0.0044 J	0.013 UB	0.0051 J	0.0055 UB	0.01 UBJ

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

ATTACHMENT E
Ithaca Court Street
Historical Quarterly Groundwater Samples
BTEX, PAHs, and Cyanide

Sample ID Sampling Date		MW-46S 6/20/2023	MW-46S 9/13/2023	MW-46S (DUP) 9/13/2023	MW-46S 12/5/2023	MW-46S (DUP) 12/5/2023	MW-46S 3/27/2024	MW-46S 6/18/2024	MW-46S 9/18/2024	MW-46S 12/18/2024	MW-46S 3/25/2025	MW-46S 6/25/2025
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u> Benzene Toluene Ethylbenzene M,P-Xylenes O-Xylene Xylenes BTEX <u>Semivolatile Organic Compounds in ug/l</u> Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(ghi)perylene Benzo(k)fluoranthene Dibenzo(a,h)anthracene Indeno(1,2,3-cd)pyrene Acenaphthene Acenaphthylene Anthracene Chrysene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene Cyanide in mg/l	TOGS Class GA Groundwater Standards											
	1	220	160	150	580 DJ	540 DJ	1100	220 J	160	560	710	760
	5	4.4 J	5 U	5 U	4.7 J	4.3 J	24	2.6 U	2.6 J	10 U	5.7 J	13
	5	280	210	200	430	450	950	250	200	350	500	720
	5	17	20	21	33	32	170	19	24	13 J	49	80
	5	71	53	51	100	110	290	72	65	65	130	220
	5	88	73	72	130	140	460	91	89	78	180	300
	--	590	440	420	1200 D	1100 DJ	2500	560	450	990	1400	1800
	0.002	0.4	0.74	0.62	4	4.5	0.27 J	0.69	3.5 J	1.2	1.1 J	0.17
	ND	0.23	0.64	0.55	4.5 J	5 J	0.11 J	0.72	3.9 J	1.1	0.9 J	0.094
	0.002	0.13	0.35	0.28	2.7	3.1	0.073 J	0.41	2.8	0.8	0.66 J	0.069
	--	0.082	0.22	0.18	1.4	1.6	0.036 J	0.26	1.2	0.37	0.28 J	0.05 U
	0.002	0.05	0.21	0.18	1	1.1	0.033 J	0.18	1	0.28	0.14 J	0.031 J
	--	0.034 J	0.062	0.048 J	0.51	0.59	0.02 U	0.066 J	0.33	0.13	0.1 J	0.05 U
	0.002	0.078	0.24	0.21	1.3	1.6	0.036 U	0.23	1.3 J	0.34	0.31 J	0.05 U
	20	29 J	27	28	46 J	47 J	45	19	9.2 J	40	21 J	33
	--	1.1 J	0.87 J	0.94 J	4.1 U	4.2 J	1.7 J	5.3 J	2.2 J	1.7 J	0.98 J	1.1 J
	50	1.7 J	2.1 J	2.3 J	6.5 U	6.5 U	2 J	1.7 J	1.3 J	2.7 J	1.3 J	1.5 J
	0.002	2 UJ	2 U	2 U	4.5 U	4.5 U	0.91 U	0.91 U	2.9	1.1 J	2 U	2 U
	50	1 J	1.3 J	1.3 J	4.2 U	4.2 U	0.89 J	1.2 J	2.7 J	2.2 J	1.1 J	10 U
	50	7.7 J	8.6 J	9.5 J	14 J	14 J	12	7.2 J	4 J	11	5.7 J	8.7 J
	10	98 J	2 U	2 U	180	190	960 DJ	0.54 U	0.64 J	300 D	470 D	930 D
	50	7.5 J	7.5 J	8.2 J	13 J	14 J	9.7 J	5 J	1.5 J	11	5.6 J	7.2 J
	50	1.7 J	2.1 J	2 J	8.2 U	8.2 U	1.6 U	1.6 U	4.4 J	3.4 J	2.1 J	10 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

ATTACHMENT E
Ithaca Court Street
Historical Quarterly Groundwater Samples
BTEX, PAHs, and Cyanide

Sample ID Sampling Date		MW-48S 6/19/2023	MW-48S 9/13/2023	MW-48S 12/5/2023	MW-48S 3/27/2024	MW-48S (DUP-1) 3/27/2024	MW-48S 6/18/2024	MW-48S 9/18/2024	DUP-1 (MW-48S) 9/18/2024	MW-48S 12/18/2024	DUP-1 (MW-48S) 12/18/2024	MW-48S 3/25/2025	MW-48S 6/25/2025
<u>Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l</u> Benzene Toluene Ethylbenzene M,P-Xylenes O-Xylene Xylenes BTEX	TOGS Class GA Groundwater Standards												
	1	26	34	26	41	42	38 J	36	35	27	26	38	37
	5	1 U	1 U	0.51 U	0.52 J	0.52 J	0.51 U	0.51 U	0.51 U	1 U	2 U	0.61 J	1 U
	5	14	14	11	22	21	12	10	10	10	9.3	32	12
	5	1.4 J	2.9	4.4	2.9	2.8	2	5.1	4.9	5.8	5.5	6.2	2.7
	5	8.3	14	14	16	15	11	17	16	13	12	19	15
	5	9.7	17	18	19	18	13	22	21	19	18	25	18
	--	50	65	55	82	81	63	68	66	56	53	96	67
<u>Semivolatile Organic Compounds in ug/l</u> Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(ghi)perylene Benzo(k)fluoranthene Dibenzo(a,h)anthracene Indeno(1,2,3-cd)pyrene Acenaphthene Acenaphthylene Anthracene Chrysene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene													
	0.002	0.042 J	0.054	0.043 J	0.016 U	0.016 U	0.053	0.049 J	0.058 J	0.05 U	0.05 U	0.045 J	0.022 J
	ND	0.05 U	0.05 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.05 U	0.05 U	0.029 J	0.05 U
	0.002	0.05 U	0.05 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.05 U	0.05 U	0.055 J	0.05 U
	--	0.05 U	0.05 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.05 U	0.05 U	0.05 U	0.05 U
	0.002	0.05 U	0.05 U	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U	0.05 U	0.05 U	0.05 U	0.05 U
	--	0.05 U	0.05 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U
	0.002	0.05 U	0.05 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.05 U	0.05 U	0.05 U	0.05 U
	20	25 J	35	21	20	21	23	26 J	27	26	21	18 J	18
	--	10 U	0.85 J	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	10 U	10 U	10 U	10 U
	50	10 UJ	10 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
	0.002	2 UJ	2 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	2 U	2 U	2 U	2 U
	50	10 UJ	10 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	10 U	10 U	10 U	10 U
	50	1.9 J	3.2 J	2.3 J	1.6 J	1.7 J	2.1 J	3.1 J	3.2 J	3.4 J	2.5 J	1.9 J	1.5 J
	10	27 J	120	27	47 J	48 J	73	110	120	130	90	84 J	61
	50	2.9 J	4.3 J	2.8 J	2.6 J	2.6 J	2.8 J	3.7 J	3.8 J	3.9 J	3 J	2.6 J	2.3 J
	50	10 U	10 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	10 U	10 U	10 U	10 U
Cyanide in mg/l	0.2	0.0091 UBJ	0.0093 UBJ	0.01 UBJ	0.0041 U	0.0041 U	0.0041 U	0.0051 UBJ	0.0041 UBJ	0.01 UB	0.01 UB	0.01 U	0.01 UBJ

Footnotes/Qualifiers:

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