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February 11, 2025

Mr. Tracey Garland, GIT
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7014

Re: Quarterly Groundwater Monitoring Report – 2024 Q4
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 2024 Quarter 4 (Q4) 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 Draft Site Management Plan (SMP) dated April 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 Q4 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 Q4 GME are presented below.

2024 Q4 Groundwater Sampling Event Summary

The Q4 GME was conducted by D&B on December 17, 2024 and December 18, 2024 in accordance with the long-term plan to monitor the quality of groundwater at the Site and offsite areas presented in the SMP (April 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. In addition, a visual inspection of the on-site and off-site groundwater monitoring well network was also

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

- 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.

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

- The concrete pad surrounding road box at MW-C16 is cracked.

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** – **4th Quarter 2024 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 tar-like staining was observed on the oil/water interface probe and tape when removed from monitoring well MW-46S. In addition, a gasoline-like odor at varying degrees was observed at monitoring wells MW-23S, MW-46S and MW-48S. Based on the water table elevations measured at all 15 monitoring wells on September 16, 2024, groundwater flow in the vicinity of the Site is to the west.

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

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

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

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

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

The laboratory analytical report prepared by Eurofins Buffalo, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, is provided as **Attachment B**. 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 C**. 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 4 – 3rd Quarter 2024 Groundwater Analytical Exceedances BTEX, PAHs, Cyanide** for a Site Plan depicting analytical result exceedances 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 990 ug/l was detected at MW-46S. The sample collected from MW-C12 exhibited the next highest concentration of total BTEX of 68 ug/l, followed by MW-48S at 56 ug/l and MW-23S at 35 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 three groundwater monitoring wells (MW-C12, MW-46S, and MW-48S), ranging in concentration from 12 ug/l at MW-C12 to 560 J ug/l at MW-46S.
- Toluene was not detected above the Class GA groundwater standard of 5 ug/l in any of the groundwater monitoring wells.
- Ethylbenzene was detected above the Class GA groundwater standards of 5 ug/l in four groundwater monitoring wells (MW-C12, MW-23S, MW-46S, and MW-48S), ranging in concentration from 10 ug/l at MW-48S to 350 ug/l at MW-46S.
- Total xylene was detected above the Class GA groundwater standards of 5 ug/l in four groundwater monitoring wells (MW-C12, MW-23S, MW-46S, and MW-48S), ranging in concentration from 15 ug/l at MW-23S to 78 ug/l at MW-46S.

PAHs

Detectable concentrations of PAHs were identified in 6 of the 8 groundwater monitoring wells, including MW-C12, MW-C16, MW-13S, MW-23S, MW-46S, and MW-48S. A total of eight PAHs were detected in at least one groundwater monitoring well above the Class GA groundwater standards. The highest concentration of total PAHS of 377.3 ug/l was detected at MW-46S, followed in decreasing order by MW-48S (163.3 ug/l), MW-C12 (152.4 ug/l), MW-23S (88.77 ug/l), MW-C16 (21.74 ug/l), and MW-13S (0.90 ug/l). PAHs were detected at concentrations above Class GA groundwater standards and guidance values at wells MW-C12, MW-C16, MW-13S, MW-23S, MW-46S and MW-48S as follows:

- Benzo(a)anthracene was detected above the Class GA groundwater standard of 0.002 ug/l in three groundwater monitoring wells (MW-C16, MW-23S, MW-46S) at concentrations ranging from 0.041 J ug/l at MW-C16 to 1.2 J ug/l at MW-46S.

- Benzo(a)pyrene was detected above the Class GA groundwater standard of 0 ug/l in four groundwater monitoring wells (MW-C16, MW-13S, MW-23S, MW-46S) at concentrations ranging from 0.22 at MW-C16 to 1.1 ug/l at MW-46S.

- Benzo(b)fluoranthene was detected above the Class GA groundwater standard of 0.002 ug/l in three groundwater monitoring wells (MW-C16, MW-23S, MW-46S) at concentrations ranging from 0.033 J ug/l at MW-C16 to 0.8 ug/l at MW-46S.

- Benzo(k)fluoranthene was detected above the Class GA groundwater standard of 0.002 ug/l in two groundwater monitoring wells (MW-23S, MW-46S) at concentrations of 0.061 ug/l and 0.28 ug/l, respectively.

- Indeno(1,2,3-cd)pyrene was detected above the Class GA groundwater standard of 0.002 ug/l in four groundwater monitoring wells (MW-C16, MW-13S, MW-23S, MW-46S) at concentrations ranging from 0.24 J ug/l at MW-C16 and MW-23S and 0.34 J ug/l at MW-46S.

- Acenaphthene was detected above the Class GA groundwater standard of 20 ug/l in five groundwater monitoring wells (MW-C12, MW-C16, MW-23S, MW-46S, MW-48S) at concentrations ranging from 21 ug/l at MW-C16 to 120 ug/l at MW-C12.

- Chrysene was detected above the Class GA groundwater standard of 0.002 ug/l in one groundwater monitoring well (MW-46S) at a concentration of 1.1 J ug/l.

- Naphthalene was detected above the Class GA groundwater standard of 10 ug/l in three groundwater monitoring wells (MW-C12, MW-46S, MW-48S) at concentrations ranging from 13 ug/l at MW-C12 to 300 D ug/l at MW-46.

Total Cyanide

Cyanide was detected in one groundwater monitoring well (MW-22S) above the Class GA groundwater standard of 0.2 mg/l at a concentration of 0.58 mg/l.

CONCLUSIONS AND RECOMMENDATIONS

The groundwater data for the Fourth Quarter 2024 samples collected in December 2024 is consistent with the results from previous groundwater monitoring events. Elevated concentrations of BTEX compounds and/or PAHs were observed at MW-C12, MW-C16, MW-13S, MW-23S, MW-46S and MW-48S. Four of the eight monitoring wells exhibited one or more BTEX compounds at concentrations above respective Class GA groundwater standards and guidance values and five of the eight monitoring wells exhibited one or more targeted PAH compounds at concentrations above respective Class GA groundwater standards and guidance values. The highest total BTEX and PAH concentrations were observed in MW-46S at a concentration of 990 ug/l and 377.3 ug/l, respectively. Cyanide was detected in one monitoring well (MW-22S) at a concentration above the Class GA groundwater standard.

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 First Quarter GME includes the collection of groundwater samples from eight existing groundwater monitoring wells that will be conducted in March 2025.

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, EIT
Senior Engineer

GJSt/kb
attachments
cc: Levia Terrell (NYSEG)
Tracy Blazicek, CHMM, PMP (NYSEG)
Frank DeVita (D&B)
Thomas P. Fox, P.G. (D&B)
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TABLES

FIGURES

ATTACHMENTS

TABLES

TABLE 1 - GROUNDWATER MONITORING WELL OBSERVATIONS

2024 Q4 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	15.24	5.15	385.55	N	Annualar space filled with water over J-plug (removed). One of two treaded flanges missing (one bolt barely secures cover). Spongy bottom.
MW-C12	890298.78	841607.74	391.95	391.75	17.19	6.03	385.72	N	Good condition. Hard bottom.
MW-C16	890373.63	841591.99	391.05	390.86	15.87	5.24	385.62	N	Water in annualar space over J-plug (removed). Two of three treaded flanges are stripped (one bolt secures cover). Concrete pad surrounding road box is cracked. Spongy bottom.
MW-13S	889938.16	842147.41	396.23	395.95	14.41	6.77	389.18	N	Good condition. Hard bottom.
MW-22S	890169.03	840759.18	387.07	386.70	13.58	3.82	382.88	N	Good condition. Located in flower bed west of driveway. Hard bottom.
MW-23S	890569.18	840821.52	387.49	386.99	13.63	6.34	380.65	N	Two of three threaded flanges missing (one bolt secures cover). Spongy bottom. Slight gasoline-like odor.
MW-46S	890067.01	840841.212	387.50	387.17	16.93	4.04	383.13	N	Good condition. Tar-like staining on interface probe tape. Gasoline-like odor. Spongy bottom.
MW-48S	890217.75	840831.85	387.08	386.87	13.49	3.74	383.13	N	Good condition. Gasoline-like odor. Spongy bottom.

Notes:
1. Total well depth and depth to water were measured during synoptic round conducted on December 17, 2024.
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

2024 Q4 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	7.14	14.50	2.39	2.6	0.00	-34
MW-C12	7.34	14.93	1.43	0.0	0.00	-75
MW-C16	7.10	15.19	3.41	2.5	0.00	-61
MW-13S	7.18	15.76	1.76	0.0	0.00	32
MW-22S	6.96	12.88	0.666	0.0	1.51	315
MW-23S	7.03	13.31	0.711	0.0	0.36	-13
MW-46S	7.15	12.78	0.916	46.4	0.00	-73
MW-48S	7.34	13.46	2.52	0.0	0.00	-83

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
Fourth Quarter 2024 Groundwater Samples
BTEX, Select Semivolatile Organic Compounds, and Cyanide

		Sample ID Sampling Date	MW-C11 12/17/2024	MW-C12 12/17/2024	MW-C16 12/17/2024	MW-13S 12/17/2024	MW-22S 12/18/2024	MW-23S 12/17/2024	MW-46S 12/18/2024	MW-48S 12/18/2024	DUP-1 (MW-48S) 12/18/2024
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l	CAS Number	TOGS Class GA Groundwater Standards									
Benzene	71-43-2	1	1 U	**12**	1 U	1 U	1 U	0.88 J	**560**	**27**	**26**
Toluene	108-88-3	5	1 U	1.1	1 U	1 U	1 U	1 U	10 U	1 U	2 U
Ethylbenzene	100-41-4	5	1 U	**37**	1 U	1 U	1 U	**19**	**350**	**10**	**9.3**
M,P-Xylenes	179601-23-1	5	2 U	2	2 U	2 U	2 U	3.8	**13 J**	**5.8**	**5.5**
O-Xylene	95-47-6	5	1 U	**16**	1 U	1 U	1 U	**11**	**65**	**13**	**12**
Xylenes	1330-20-7	5	2 U	**18**	2 U	2 U	2 U	**15**	**78**	**19**	**18**
BTEX	BTEX	--	2 U	68	2 U	2 U	2 U	35	990	56	53
Semivolatile Organic Compounds in ug/l											
Benzo(a)anthracene	56-55-3	0.002	0.05 U	0.05 U	**0.041 J**	0.05 U	0.05 U	**0.084**	**1.2**	0.05 U	0.05 U
Benzo(a)pyrene	50-32-8	ND	0.05 U	0.05 U	**0.22**	**0.3**	0.05 U	**0.24**	**1.1**	0.05 U	0.05 U
Benzo(b)fluoranthene	205-99-2	0.002	0.05 U	0.05 U	**0.033 J**	0.05 U	0.05 U	**0.052**	**0.8**	0.05 U	0.05 U
Benzo(ghi)perylene	191-24-2	--	0.05 U	0.05 U	0.21	0.29	0.05 U	0.24	0.37	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	**0.061**	**0.28**	0.05 U	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	0.038 J	0.13	0.05 U	0.05 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.05 U	0.05 U	**0.24**	**0.31**	0.05 U	**0.24**	**0.34**	0.05 U	0.05 U
Acenaphthene	83-32-9	20	10 U	**120**	**21**	10 U	10 U	**53**	**40**	**26**	**21**
Acenaphthylene	208-96-8	--	10 U	1.4 J	10 U	10 U	10 U	3.2 J	1.7 J	10 U	10 U
Anthracene	120-12-7	50	10 U	10 U	10 U	10 U	10 U	2.7 J	2.7 J	10 U	10 U
Chrysene	218-01-9	0.002	2 U	2 U	2 U	2 U	2 U	2 U	**1.1 J**	2 U	2 U
Fluoranthene	206-44-0	50	10 U	10 U	10 U	10 U	10 U	1.2 J	2.2 J	10 U	10 U
Fluorene	86-73-7	50	10 U	18	10 U	10 U	10 U	15	11	3.4 J	2.5 J
Naphthalene	91-20-3	10	2 U	**13**	2 U	2 U	2 U	0.71 J	**300 D**	**130**	**90**
Phenanthrene	85-01-8	50	10 U	10 U	10 U	10 U	10 U	12	11	3.9 J	3 J
Pyrene	129-00-0	50	10 U	10 U	10 U	10 U	10 U	10 U	3.4 J	10 U	10 U
Cyanide in mg/l	57-12-5	0.2	0.01 UB	0.018 UB	0.01 UB	0.01 U	**0.58**	0.013 UB	0.01 U	0.01 UB	0.01 UB

Footnotes/Qualifiers:

ug/l: Micrograms per liter
mg/l: Milligrams per liter
U: Analyzed but not detected
J: Estimated value or limit
D: Result was obtained from a secondary dilution.
--: No limit
Exceeded TOGs Class GA groundwater standard.

FIGURES

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

D&B ENGINEERS AND ARCHITECTS

SCALE: N.T.S.

SITE LOCATION MAP

FIGURE 1

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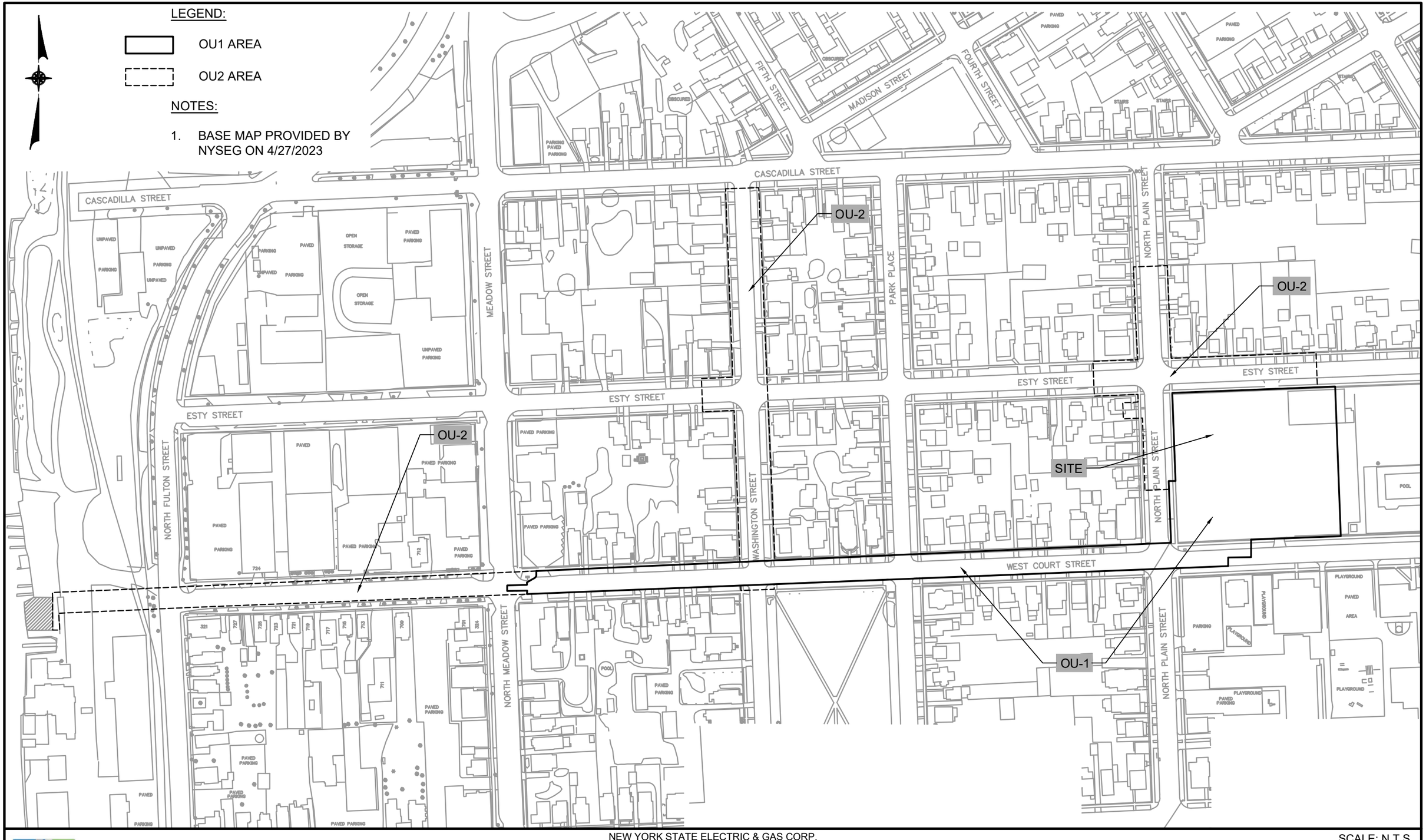
LEGEND:

OU1 AREA

OU2 AREA

NOTES:

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



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

SITE PLAN

SCALE: N.T.S.

FIGURE 2

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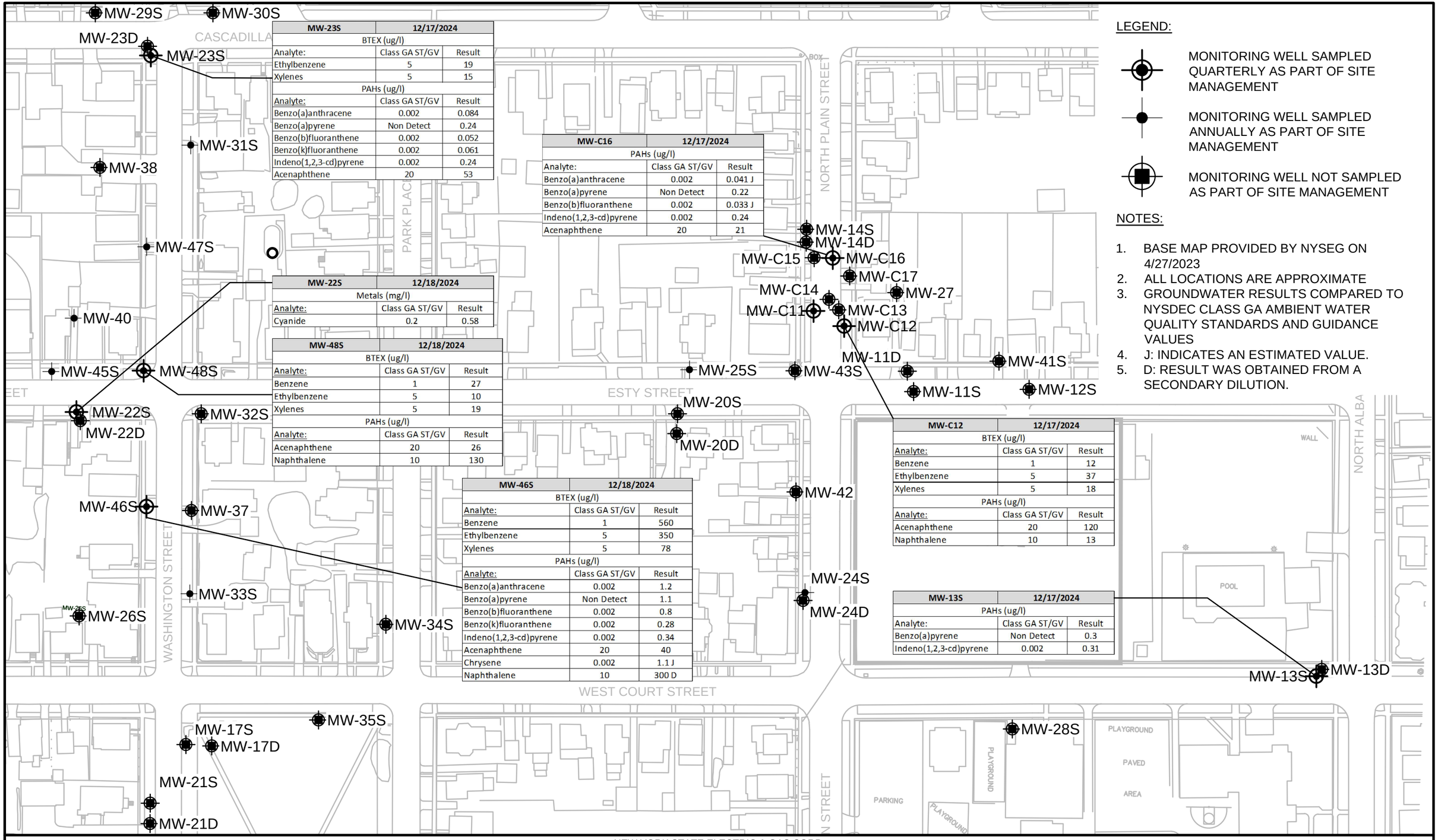

MW-23S	12/17/2024	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Ethylbenzene	5	19
Xylenes	5	15
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.084
Benzo(a)pyrene	Non Detect	0.24
Benzo(b)fluoranthene	0.002	0.052
Benzo(k)fluoranthene	0.002	0.061
Indeno(1,2,3-cd)pyrene	0.002	0.24
Acenaphthene	20	53

MW-C16	12/17/2024	
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.041 J
Benzo(a)pyrene	Non Detect	0.22
Benzo(b)fluoranthene	0.002	0.033 J
Indeno(1,2,3-cd)pyrene	0.002	0.24
Acenaphthene	20	21

MW-22S	12/18/2024	
Metals (mg/l)		
Analyte:	Class GA ST/GV	Result
Cyanide	0.2	0.58

MW-48S	12/18/2024	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	27
Ethylbenzene	5	10
Xylenes	5	19
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Acenaphthene	20	26
Naphthalene	10	130

MW-46S	12/18/2024	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	560
Ethylbenzene	5	350
Xylenes	5	78
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	1.2
Benzo(a)pyrene	Non Detect	1.1
Benzo(b)fluoranthene	0.002	0.8
Benzo(k)fluoranthene	0.002	0.28
Indeno(1,2,3-cd)pyrene	0.002	0.34
Acenaphthene	20	40
Chrysene	0.002	1.1 J
Naphthalene	10	300 D

MW-C12	12/17/2024	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	12
Ethylbenzene	5	37
Xylenes	5	18
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Acenaphthene	20	120
Naphthalene	10	13

MW-13S	12/17/2024	
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)pyrene	Non Detect	0.3
Indeno(1,2,3-cd)pyrene	0.002	0.31

LEGEND:

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

NOTES:

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

D&B ENGINEERS AND ARCHITECTS

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

SCALE: N.T.S.

4TH QUARTER 2024 GROUNDWATER ANALYTICAL EXCEEDANCES BTEX, PAHs, CYANIDE

FIGURE 3

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ATTACHMENTS

ATTACHMENT A

Groundwater Sampling Records

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 12/17/24

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser) 5.75
Depth of Well (feet from top of casing/riser) 15.24
Depth to 10 / 15 of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	10.09 ft. of water x 0.16 =	1.61	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]
1135	~150	5.67	7.16	13.68	3.58	176	1.22	-82
1140		5.74	7.16	14.47	2.89	130	0.36	-59
1145		5.78	7.13	14.44	2.43	57.6	0.16	-19
1150		5.78	7.13	14.46	2.38	35.0	0.08	-18
1155		5.88	7.13	14.54	2.38	21.6	0.01	-25
1200		5.88	7.14	14.33	2.39	7.1	0.00	-33
1205		5.91	7.14	14.50	2.39	2.6	0.00	-34
1210								

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

MW-C11-20241217

Sampling

Time of Sample Collection: 1205

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* One of two flags missing
Weather/Temperature: 44°F P. Sunny SW 5-10
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 12/17/24

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 6.03
Depth of Well (feet from top of casing/riser)..... 17.19

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

Purging Method

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

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	11.16 ft. of water x 0.16 =	1.8	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 ____ 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]
1235		6.50	7.30	14.65	1.72	11.2	0.74	-70
1240		6.64	7.24	14.88	1.70	0.0	0.25	-70
1245		6.69	7.29	14.88	1.46	0.0	0.09	-62
1250		6.74	7.32	14.90	1.42	0.0	0.00	-65
1255		7.75	7.33	14.91	1.40	0.0	0.00	-69
1300		7.77	7.34	14.93	1.43	0.0	0.00	-75

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

Also - MW-C12-20241217 MS MSD

Sampling

Time of Sample Collection: 1300

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: 46°F Cloudy 5-10 SW
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 12/17/24

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

SAMPLERS: GTS

Initial static water level (feet from top of casing/riser)..... 5.24
Depth of Well (feet from top of casing/riser)..... 15.87

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

Purging Method

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

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	10.63 ft. of water x 0.16 =	1.70	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]
1005	~150	6.20	6.76	14.29	3.80	447	1.15	-40
1010		7.38	6.97	14.70	3.62	125	0.34	-12
1015		8.36	7.02	14.85	3.59	74.9	0.19	-3
1020		8.95	7.04	14.89	3.57	59.5	0.11	-1
1025		9.38	7.06	14.91	3.58	56.1	0.06	-9
1030		9.58	7.07	15.02	3.52	28.2	0.03	-29
1035		9.78	7.09	15.10	3.47	15.3	0.00	-48
1040		9.78	7.10	15.19	3.41	2.5	0.00	-61

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

Sampling

Time of Sample Collection: 1040

MW-C16-20241217

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*) Concrete around RB is Cracked, 2 of 3 flanges Stripped.
Weather/Temperature: 44°F P.Sunny, 5-10mph SW
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 12/17/24

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

SAMPLERS:

Initial static water level (feet from top of casing/riser)..... 6.77
Depth of Well (feet from top of casing/riser)..... 14.41
Depth to 7 / 20 of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	7.64 ft. of water x 0.16 =	1.2	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]
1400	~150	6.75	7.39	15.31	1.71	177	1.89	-20
1405		6.78	7.25	15.63	1.72	50.0	0.56	-9
1410		6.78	7.22	15.72	1.73	42.3	0.30	8
1415		6.78	7.21	15.77	1.73	17.3	0.12	17
1420		6.78	7.19	15.71	1.74	2.3	0.05	25
1425		6.78	7.19	15.74	1.75	0.0	0.02	31
1430		6.78	7.19	15.72	1.74	0.0	0.00	32
1435		6.78	7.18	15.76	1.76	0.0	0.00	32

Purge Volume: Purging Time:
Purge Rate (gph): 1.5 gph

MW-13S_20241217

Sampling

Time of Sample Collection: 1435

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

Observations

Well Observations: Good: Yes / No*
Weather/Temperature: 40°s overcast 10-15 SW
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 ENGI AND ARC

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 12/18/24

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 3.82
Depth of Well (feet from top of casing/riser)..... 13.58
Depth to 4 / 14 of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	9.76 ft. of water x 0.16 =	1.6	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]
0920	~150	4.05	7.22	10.93	0.689	7.1	3.43	274
0925	|	4.16	6.98	12.78	0.655	4.6	2.02	295
0930	|	4.22	6.95	12.79	0.664	0.0	1.79	304
0935	|	4.27	6.96	12.84	0.663	0.0	1.76	308
0940	|	4.25	6.97	12.76	0.664	0.0	1.74	310
0945	|	4.26	6.96	12.80	0.664	0.0	1.61	314
0950		4.26	6.96	12.94	0.665	0.0	1.53	314
0955		4.26	6.96	12.88	0.666	0.0	1.51	315

Purge Volume: Purging Time:
Purge Rate (gph): 1.5gph

MW-22S_20241218

Sampling
Time of Sample Collection: 0955

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: 37°F 5-10 South
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

Veneman Bay

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 12/17/24

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 6.34
Depth of Well (feet from top of casing/riser)..... 13.65
Depth to 4 / 14 of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	7.31 ft. of water x 0.16 =	1.2	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]
1510	~150	6.41	7.15	13.83	0.735	15.6	0.52	-40
1515		6.40	7.09	13.82	0.731	14.7	0.22	-41
1520		6.41	7.09	13.53	0.724	4.6	0.26	-35
1525		6.40	7.07	13.45	0.720	1.1	0.28	-27
1530		6.40	7.05	13.37	0.715	0.0	0.36	-21
1535		6.41	7.04	13.33	0.712	0.0	0.35	-15
1540		6.41	7.03	13.31	0.711	0.0	0.36	-13

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

mw-23S_20241217

Sampling

Time of Sample Collection: 1540

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

Observations

Well Observations: Good: (Yes) / No* 2 of 3 Tabs broken
Weather/Temperature: 40°s overcast 10-15 SW
Sample description: Clear
Free Product? yes ____ no X describe
Sheen? yes ____ no X describe
Odor? yes X no ____ describe Slight gasoline-like odor

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 12/18/24

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 4.04
Depth of Well (feet from top of casing/riser)..... 16.93
Depth to 8 / 18 of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	12.89 ft. of water x 0.16 =	2.1	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: 2.2 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]
1210	~150	4.27	7.36	12.22	0.866	255	1.11	-56
1215		4.35	7.15	12.89	0.853	224	0.07	-61
1220		4.37	7.14	12.69	0.862	151	0.02	-66
1225		4.37	7.14	12.70	0.867	133	0.00	-67
1230		4.37	7.18	12.83	0.874	103	0.62	-59
1235		4.38	7.13	12.90	0.894	66.5	0.00	-67
1240		4.38	7.14	12.86	0.909	54.2	0.00	-71
1245		4.35	7.15	12.75	0.909	45.4	0.00	-73
1250		4.36	7.15	12.79	0.917	46.4	0.00	-73
1255		4.36	7.15	12.78	0.916	46.8	0.00	-73

Purge Volume: Purging Time:
Purge Rate (gph): 2.64gph

MW-46S_20241218
Stopped after 1225 to Clean Cell

Sampling

Time of Sample Collection: 1255

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

Observations

Well Observations: Good: Yes / No* Tar-like String on tape
Weather/Temperature: 40°F Overcast 5-10 mph SSW
Sample description: Clear
Free Product? yes ____ no X describe
Sheen? yes ____ no X describe
Odor? yes X no ____ describe Gasoline-like odor

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 12/18/24

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 3.74
Depth of Well (feet from top of casing/riser)..... 13.49
Depth to 4 / 14 of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	9.75 ft. of water x 0.16 =	1.6	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]
1035	150	4.05	7.20	12.18	2.47	0.0	1.30	-66
1040		4.04	7.28	12.88	2.46	0.0	0.10	-78
1045		4.05	7.32	13.18	2.49	0.0	0.00	-81
1050		4.05	7.34	13.33	2.50	0.0	0.00	-82
1055		4.05	7.34	13.46	2.52	0.0	0.00	-83
1100								
1105								
1110								

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

MW-48S-20241218

DUP-1-202412 Collected Here.

Sampling

Time of Sample Collection: 1055

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

Observations

Well Observations: Good: (Yes) / No*
Weather/Temperature: 38°F Overcast 5-10 mph South
Sample description: Clear
Free Product? yes ____ no X describe
Sheen? yes ____ no X describe
Odor? yes X no ____ describe gasoline like odor

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

ATTACHMENT B

Laboratory Analytical Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Gunther Schnorr
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JOB DESCRIPTION

NYSEG - Court Street OMM

JOB NUMBER

480-226452-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

myEOL

Job Notes

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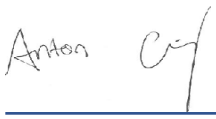

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Table of Contents

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Glossary

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

Job Narrative
480-226452-1

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

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

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

Receipt
The samples were received on 12/19/2024 10:00 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 2.0°C and 2.5°C.

GC/MS VOA
Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: DUP-1_202412 (480-226452-9). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-46S_20241218 (480-226452-7). 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
Method 8270E_SIM: The continuing calibration verification (CCV) analyzed in batch 460-1013868 was outside the method criteria for the following analyte(s): Dibenz(a,h)anthracene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E_SIM: The continuing calibration verification (CCV) analyzed in batch 460-1013804 was outside the method criteria for the following analyte(s): Dibenz(a,h)anthracene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

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

Detection Summary

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

Job ID: 480-226452-1

Client Sample ID: MW-C11_20241217 — Lab Sample ID: 480-226452-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.0071	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C12_20241217 — Lab Sample ID: 480-226452-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	12		1.0	0.41	ug/L	1		8260C	Total/NA
Toluene	1.1		1.0	0.51	ug/L	1		8260C	Total/NA
Ethylbenzene	37		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	2.0		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	16		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	68		2.0	1.0	ug/L	1		8260C	Total/NA
Acenaphthene	120		10	1.1	ug/L	1		8270E	Total/NA
Acenaphthylene	1.4	J	10	0.82	ug/L	1		8270E	Total/NA
Fluorene	18		10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	13		2.0	0.54	ug/L	1		8270E	Total/NA
Cyanide, Total	0.018	B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C16_20241217 — Lab Sample ID: 480-226452-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.041	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Benzo[a]pyrene	0.22		0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	0.033	J	0.050	0.024	ug/L	1		8270E SIM	Total/NA
Benzo[g,h,i]perylene	0.21		0.050	0.035	ug/L	1		8270E SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.24		0.050	0.036	ug/L	1		8270E SIM	Total/NA
Acenaphthene	21		10	1.1	ug/L	1		8270E	Total/NA
Cyanide, Total	0.0058	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-13S_20241217 — Lab Sample ID: 480-226452-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.30		0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[g,h,i]perylene	0.29		0.050	0.035	ug/L	1		8270E SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.31		0.050	0.036	ug/L	1		8270E SIM	Total/NA

Client Sample ID: MW-22S_20241218 — Lab Sample ID: 480-226452-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.58		0.020	0.0082	mg/L	2		9012B	Total/NA

Client Sample ID: MW-23S_20241217 — Lab Sample ID: 480-226452-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.88	J	1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	19		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	3.8		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	11		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	15		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	35		2.0	1.0	ug/L	1		8260C	Total/NA
Benzo[a]anthracene	0.084		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Benzo[a]pyrene	0.24		0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	0.052		0.050	0.024	ug/L	1		8270E SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: MW-23S_20241217 (Continued) — Lab Sample ID: 480-226452-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.24		0.050	0.035	ug/L	1		8270E SIM	Total/NA
Benzo[k]fluoranthene	0.061		0.050	0.028	ug/L	1		8270E SIM	Total/NA
Dibenz(a,h)anthracene	0.038	J	0.050	0.020	ug/L	1		8270E SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.24		0.050	0.036	ug/L	1		8270E SIM	Total/NA
Acenaphthene	53		10	1.1	ug/L	1		8270E	Total/NA
Acenaphthylene	3.2	J	10	0.82	ug/L	1		8270E	Total/NA
Anthracene	2.7	J	10	1.3	ug/L	1		8270E	Total/NA
Fluoranthene	1.2	J	10	0.84	ug/L	1		8270E	Total/NA
Fluorene	15		10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	0.71	J	2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	12		10	1.3	ug/L	1		8270E	Total/NA
Cyanide, Total	0.013	B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-46S_20241218 — Lab Sample ID: 480-226452-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	560		10	4.1	ug/L	10		8260C	Total/NA
Ethylbenzene	350		10	7.4	ug/L	10		8260C	Total/NA
m-Xylene & p-Xylene	13	J	20	6.6	ug/L	10		8260C	Total/NA
o-Xylene	65		10	7.6	ug/L	10		8260C	Total/NA
Xylenes, Total	78		20	6.6	ug/L	10		8260C	Total/NA
Total BTEX	990		20	10	ug/L	10		8260C	Total/NA
Benzo[a]anthracene	1.2		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Benzo[a]pyrene	1.1		0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	0.80		0.050	0.024	ug/L	1		8270E SIM	Total/NA
Benzo[g,h,i]perylene	0.37		0.050	0.035	ug/L	1		8270E SIM	Total/NA
Benzo[k]fluoranthene	0.28		0.050	0.028	ug/L	1		8270E SIM	Total/NA
Dibenz(a,h)anthracene	0.13		0.050	0.020	ug/L	1		8270E SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.34		0.050	0.036	ug/L	1		8270E SIM	Total/NA
Acenaphthene	40		10	1.1	ug/L	1		8270E	Total/NA
Acenaphthylene	1.7	J	10	0.82	ug/L	1		8270E	Total/NA
Anthracene	2.7	J	10	1.3	ug/L	1		8270E	Total/NA
Chrysene	1.1	J	2.0	0.91	ug/L	1		8270E	Total/NA
Fluoranthene	2.2	J	10	0.84	ug/L	1		8270E	Total/NA
Fluorene	11		10	0.91	ug/L	1		8270E	Total/NA
Phenanthrene	11		10	1.3	ug/L	1		8270E	Total/NA
Pyrene	3.4	J	10	1.6	ug/L	1		8270E	Total/NA
Naphthalene - DL	300		10	2.7	ug/L	5		8270E	Total/NA

Client Sample ID: MW-48S_20241218 — Lab Sample ID: 480-226452-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	27		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	10		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	5.8		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	13		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	19		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	56		2.0	1.0	ug/L	1		8260C	Total/NA
Acenaphthene	26		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	3.4	J	10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	130		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	3.9	J	10	1.3	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-48S_20241218 (Continued) — Lab Sample ID: 480-226452-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.0044	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: DUP-1_202412 — Lab Sample ID: 480-226452-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	26		2.0	0.82	ug/L	2		8260C	Total/NA
Ethylbenzene	9.3		2.0	1.5	ug/L	2		8260C	Total/NA
m-Xylene & p-Xylene	5.5		4.0	1.3	ug/L	2		8260C	Total/NA
o-Xylene	12		2.0	1.5	ug/L	2		8260C	Total/NA
Xylenes, Total	18		4.0	1.3	ug/L	2		8260C	Total/NA
Total BTEX	53		4.0	2.0	ug/L	2		8260C	Total/NA
Acenaphthene	21		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	2.5	J	10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	90		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	3.0	J	10	1.3	ug/L	1		8270E	Total/NA
Cyanide, Total	0.0084	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: TRIP_202412 — Lab Sample ID: 480-226452-10

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 480-226452-1

Client Sample ID: MW-C11_20241217

Date Collected: 12/17/24 12:05
Date Received: 12/19/24 10:00

Lab Sample ID: 480-226452-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			12/20/24 04:52	1
Toluene	1.0	U	1.0	0.51	ug/L			12/20/24 04:52	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/20/24 04:52	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/20/24 04:52	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/20/24 04:52	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/20/24 04:52	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/20/24 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*12/20/24 04:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*12/20/24 04:52*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*12/20/24 04:52*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*12/20/24 04:52*	*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		12/23/24 18:41	12/24/24 09:52	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		12/23/24 18:41	12/24/24 09:52	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/23/24 18:41	12/24/24 09:52	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/23/24 18:41	12/24/24 09:52	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/23/24 18:41	12/24/24 09:52	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/23/24 18:41	12/24/24 09:52	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/23/24 18:41	12/24/24 09:52	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		12/23/24 18:41	12/24/24 11:01	1
Acenaphthylene	10	U	10	0.82	ug/L		12/23/24 18:41	12/24/24 11:01	1
Anthracene	10	U	10	1.3	ug/L		12/23/24 18:41	12/24/24 11:01	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/23/24 18:41	12/24/24 11:01	1
Fluoranthene	10	U	10	0.84	ug/L		12/23/24 18:41	12/24/24 11:01	1
Fluorene	10	U	10	0.91	ug/L		12/23/24 18:41	12/24/24 11:01	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/23/24 18:41	12/24/24 11:01	1
Phenanthrene	10	U	10	1.3	ug/L		12/23/24 18:41	12/24/24 11:01	1
Pyrene	10	U	10	1.6	ug/L		12/23/24 18:41	12/24/24 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*46 - 139*	*12/23/24 18:41*	*12/24/24 11:01*	*1*
Nitrobenzene-d5 (Surr)	*86*		*51 - 145*	*12/23/24 18:41*	*12/24/24 11:01*	*1*
Terphenyl-d14 (Surr)	*96*		*13 - 159*	*12/23/24 18:41*	*12/24/24 11:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0071**	**J B**	0.010	0.0041	mg/L			12/26/24 19:58	1

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

Job ID: 480-226452-1

Client Sample ID: MW-C12_20241217

Date Collected: 12/17/24 13:00
Date Received: 12/19/24 10:00

Lab Sample ID: 480-226452-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**12**		1.0	0.41	ug/L			12/20/24 05:17	1
Toluene	**1.1**		1.0	0.51	ug/L			12/20/24 05:17	1
Ethylbenzene	**37**		1.0	0.74	ug/L			12/20/24 05:17	1
m-Xylene & p-Xylene	**2.0**		2.0	0.66	ug/L			12/20/24 05:17	1
o-Xylene	**16**		1.0	0.76	ug/L			12/20/24 05:17	1
Xylenes, Total	**18**		2.0	0.66	ug/L			12/20/24 05:17	1
Total BTEX	**68**		2.0	1.0	ug/L			12/20/24 05:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*12/20/24 05:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*12/20/24 05:17*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*12/20/24 05:17*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*12/20/24 05:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		12/23/24 18:41	12/24/24 10:35	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		12/23/24 18:41	12/24/24 10:35	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/23/24 18:41	12/24/24 10:35	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/23/24 18:41	12/24/24 10:35	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/23/24 18:41	12/24/24 10:35	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/23/24 18:41	12/24/24 10:35	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/23/24 18:41	12/24/24 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**120**		10	1.1	ug/L		12/23/24 18:41	12/24/24 11:22	1
Acenaphthylene	**1.4**	**J**	10	0.82	ug/L		12/23/24 18:41	12/24/24 11:22	1
Anthracene	10	U	10	1.3	ug/L		12/23/24 18:41	12/24/24 11:22	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/23/24 18:41	12/24/24 11:22	1
Fluoranthene	10	U	10	0.84	ug/L		12/23/24 18:41	12/24/24 11:22	1
Fluorene	**18**		10	0.91	ug/L		12/23/24 18:41	12/24/24 11:22	1
Naphthalene	**13**		2.0	0.54	ug/L		12/23/24 18:41	12/24/24 11:22	1
Phenanthrene	10	U	10	1.3	ug/L		12/23/24 18:41	12/24/24 11:22	1
Pyrene	10	U	10	1.6	ug/L		12/23/24 18:41	12/24/24 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*46 - 139*	*12/23/24 18:41*	*12/24/24 11:22*	*1*
Nitrobenzene-d5 (Surr)	*83*		*51 - 145*	*12/23/24 18:41*	*12/24/24 11:22*	*1*
Terphenyl-d14 (Surr)	*89*		*13 - 159*	*12/23/24 18:41*	*12/24/24 11:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.018**	**B**	0.010	0.0041	mg/L			12/26/24 19:49	1

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

Job ID: 480-226452-1

Client Sample ID: MW-C16_20241217

Date Collected: 12/17/24 10:40
Date Received: 12/19/24 10:00

Lab Sample ID: 480-226452-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			12/20/24 05:42	1
Toluene	1.0	U	1.0	0.51	ug/L			12/20/24 05:42	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/20/24 05:42	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/20/24 05:42	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/20/24 05:42	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/20/24 05:42	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/20/24 05:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*12/20/24 05:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*12/20/24 05:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*12/20/24 05:42*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*12/20/24 05:42*	*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	**0.041**	**J**	0.050	0.016	ug/L		12/23/24 18:41	12/24/24 11:38	1
Benzo[a]pyrene	**0.22**		0.050	0.022	ug/L		12/23/24 18:41	12/24/24 11:38	1
Benzo[b]fluoranthene	**0.033**	**J**	0.050	0.024	ug/L		12/23/24 18:41	12/24/24 11:38	1
Benzo[g,h,i]perylene	**0.21**		0.050	0.035	ug/L		12/23/24 18:41	12/24/24 11:38	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/23/24 18:41	12/24/24 11:38	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/23/24 18:41	12/24/24 11:38	1
Indeno[1,2,3-cd]pyrene	**0.24**		0.050	0.036	ug/L		12/23/24 18:41	12/24/24 11:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**21**		10	1.1	ug/L		12/23/24 18:41	12/24/24 12:26	1
Acenaphthylene	10	U	10	0.82	ug/L		12/23/24 18:41	12/24/24 12:26	1
Anthracene	10	U	10	1.3	ug/L		12/23/24 18:41	12/24/24 12:26	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/23/24 18:41	12/24/24 12:26	1
Fluoranthene	10	U	10	0.84	ug/L		12/23/24 18:41	12/24/24 12:26	1
Fluorene	10	U	10	0.91	ug/L		12/23/24 18:41	12/24/24 12:26	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/23/24 18:41	12/24/24 12:26	1
Phenanthrene	10	U	10	1.3	ug/L		12/23/24 18:41	12/24/24 12:26	1
Pyrene	10	U	10	1.6	ug/L		12/23/24 18:41	12/24/24 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*46 - 139*	*12/23/24 18:41*	*12/24/24 12:26*	*1*
Nitrobenzene-d5 (Surr)	*86*		*51 - 145*	*12/23/24 18:41*	*12/24/24 12:26*	*1*
Terphenyl-d14 (Surr)	*96*		*13 - 159*	*12/23/24 18:41*	*12/24/24 12:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0058**	**J B**	0.010	0.0041	mg/L			12/26/24 20:01	1

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

Job ID: 480-226452-1

Client Sample ID: MW-13S_20241217

Date Collected: 12/17/24 14:35
Date Received: 12/19/24 10:00

Lab Sample ID: 480-226452-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			12/20/24 06:06	1
Toluene	1.0	U	1.0	0.51	ug/L			12/20/24 06:06	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/20/24 06:06	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/20/24 06:06	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/20/24 06:06	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/20/24 06:06	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/20/24 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*12/20/24 06:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*12/20/24 06:06*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*12/20/24 06:06*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*12/20/24 06:06*	*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		12/23/24 18:41	12/24/24 12:00	1
Benzo[a]pyrene	**0.30**		0.050	0.022	ug/L		12/23/24 18:41	12/24/24 12:00	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/23/24 18:41	12/24/24 12:00	1
Benzo[g,h,i]perylene	**0.29**		0.050	0.035	ug/L		12/23/24 18:41	12/24/24 12:00	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/23/24 18:41	12/24/24 12:00	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/23/24 18:41	12/24/24 12:00	1
Indeno[1,2,3-cd]pyrene	**0.31**		0.050	0.036	ug/L		12/23/24 18:41	12/24/24 12:00	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		12/23/24 18:41	12/24/24 12:47	1
Acenaphthylene	10	U	10	0.82	ug/L		12/23/24 18:41	12/24/24 12:47	1
Anthracene	10	U	10	1.3	ug/L		12/23/24 18:41	12/24/24 12:47	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/23/24 18:41	12/24/24 12:47	1
Fluoranthene	10	U	10	0.84	ug/L		12/23/24 18:41	12/24/24 12:47	1
Fluorene	10	U	10	0.91	ug/L		12/23/24 18:41	12/24/24 12:47	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/23/24 18:41	12/24/24 12:47	1
Phenanthrene	10	U	10	1.3	ug/L		12/23/24 18:41	12/24/24 12:47	1
Pyrene	10	U	10	1.6	ug/L		12/23/24 18:41	12/24/24 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*100*		*46 - 139*	*12/23/24 18:41*	*12/24/24 12:47*	*1*
Nitrobenzene-d5 (Surr)	*91*		*51 - 145*	*12/23/24 18:41*	*12/24/24 12:47*	*1*
Terphenyl-d14 (Surr)	*98*		*13 - 159*	*12/23/24 18:41*	*12/24/24 12:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			12/26/24 20:05	1

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

Job ID: 480-226452-1

Client Sample ID: MW-22S_20241218

Date Collected: 12/18/24 09:55
Date Received: 12/19/24 10:00

Lab Sample ID: 480-226452-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			12/20/24 06:31	1
Toluene	1.0	U	1.0	0.51	ug/L			12/20/24 06:31	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/20/24 06:31	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/20/24 06:31	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/20/24 06:31	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/20/24 06:31	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/20/24 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*12/20/24 06:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*12/20/24 06:31*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*12/20/24 06:31*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*12/20/24 06:31*	*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		12/24/24 08:14	12/24/24 18:16	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		12/24/24 08:14	12/24/24 18:16	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/24/24 08:14	12/24/24 18:16	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/24/24 08:14	12/24/24 18:16	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/24/24 08:14	12/24/24 18:16	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/24/24 08:14	12/24/24 18:16	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/24/24 08:14	12/24/24 18:16	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		12/24/24 08:14	12/26/24 13:01	1
Acenaphthylene	10	U	10	0.82	ug/L		12/24/24 08:14	12/26/24 13:01	1
Anthracene	10	U	10	1.3	ug/L		12/24/24 08:14	12/26/24 13:01	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/24/24 08:14	12/26/24 13:01	1
Fluoranthene	10	U	10	0.84	ug/L		12/24/24 08:14	12/26/24 13:01	1
Fluorene	10	U	10	0.91	ug/L		12/24/24 08:14	12/26/24 13:01	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/24/24 08:14	12/26/24 13:01	1
Phenanthrene	10	U	10	1.3	ug/L		12/24/24 08:14	12/26/24 13:01	1
Pyrene	10	U	10	1.6	ug/L		12/24/24 08:14	12/26/24 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*46 - 139*	*12/24/24 08:14*	*12/26/24 13:01*	*1*
Nitrobenzene-d5 (Surr)	*80*		*51 - 145*	*12/24/24 08:14*	*12/26/24 13:01*	*1*
Terphenyl-d14 (Surr)	*34*		*13 - 159*	*12/24/24 08:14*	*12/26/24 13:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.58**		0.020	0.0082	mg/L			12/30/24 17:19	2

Client Sample ID: MW-23S_20241217

Date Collected: 12/17/24 15:40
Date Received: 12/19/24 10:00

Lab Sample ID: 480-226452-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.88**	**J**	1.0	0.41	ug/L			12/20/24 06:55	1
Toluene	1.0	U	1.0	0.51	ug/L			12/20/24 06:55	1
Ethylbenzene	**19**		1.0	0.74	ug/L			12/20/24 06:55	1
m-Xylene & p-Xylene	**3.8**		2.0	0.66	ug/L			12/20/24 06:55	1
o-Xylene	**11**		1.0	0.76	ug/L			12/20/24 06:55	1
Xylenes, Total	**15**		2.0	0.66	ug/L			12/20/24 06:55	1
Total BTEX	**35**		2.0	1.0	ug/L			12/20/24 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*12/20/24 06:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*12/20/24 06:55*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*12/20/24 06:55*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*12/20/24 06:55*	*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	**0.084**		0.050	0.016	ug/L		12/23/24 18:41	12/24/24 12:21	1
Benzo[a]pyrene	**0.24**		0.050	0.022	ug/L		12/23/24 18:41	12/24/24 12:21	1
Benzo[b]fluoranthene	**0.052**		0.050	0.024	ug/L		12/23/24 18:41	12/24/24 12:21	1
Benzo[g,h,i]perylene	**0.24**		0.050	0.035	ug/L		12/23/24 18:41	12/24/24 12:21	1
Benzo[k]fluoranthene	**0.061**		0.050	0.028	ug/L		12/23/24 18:41	12/24/24 12:21	1
Dibenz(a,h)anthracene	**0.038**	**J**	0.050	0.020	ug/L		12/23/24 18:41	12/24/24 12:21	1
Indeno[1,2,3-cd]pyrene	**0.24**		0.050	0.036	ug/L		12/23/24 18:41	12/24/24 12:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**53**		10	1.1	ug/L		12/23/24 18:41	12/24/24 13:08	1
Acenaphthylene	**3.2**	**J**	10	0.82	ug/L		12/23/24 18:41	12/24/24 13:08	1
Anthracene	**2.7**	**J**	10	1.3	ug/L		12/23/24 18:41	12/24/24 13:08	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/23/24 18:41	12/24/24 13:08	1
Fluoranthene	**1.2**	**J**	10	0.84	ug/L		12/23/24 18:41	12/24/24 13:08	1
Fluorene	**15**		10	0.91	ug/L		12/23/24 18:41	12/24/24 13:08	1
Naphthalene	**0.71**	**J**	2.0	0.54	ug/L		12/23/24 18:41	12/24/24 13:08	1
Phenanthrene	**12**		10	1.3	ug/L		12/23/24 18:41	12/24/24 13:08	1
Pyrene	10	U	10	1.6	ug/L		12/23/24 18:41	12/24/24 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*46 - 139*	*12/23/24 18:41*	*12/24/24 13:08*	*1*
Nitrobenzene-d5 (Surr)	*88*		*51 - 145*	*12/23/24 18:41*	*12/24/24 13:08*	*1*
Terphenyl-d14 (Surr)	*97*		*13 - 159*	*12/23/24 18:41*	*12/24/24 13:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.013**	**B**	0.010	0.0041	mg/L			12/26/24 20:11	1

Client Sample ID: MW-46S_20241218

Date Collected: 12/18/24 12:55
Date Received: 12/19/24 10:00

Lab Sample ID: 480-226452-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	560		10	4.1	ug/L			12/20/24 16:49	10
Toluene	10	U	10	5.1	ug/L			12/20/24 16:49	10
Ethylbenzene	350		10	7.4	ug/L			12/20/24 16:49	10
m-Xylene & p-Xylene	13	J	20	6.6	ug/L			12/20/24 16:49	10
o-Xylene	65		10	7.6	ug/L			12/20/24 16:49	10
Xylenes, Total	78		20	6.6	ug/L			12/20/24 16:49	10
Total BTEX	990		20	10	ug/L			12/20/24 16:49	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*12/20/24 16:49*	*10*
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*		*12/20/24 16:49*	*10*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*12/20/24 16:49*	*10*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*12/20/24 16:49*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	1.2		0.050	0.016	ug/L		12/24/24 08:14	12/24/24 18:37	1
Benzo[a]pyrene	1.1		0.050	0.022	ug/L		12/24/24 08:14	12/24/24 18:37	1
Benzo[b]fluoranthene	0.80		0.050	0.024	ug/L		12/24/24 08:14	12/24/24 18:37	1
Benzo[g,h,i]perylene	0.37		0.050	0.035	ug/L		12/24/24 08:14	12/24/24 18:37	1
Benzo[k]fluoranthene	0.28		0.050	0.028	ug/L		12/24/24 08:14	12/24/24 18:37	1
Dibenz(a,h)anthracene	0.13		0.050	0.020	ug/L		12/24/24 08:14	12/24/24 18:37	1
Indeno[1,2,3-cd]pyrene	0.34		0.050	0.036	ug/L		12/24/24 08:14	12/24/24 18:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	40		10	1.1	ug/L		12/24/24 08:14	12/26/24 13:22	1
Acenaphthylene	1.7	J	10	0.82	ug/L		12/24/24 08:14	12/26/24 13:22	1
Anthracene	2.7	J	10	1.3	ug/L		12/24/24 08:14	12/26/24 13:22	1
Chrysene	1.1	J	2.0	0.91	ug/L		12/24/24 08:14	12/26/24 13:22	1
Fluoranthene	2.2	J	10	0.84	ug/L		12/24/24 08:14	12/26/24 13:22	1
Fluorene	11		10	0.91	ug/L		12/24/24 08:14	12/26/24 13:22	1
Phenanthrene	11		10	1.3	ug/L		12/24/24 08:14	12/26/24 13:22	1
Pyrene	3.4	J	10	1.6	ug/L		12/24/24 08:14	12/26/24 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*89*		*46 - 139*	*12/24/24 08:14*	*12/26/24 13:22*	*1*
Nitrobenzene-d5 (Surr)	*91*		*51 - 145*	*12/24/24 08:14*	*12/26/24 13:22*	*1*
Terphenyl-d14 (Surr)	*33*		*13 - 159*	*12/24/24 08:14*	*12/26/24 13:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	300		10	2.7	ug/L		12/24/24 08:14	12/26/24 16:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*89*		*46 - 139*	*12/24/24 08:14*	*12/26/24 16:10*	*5*
Nitrobenzene-d5 (Surr)	*89*		*51 - 145*	*12/24/24 08:14*	*12/26/24 16:10*	*5*
Terphenyl-d14 (Surr)	*31*		*13 - 159*	*12/24/24 08:14*	*12/26/24 16:10*	*5*

Client Sample ID: MW-46S_20241218

Lab Sample ID: 480-226452-7

Date Collected: 12/18/24 12:55

Matrix: Water

Date Received: 12/19/24 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			12/26/24 20:14	1

Client Sample ID: MW-48S_20241218

Lab Sample ID: 480-226452-8

Date Collected: 12/18/24 10:55

Matrix: Water

Date Received: 12/19/24 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**27**		1.0	0.41	ug/L			12/20/24 07:45	1
Toluene	1.0	U	1.0	0.51	ug/L			12/20/24 07:45	1
Ethylbenzene	**10**		1.0	0.74	ug/L			12/20/24 07:45	1
m-Xylene & p-Xylene	**5.8**		2.0	0.66	ug/L			12/20/24 07:45	1
o-Xylene	**13**		1.0	0.76	ug/L			12/20/24 07:45	1
Xylenes, Total	**19**		2.0	0.66	ug/L			12/20/24 07:45	1
Total BTEX	**56**		2.0	1.0	ug/L			12/20/24 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*12/20/24 07:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*12/20/24 07:45*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*12/20/24 07:45*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*12/20/24 07:45*	*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		12/24/24 08:14	12/24/24 18:58	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		12/24/24 08:14	12/24/24 18:58	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/24/24 08:14	12/24/24 18:58	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/24/24 08:14	12/24/24 18:58	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/24/24 08:14	12/24/24 18:58	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/24/24 08:14	12/24/24 18:58	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/24/24 08:14	12/24/24 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**26**		10	1.1	ug/L		12/24/24 08:14	12/26/24 13:43	1
Acenaphthylene	10	U	10	0.82	ug/L		12/24/24 08:14	12/26/24 13:43	1
Anthracene	10	U	10	1.3	ug/L		12/24/24 08:14	12/26/24 13:43	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/24/24 08:14	12/26/24 13:43	1
Fluoranthene	10	U	10	0.84	ug/L		12/24/24 08:14	12/26/24 13:43	1
Fluorene	**3.4**	**J**	10	0.91	ug/L		12/24/24 08:14	12/26/24 13:43	1
Naphthalene	**130**		2.0	0.54	ug/L		12/24/24 08:14	12/26/24 13:43	1
Phenanthrene	**3.9**	**J**	10	1.3	ug/L		12/24/24 08:14	12/26/24 13:43	1
Pyrene	10	U	10	1.6	ug/L		12/24/24 08:14	12/26/24 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*98*		*46 - 139*	*12/24/24 08:14*	*12/26/24 13:43*	*1*
Nitrobenzene-d5 (Surr)	*95*		*51 - 145*	*12/24/24 08:14*	*12/26/24 13:43*	*1*
Terphenyl-d14 (Surr)	*49*		*13 - 159*	*12/24/24 08:14*	*12/26/24 13:43*	*1*

Client Sample ID: MW-48S_20241218

Lab Sample ID: 480-226452-8

Date Collected: 12/18/24 10:55
Matrix: Water
Date Received: 12/19/24 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.0044	J B	0.010	0.0041	mg/L			12/26/24 20:17	1

Client Sample ID: DUP-1_202412

Lab Sample ID: 480-226452-9

Date Collected: 12/18/24 00:00
Matrix: Water
Date Received: 12/19/24 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	26		2.0	0.82	ug/L			12/20/24 08:10	2
Toluene	2.0	U	2.0	1.0	ug/L			12/20/24 08:10	2
Ethylbenzene	9.3		2.0	1.5	ug/L			12/20/24 08:10	2
m-Xylene & p-Xylene	5.5		4.0	1.3	ug/L			12/20/24 08:10	2
o-Xylene	12		2.0	1.5	ug/L			12/20/24 08:10	2
Xylenes, Total	18		4.0	1.3	ug/L			12/20/24 08:10	2
Total BTEX	53		4.0	2.0	ug/L			12/20/24 08:10	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*12/20/24 08:10*	*2*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*12/20/24 08:10*	*2*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*12/20/24 08:10*	*2*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*12/20/24 08:10*	*2*

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		12/24/24 08:14	12/24/24 19:19	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		12/24/24 08:14	12/24/24 19:19	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/24/24 08:14	12/24/24 19:19	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/24/24 08:14	12/24/24 19:19	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/24/24 08:14	12/24/24 19:19	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/24/24 08:14	12/24/24 19:19	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/24/24 08:14	12/24/24 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	21		10	1.1	ug/L		12/24/24 08:14	12/26/24 14:04	1
Acenaphthylene	10	U	10	0.82	ug/L		12/24/24 08:14	12/26/24 14:04	1
Anthracene	10	U	10	1.3	ug/L		12/24/24 08:14	12/26/24 14:04	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/24/24 08:14	12/26/24 14:04	1
Fluoranthene	10	U	10	0.84	ug/L		12/24/24 08:14	12/26/24 14:04	1
Fluorene	2.5	J	10	0.91	ug/L		12/24/24 08:14	12/26/24 14:04	1
Naphthalene	90		2.0	0.54	ug/L		12/24/24 08:14	12/26/24 14:04	1
Phenanthrene	3.0	J	10	1.3	ug/L		12/24/24 08:14	12/26/24 14:04	1
Pyrene	10	U	10	1.6	ug/L		12/24/24 08:14	12/26/24 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*46 - 139*	*12/24/24 08:14*	*12/26/24 14:04*	*1*
Nitrobenzene-d5 (Surr)	*87*		*51 - 145*	*12/24/24 08:14*	*12/26/24 14:04*	*1*
Terphenyl-d14 (Surr)	*35*		*13 - 159*	*12/24/24 08:14*	*12/26/24 14:04*	*1*

Client Sample ID: DUP-1_202412

Lab Sample ID: 480-226452-9

Date Collected: 12/18/24 00:00

Matrix: Water

Date Received: 12/19/24 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.0084	J B	0.010	0.0041	mg/L			12/26/24 20:41	1

Client Sample ID: TRIP_202412

Lab Sample ID: 480-226452-10

Date Collected: 12/18/24 00:00

Matrix: Water

Date Received: 12/19/24 10:00

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			12/20/24 08:34	1
Toluene	1.0	U	1.0	0.51	ug/L			12/20/24 08:34	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/20/24 08:34	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/20/24 08:34	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/20/24 08:34	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/20/24 08:34	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/20/24 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*12/20/24 08:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*12/20/24 08:34*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*12/20/24 08:34*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*12/20/24 08:34*	*1*

Surrogate Summary

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

Job ID: 480-226452-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-226452-1	MW-C11_20241217	92	94	101	97
480-226452-2	MW-C12_20241217	94	96	102	94
480-226452-2 MS	MW-C12_20241217 MS	95	103	104	98
480-226452-2 MSD	MW-C12_20241217 MSD	90	96	98	96
480-226452-3	MW-C16_20241217	92	96	103	97
480-226452-4	MW-13S_20241217	95	100	104	100
480-226452-5	MW-22S_20241218	93	96	101	95
480-226452-6	MW-23S_20241217	94	95	102	96
480-226452-7	MW-46S_20241218	94	88	102	92
480-226452-8	MW-48S_20241218	94	99	104	98
480-226452-9	DUP-1_202412	92	98	105	98
480-226452-10	TRIP_202412	95	95	105	96
LCS 480-735771/6	Lab Control Sample	94	97	105	98
LCS 480-735828/6	Lab Control Sample	95	105	106	96
LCSD 480-735828/7	Lab Control Sample Dup	94	94	105	97
MB 480-735771/8	Method Blank	96	99	106	96
MB 480-735828/9	Method Blank	93	94	102	96

Surrogate Legend

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

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(46-139)	(51-145)	(13-159)
480-226452-1	MW-C11_20241217	93	86	96
480-226452-2	MW-C12_20241217	90	83	89
480-226452-2 MS	MW-C12_20241217 MS	94	88	93
480-226452-2 MSD	MW-C12_20241217 MSD	94	85	93
480-226452-3	MW-C16_20241217	91	86	96
480-226452-4	MW-13S_20241217	100	91	98
480-226452-5	MW-22S_20241218	82	80	34
480-226452-6	MW-23S_20241217	97	88	97
480-226452-7	MW-46S_20241218	89	91	33
480-226452-7 - DL	MW-46S_20241218	89	89	31
480-226452-8	MW-48S_20241218	98	95	49
480-226452-9	DUP-1_202412	86	87	35
LCS 460-1013773/2-A	Lab Control Sample	91	87	104
LCS 460-1013836/2-A	Lab Control Sample	92	95	103
LCSD 460-1013773/3-A	Lab Control Sample Dup	95	92	108
LCSD 460-1013836/3-A	Lab Control Sample Dup	100	102	106
MB 460-1013773/1-A	Method Blank	111	102	89
MB 460-1013836/1-A	Method Blank	84	85	64

Surrogate Legend

FBP = 2-Fluorobiphenyl

Surrogate Summary

Client: D&B Engineers and Architects, P.C.
Job ID: 480-226452-1
Project/Site: NYSEG - Court Street OMM

NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

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

Lab Sample ID: MB 480-735771/8
Matrix: Water
Analysis Batch: 735771

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			12/20/24 01:36	1
Toluene	1.0	U	1.0	0.51	ug/L			12/20/24 01:36	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/20/24 01:36	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/20/24 01:36	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/20/24 01:36	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/20/24 01:36	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/20/24 01:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*12/20/24 01:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*12/20/24 01:36*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*12/20/24 01:36*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*12/20/24 01:36*	*1*

Lab Sample ID: LCS 480-735771/6
Matrix: Water
Analysis Batch: 735771

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	22.7		ug/L		91	71 - 124
Toluene	25.0	21.6		ug/L		86	80 - 122
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
m-Xylene & p-Xylene	25.0	23.2		ug/L		93	76 - 122
o-Xylene	25.0	23.3		ug/L		93	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

Lab Sample ID: 480-226452-2 MS
Matrix: Water
Analysis Batch: 735771

Client Sample ID: MW-C12_20241217 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	12		25.0	36.8		ug/L		99	71 - 124
Toluene	1.1		25.0	25.0		ug/L		96	80 - 122
Ethylbenzene	37		25.0	62.2		ug/L		100	77 - 123
m-Xylene & p-Xylene	2.0		25.0	27.0		ug/L		100	76 - 122
o-Xylene	16		25.0	41.3		ug/L		101	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

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

Lab Sample ID: 480-226452-2 MSD
Matrix: Water
Analysis Batch: 735771

Client Sample ID: MW-C12_20241217 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	12		25.0	37.1		ug/L		100	71 - 124	1	13
Toluene	1.1		25.0	24.7		ug/L		94	80 - 122	1	15
Ethylbenzene	37		25.0	59.2		ug/L		88	77 - 123	5	15
m-Xylene & p-Xylene	2.0		25.0	27.1		ug/L		100	76 - 122	0	16
o-Xylene	16		25.0	40.6		ug/L		98	76 - 122	2	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*90*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 123*

Lab Sample ID: MB 480-735828/9
Matrix: Water
Analysis Batch: 735828

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			12/20/24 14:20	1
Toluene	1.0	U	1.0	0.51	ug/L			12/20/24 14:20	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/20/24 14:20	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/20/24 14:20	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/20/24 14:20	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/20/24 14:20	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/20/24 14:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*12/20/24 14:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*12/20/24 14:20*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*12/20/24 14:20*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*12/20/24 14:20*	*1*

Lab Sample ID: LCS 480-735828/6
Matrix: Water
Analysis Batch: 735828

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	23.0		ug/L		92	71 - 124		
Toluene			25.0	22.1		ug/L		89	80 - 122		
Ethylbenzene			25.0	23.6		ug/L		94	77 - 123		
m-Xylene & p-Xylene			25.0	22.8		ug/L		91	76 - 122		
o-Xylene			25.0	23.7		ug/L		95	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 123*

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

Lab Sample ID: LCSD 480-735828/7
Matrix: Water
Analysis Batch: 735828

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			25.0	22.9		ug/L		92	71 - 124	0	13
Toluene			25.0	21.7		ug/L		87	80 - 122	2	15
Ethylbenzene			25.0	23.7		ug/L		95	77 - 123	1	15
m-Xylene & p-Xylene			25.0	23.7		ug/L		95	76 - 122	4	16
o-Xylene			25.0	23.8		ug/L		95	76 - 122	0	16

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*

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

Lab Sample ID: MB 460-1013773/1-A
Matrix: Water
Analysis Batch: 1013823

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1013773

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		12/23/24 18:41	12/24/24 10:40	1
Acenaphthylene	10	U	10	0.82	ug/L		12/23/24 18:41	12/24/24 10:40	1
Anthracene	10	U	10	1.3	ug/L		12/23/24 18:41	12/24/24 10:40	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/23/24 18:41	12/24/24 10:40	1
Fluoranthene	10	U	10	0.84	ug/L		12/23/24 18:41	12/24/24 10:40	1
Fluorene	10	U	10	0.91	ug/L		12/23/24 18:41	12/24/24 10:40	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/23/24 18:41	12/24/24 10:40	1
Phenanthrene	10	U	10	1.3	ug/L		12/23/24 18:41	12/24/24 10:40	1
Pyrene	10	U	10	1.6	ug/L		12/23/24 18:41	12/24/24 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*111*		*46 - 139*	*12/23/24 18:41*	*12/24/24 10:40*	*1*
Nitrobenzene-d5 (Surr)	*102*		*51 - 145*	*12/23/24 18:41*	*12/24/24 10:40*	*1*
Terphenyl-d14 (Surr)	*89*		*13 - 159*	*12/23/24 18:41*	*12/24/24 10:40*	*1*

Lab Sample ID: LCS 460-1013773/2-A
Matrix: Water
Analysis Batch: 1013823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1013773

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	80.0	74.2		ug/L		93	62 - 127
Acenaphthylene	80.0	78.3		ug/L		98	58 - 122
Anthracene	80.0	79.2		ug/L		99	67 - 127
Chrysene	80.0	80.9		ug/L		101	70 - 132
Fluoranthene	80.0	84.3		ug/L		105	69 - 137
Fluorene	80.0	79.9		ug/L		100	67 - 125
Naphthalene	80.0	55.1		ug/L		69	39 - 126
Phenanthrene	80.0	79.2		ug/L		99	68 - 126
Pyrene	80.0	77.8		ug/L		97	60 - 137

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

Lab Sample ID: LCS 460-1013773/2-A
Matrix: Water
Analysis Batch: 1013823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1013773

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	91		46 - 139
Nitrobenzene-d5 (Surr)	87		51 - 145
Terphenyl-d14 (Surr)	104		13 - 159

Lab Sample ID: LCSD 460-1013773/3-A
Matrix: Water
Analysis Batch: 1013823

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1013773

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			80.0	74.2		ug/L		93	62 - 127	0	30
Acenaphthylene			80.0	78.4		ug/L		98	58 - 122	0	30
Anthracene			80.0	81.5		ug/L		102	67 - 127	3	30
Chrysene			80.0	81.6		ug/L		102	70 - 132	1	30
Fluoranthene			80.0	89.6		ug/L		112	69 - 137	6	30
Fluorene			80.0	81.9		ug/L		102	67 - 125	3	30
Naphthalene			80.0	54.6		ug/L		68	39 - 126	1	30
Phenanthrene			80.0	81.7		ug/L		102	68 - 126	3	30
Pyrene			80.0	79.5		ug/L		99	60 - 137	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	95		46 - 139
Nitrobenzene-d5 (Surr)	92		51 - 145
Terphenyl-d14 (Surr)	108		13 - 159

Lab Sample ID: 480-226452-2 MS
Matrix: Water
Analysis Batch: 1013823

Client Sample ID: MW-C12_20241217 MS
Prep Type: Total/NA
Prep Batch: 1013773

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	120		40.0	171		ug/L		121	62 - 127
Acenaphthylene	1.4	J	40.0	44.3		ug/L		107	58 - 122
Anthracene	10	U	40.0	42.7		ug/L		107	67 - 127
Chrysene	2.0	U	40.0	42.4		ug/L		106	70 - 132
Fluoranthene	10	U	40.0	45.4		ug/L		114	69 - 137
Fluorene	18		40.0	62.5		ug/L		111	67 - 125
Naphthalene	13		40.0	47.7		ug/L		87	39 - 126
Phenanthrene	10	U	40.0	42.7		ug/L		107	68 - 126
Pyrene	10	U	40.0	40.1		ug/L		100	60 - 137

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl	94		46 - 139
Nitrobenzene-d5 (Surr)	88		51 - 145
Terphenyl-d14 (Surr)	93		13 - 159

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

Lab Sample ID: 480-226452-2 MSD
Matrix: Water
Analysis Batch: 1013823

Client Sample ID: MW-C12_20241217 MSD
Prep Type: Total/NA
Prep Batch: 1013773

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	120		40.0	171		ug/L		121	62 - 127	0	30
Acenaphthylene	1.4	J	40.0	44.6		ug/L		108	58 - 122	1	30
Anthracene	10	U	40.0	42.7		ug/L		107	67 - 127	0	30
Chrysene	2.0	U	40.0	42.5		ug/L		106	70 - 132	0	30
Fluoranthene	10	U	40.0	45.4		ug/L		113	69 - 137	0	30
Fluorene	18		40.0	61.6		ug/L		109	67 - 125	1	30
Naphthalene	13		40.0	46.6		ug/L		84	39 - 126	2	30
Phenanthrene	10	U	40.0	43.1		ug/L		108	68 - 126	1	30
Pyrene	10	U	40.0	40.5		ug/L		101	60 - 137	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*94*		*46 - 139*
Nitrobenzene-d5 (Surr)	*85*		*51 - 145*
Terphenyl-d14 (Surr)	*93*		*13 - 159*

Lab Sample ID: MB 460-1013836/1-A
Matrix: Water
Analysis Batch: 1013857

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1013836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		12/24/24 08:14	12/24/24 14:16	1
Acenaphthylene	10	U	10	0.82	ug/L		12/24/24 08:14	12/24/24 14:16	1
Anthracene	10	U	10	1.3	ug/L		12/24/24 08:14	12/24/24 14:16	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/24/24 08:14	12/24/24 14:16	1
Fluoranthene	10	U	10	0.84	ug/L		12/24/24 08:14	12/24/24 14:16	1
Fluorene	10	U	10	0.91	ug/L		12/24/24 08:14	12/24/24 14:16	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/24/24 08:14	12/24/24 14:16	1
Phenanthrene	10	U	10	1.3	ug/L		12/24/24 08:14	12/24/24 14:16	1
Pyrene	10	U	10	1.6	ug/L		12/24/24 08:14	12/24/24 14:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*46 - 139*	*12/24/24 08:14*	*12/24/24 14:16*	*1*
Nitrobenzene-d5 (Surr)	*85*		*51 - 145*	*12/24/24 08:14*	*12/24/24 14:16*	*1*
Terphenyl-d14 (Surr)	*64*		*13 - 159*	*12/24/24 08:14*	*12/24/24 14:16*	*1*

Lab Sample ID: LCS 460-1013836/2-A
Matrix: Water
Analysis Batch: 1013857

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1013836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	80.0	71.8		ug/L		90	62 - 127
Acenaphthylene	80.0	78.7		ug/L		98	58 - 122
Anthracene	80.0	79.9		ug/L		100	67 - 127
Chrysene	80.0	82.8		ug/L		104	70 - 132
Fluoranthene	80.0	87.6		ug/L		109	69 - 137
Fluorene	80.0	78.3		ug/L		98	67 - 125
Naphthalene	80.0	56.9		ug/L		71	39 - 126
Phenanthrene	80.0	81.8		ug/L		102	68 - 126

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

Lab Sample ID: LCS 460-1013836/2-A
Matrix: Water
Analysis Batch: 1013857

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1013836

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pyrene			80.0	79.5		ug/L		99	60 - 137		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*92*		*46 - 139*
Nitrobenzene-d5 (Surr)	*95*		*51 - 145*
Terphenyl-d14 (Surr)	*103*		*13 - 159*

Lab Sample ID: LCSD 460-1013836/3-A
Matrix: Water
Analysis Batch: 1013857

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1013836

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			80.0	75.3		ug/L		94	62 - 127	5	30
Acenaphthylene			80.0	80.1		ug/L		100	58 - 122	2	30
Anthracene			80.0	83.1		ug/L		104	67 - 127	4	30
Chrysene			80.0	82.2		ug/L		103	70 - 132	1	30
Fluoranthene			80.0	89.8		ug/L		112	69 - 137	3	30
Fluorene			80.0	81.1		ug/L		101	67 - 125	3	30
Naphthalene			80.0	56.0		ug/L		70	39 - 126	2	30
Phenanthrene			80.0	83.4		ug/L		104	68 - 126	2	30
Pyrene			80.0	78.8		ug/L		98	60 - 137	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*100*		*46 - 139*
Nitrobenzene-d5 (Surr)	*102*		*51 - 145*
Terphenyl-d14 (Surr)	*106*		*13 - 159*

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

Lab Sample ID: MB 460-1013773/1-A
Matrix: Water
Analysis Batch: 1013804

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1013773

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		12/23/24 18:41	12/24/24 10:14	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		12/23/24 18:41	12/24/24 10:14	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/23/24 18:41	12/24/24 10:14	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/23/24 18:41	12/24/24 10:14	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/23/24 18:41	12/24/24 10:14	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/23/24 18:41	12/24/24 10:14	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/23/24 18:41	12/24/24 10:14	1

Lab Sample ID: LCS 460-1013773/4-A
Matrix: Water
Analysis Batch: 1013804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1013773

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzo[a]anthracene			2.00	1.53		ug/L		76	56 - 150		
Benzo[a]pyrene			2.00	1.51		ug/L		75	48 - 150		

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

Lab Sample ID: LCS 460-1013773/4-A
Matrix: Water
Analysis Batch: 1013804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1013773

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[b]fluoranthene	2.00	1.74		ug/L		87	39 - 150
Benzo[g,h,i]perylene	2.00	1.41		ug/L		71	13 - 150
Benzo[k]fluoranthene	2.00	1.54		ug/L		77	38 - 150
Dibenz(a,h)anthracene	2.00	1.29		ug/L		65	10 - 150
Indeno[1,2,3-cd]pyrene	2.00	1.73		ug/L		87	10 - 150

Lab Sample ID: LCSD 460-1013773/5-A
Matrix: Water
Analysis Batch: 1013804

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1013773

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	2.00	1.63		ug/L		82	56 - 150	7	30
Benzo[a]pyrene	2.00	1.77		ug/L		88	48 - 150	16	30
Benzo[b]fluoranthene	2.00	2.32		ug/L		116	39 - 150	28	30
Benzo[g,h,i]perylene	2.00	1.71		ug/L		86	13 - 150	19	30
Benzo[k]fluoranthene	2.00	1.95		ug/L		97	38 - 150	24	30
Dibenz(a,h)anthracene	2.00	1.59		ug/L		79	10 - 150	20	30
Indeno[1,2,3-cd]pyrene	2.00	2.09		ug/L		105	10 - 150	19	30

Lab Sample ID: 480-226452-2 MS
Matrix: Water
Analysis Batch: 1013804

Client Sample ID: MW-C12_20241217 MS
Prep Type: Total/NA
Prep Batch: 1013773

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	0.050	U	40.0	45.6		ug/L		114	56 - 150
Benzo[a]pyrene	0.050	U	40.0	48.3		ug/L		121	48 - 150
Benzo[b]fluoranthene	0.050	U	40.0	52.7		ug/L		132	39 - 150
Benzo[g,h,i]perylene	0.050	U	40.0	37.9		ug/L		95	13 - 150
Benzo[k]fluoranthene	0.050	U	40.0	40.6		ug/L		101	38 - 150
Dibenz(a,h)anthracene	0.050	U	40.0	35.3		ug/L		88	10 - 150
Indeno[1,2,3-cd]pyrene	0.050	U	40.0	31.1	E	ug/L		78	10 - 150

Lab Sample ID: 480-226452-2 MSD
Matrix: Water
Analysis Batch: 1013804

Client Sample ID: MW-C12_20241217 MSD
Prep Type: Total/NA
Prep Batch: 1013773

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	45.8		ug/L		115	56 - 150	0	30
Benzo[a]pyrene	0.050	U	40.0	49.0		ug/L		123	48 - 150	1	30
Benzo[b]fluoranthene	0.050	U	40.0	46.7		ug/L		117	39 - 150	12	30
Benzo[g,h,i]perylene	0.050	U	40.0	42.0		ug/L		105	13 - 150	10	30
Benzo[k]fluoranthene	0.050	U	40.0	44.6		ug/L		111	38 - 150	9	30
Dibenz(a,h)anthracene	0.050	U	40.0	39.4		ug/L		99	10 - 150	11	30
Indeno[1,2,3-cd]pyrene	0.050	U	40.0	33.3	E	ug/L		83	10 - 150	7	30

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

Lab Sample ID: MB 460-1013836/1-A
Matrix: Water
Analysis Batch: 1013868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1013836

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		12/24/24 08:14	12/24/24 14:49	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		12/24/24 08:14	12/24/24 14:49	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/24/24 08:14	12/24/24 14:49	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/24/24 08:14	12/24/24 14:49	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/24/24 08:14	12/24/24 14:49	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/24/24 08:14	12/24/24 14:49	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/24/24 08:14	12/24/24 14:49	1

Lab Sample ID: LCS 460-1013836/4-A
Matrix: Water
Analysis Batch: 1013868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1013836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	2.00	1.65		ug/L		82	56 - 150
Benzo[a]pyrene	2.00	1.67		ug/L		83	48 - 150
Benzo[b]fluoranthene	2.00	1.79		ug/L		89	39 - 150
Benzo[g,h,i]perylene	2.00	1.65		ug/L		83	13 - 150
Benzo[k]fluoranthene	2.00	1.65		ug/L		82	38 - 150
Dibenz(a,h)anthracene	2.00	1.48		ug/L		74	10 - 150
Indeno[1,2,3-cd]pyrene	2.00	1.69		ug/L		84	10 - 150

Lab Sample ID: LCSD 460-1013836/5-A
Matrix: Water
Analysis Batch: 1013868

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1013836

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	2.00	1.85		ug/L		92	56 - 150	11	30
Benzo[a]pyrene	2.00	1.78		ug/L		89	48 - 150	7	30
Benzo[b]fluoranthene	2.00	1.83		ug/L		91	39 - 150	2	30
Benzo[g,h,i]perylene	2.00	1.80		ug/L		90	13 - 150	8	30
Benzo[k]fluoranthene	2.00	1.78		ug/L		89	38 - 150	8	30
Dibenz(a,h)anthracene	2.00	1.63		ug/L		82	10 - 150	10	30
Indeno[1,2,3-cd]pyrene	2.00	1.82		ug/L		91	10 - 150	8	30

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

Lab Sample ID: MB 480-736090/47
Matrix: Water
Analysis Batch: 736090

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00960	J	0.010	0.0041	mg/L			12/26/24 19:02	1

Lab Sample ID: MB 480-736090/75
Matrix: Water
Analysis Batch: 736090

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00990	J	0.010	0.0041	mg/L			12/26/24 20:36	1

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

Lab Sample ID: HLCS 480-736090/22
Matrix: Water
Analysis Batch: 736090

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	0.402		mg/L		100	90 - 110

Lab Sample ID: LCS 480-736090/48
Matrix: Water
Analysis Batch: 736090

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 480-736090/76
Matrix: Water
Analysis Batch: 736090

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

Lab Sample ID: 480-226452-2 MS
Matrix: Water
Analysis Batch: 736090

Client Sample ID: MW-C12_20241217 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.018	B	0.100	0.114		mg/L		95	90 - 110

Lab Sample ID: 480-226452-2 MSD
Matrix: Water
Analysis Batch: 736090

Client Sample ID: MW-C12_20241217 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.018	B	0.100	0.115		mg/L		97	90 - 110	1	15

Lab Sample ID: 480-226452-9 MS
Matrix: Water
Analysis Batch: 736090

Client Sample ID: DUP-1_202412
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0084	J B	0.100	0.0983		mg/L		90	90 - 110

Lab Sample ID: MB 480-736301/21
Matrix: Water
Analysis Batch: 736301

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			12/30/24 16:56	1

Lab Sample ID: HLCS 480-736301/22
Matrix: Water
Analysis Batch: 736301

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	0.403		mg/L		101	90 - 110

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

Job ID: 480-226452-1

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

Lab Sample ID: LCS 480-736301/23
Matrix: Water
Analysis Batch: 736301

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	0.251		mg/L		100	90 - 110

GC/MS VOA

Analysis Batch: 735771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226452-1	MW-C11_20241217	Total/NA	Water	8260C	
480-226452-2	MW-C12_20241217	Total/NA	Water	8260C	
480-226452-3	MW-C16_20241217	Total/NA	Water	8260C	
480-226452-4	MW-13S_20241217	Total/NA	Water	8260C	
480-226452-5	MW-22S_20241218	Total/NA	Water	8260C	
480-226452-6	MW-23S_20241217	Total/NA	Water	8260C	
480-226452-8	MW-48S_20241218	Total/NA	Water	8260C	
480-226452-9	DUP-1_202412	Total/NA	Water	8260C	
480-226452-10	TRIP_202412	Total/NA	Water	8260C	
MB 480-735771/8	Method Blank	Total/NA	Water	8260C	
LCS 480-735771/6	Lab Control Sample	Total/NA	Water	8260C	
480-226452-2 MS	MW-C12_20241217 MS	Total/NA	Water	8260C	
480-226452-2 MSD	MW-C12_20241217 MSD	Total/NA	Water	8260C	

Analysis Batch: 735828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226452-7	MW-46S_20241218	Total/NA	Water	8260C	
MB 480-735828/9	Method Blank	Total/NA	Water	8260C	
LCS 480-735828/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-735828/7	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 1013773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226452-1	MW-C11_20241217	Total/NA	Water	3510C	
480-226452-2	MW-C12_20241217	Total/NA	Water	3510C	
480-226452-3	MW-C16_20241217	Total/NA	Water	3510C	
480-226452-4	MW-13S_20241217	Total/NA	Water	3510C	
480-226452-6	MW-23S_20241217	Total/NA	Water	3510C	
MB 460-1013773/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1013773/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-1013773/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1013773/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-1013773/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	
480-226452-2 MS	MW-C12_20241217 MS	Total/NA	Water	3510C	
480-226452-2 MSD	MW-C12_20241217 MSD	Total/NA	Water	3510C	

Analysis Batch: 1013804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226452-1	MW-C11_20241217	Total/NA	Water	8270E SIM	1013773
480-226452-2	MW-C12_20241217	Total/NA	Water	8270E SIM	1013773
480-226452-3	MW-C16_20241217	Total/NA	Water	8270E SIM	1013773
480-226452-4	MW-13S_20241217	Total/NA	Water	8270E SIM	1013773
480-226452-6	MW-23S_20241217	Total/NA	Water	8270E SIM	1013773
MB 460-1013773/1-A	Method Blank	Total/NA	Water	8270E SIM	1013773
LCS 460-1013773/4-A	Lab Control Sample	Total/NA	Water	8270E SIM	1013773
LCSD 460-1013773/5-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	1013773
480-226452-2 MS	MW-C12_20241217 MS	Total/NA	Water	8270E SIM	1013773
480-226452-2 MSD	MW-C12_20241217 MSD	Total/NA	Water	8270E SIM	1013773

GC/MS Semi VOA

Analysis Batch: 1013823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226452-1	MW-C11_20241217	Total/NA	Water	8270E	1013773
480-226452-2	MW-C12_20241217	Total/NA	Water	8270E	1013773
480-226452-3	MW-C16_20241217	Total/NA	Water	8270E	1013773
480-226452-4	MW-13S_20241217	Total/NA	Water	8270E	1013773
480-226452-6	MW-23S_20241217	Total/NA	Water	8270E	1013773
MB 460-1013773/1-A	Method Blank	Total/NA	Water	8270E	1013773
LCS 460-1013773/2-A	Lab Control Sample	Total/NA	Water	8270E	1013773
LCSD 460-1013773/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1013773
480-226452-2 MS	MW-C12_20241217 MS	Total/NA	Water	8270E	1013773
480-226452-2 MSD	MW-C12_20241217 MSD	Total/NA	Water	8270E	1013773

Prep Batch: 1013836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226452-5	MW-22S_20241218	Total/NA	Water	3510C	
480-226452-7	MW-46S_20241218	Total/NA	Water	3510C	
480-226452-7 - DL	MW-46S_20241218	Total/NA	Water	3510C	
480-226452-8	MW-48S_20241218	Total/NA	Water	3510C	
480-226452-9	DUP-1_202412	Total/NA	Water	3510C	
MB 460-1013836/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1013836/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-1013836/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1013836/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-1013836/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1013857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1013836/1-A	Method Blank	Total/NA	Water	8270E	1013836
LCS 460-1013836/2-A	Lab Control Sample	Total/NA	Water	8270E	1013836
LCSD 460-1013836/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1013836

Analysis Batch: 1013868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226452-5	MW-22S_20241218	Total/NA	Water	8270E SIM	1013836
480-226452-7	MW-46S_20241218	Total/NA	Water	8270E SIM	1013836
480-226452-8	MW-48S_20241218	Total/NA	Water	8270E SIM	1013836
480-226452-9	DUP-1_202412	Total/NA	Water	8270E SIM	1013836
MB 460-1013836/1-A	Method Blank	Total/NA	Water	8270E SIM	1013836
LCS 460-1013836/4-A	Lab Control Sample	Total/NA	Water	8270E SIM	1013836
LCSD 460-1013836/5-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	1013836

Analysis Batch: 1013946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226452-5	MW-22S_20241218	Total/NA	Water	8270E	1013836
480-226452-7	MW-46S_20241218	Total/NA	Water	8270E	1013836
480-226452-7 - DL	MW-46S_20241218	Total/NA	Water	8270E	1013836
480-226452-8	MW-48S_20241218	Total/NA	Water	8270E	1013836
480-226452-9	DUP-1_202412	Total/NA	Water	8270E	1013836

General Chemistry

Analysis Batch: 736090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226452-1	MW-C11_20241217	Total/NA	Water	9012B	
480-226452-2	MW-C12_20241217	Total/NA	Water	9012B	
480-226452-3	MW-C16_20241217	Total/NA	Water	9012B	
480-226452-4	MW-13S_20241217	Total/NA	Water	9012B	
480-226452-6	MW-23S_20241217	Total/NA	Water	9012B	
480-226452-7	MW-46S_20241218	Total/NA	Water	9012B	
480-226452-8	MW-48S_20241218	Total/NA	Water	9012B	
480-226452-9	DUP-1_202412	Total/NA	Water	9012B	
MB 480-736090/47	Method Blank	Total/NA	Water	9012B	
MB 480-736090/75	Method Blank	Total/NA	Water	9012B	
HLCS 480-736090/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-736090/48	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-736090/76	Lab Control Sample	Total/NA	Water	9012B	
480-226452-2 MS	MW-C12_20241217 MS	Total/NA	Water	9012B	
480-226452-2 MSD	MW-C12_20241217 MSD	Total/NA	Water	9012B	
480-226452-9 MS	DUP-1_202412	Total/NA	Water	9012B	

Analysis Batch: 736301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226452-5	MW-22S_20241218	Total/NA	Water	9012B	
MB 480-736301/21	Method Blank	Total/NA	Water	9012B	
HLCS 480-736301/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-736301/23	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: 480-226452-1

Client Sample ID: MW-C11_20241217
Date Collected: 12/17/24 12:05
Date Received: 12/19/24 10:00

Lab Sample ID: 480-226452-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	735771	ERS	EET BUF	12/20/24 04:52
Total/NA	Prep	3510C			1013773	ARA	EET EDI	12/23/24 18:41
Total/NA	Analysis	8270E		1	1013823	MDJ	EET EDI	12/24/24 11:01
Total/NA	Prep	3510C			1013773	ARA	EET EDI	12/23/24 18:41
Total/NA	Analysis	8270E SIM		1	1013804	MDJ	EET EDI	12/24/24 09:52
Total/NA	Analysis	9012B		1	736090	GW	EET BUF	12/26/24 19:58

Client Sample ID: MW-C12_20241217
Date Collected: 12/17/24 13:00
Date Received: 12/19/24 10:00

Lab Sample ID: 480-226452-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	735771	ERS	EET BUF	12/20/24 05:17
Total/NA	Prep	3510C			1013773	ARA	EET EDI	12/23/24 18:41
Total/NA	Analysis	8270E		1	1013823	MDJ	EET EDI	12/24/24 11:22
Total/NA	Prep	3510C			1013773	ARA	EET EDI	12/23/24 18:41
Total/NA	Analysis	8270E SIM		1	1013804	MDJ	EET EDI	12/24/24 10:35
Total/NA	Analysis	9012B		1	736090	GW	EET BUF	12/26/24 19:49

Client Sample ID: MW-C16_20241217
Date Collected: 12/17/24 10:40
Date Received: 12/19/24 10:00

Lab Sample ID: 480-226452-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	735771	ERS	EET BUF	12/20/24 05:42
Total/NA	Prep	3510C			1013773	ARA	EET EDI	12/23/24 18:41
Total/NA	Analysis	8270E		1	1013823	MDJ	EET EDI	12/24/24 12:26
Total/NA	Prep	3510C			1013773	ARA	EET EDI	12/23/24 18:41
Total/NA	Analysis	8270E SIM		1	1013804	MDJ	EET EDI	12/24/24 11:38
Total/NA	Analysis	9012B		1	736090	GW	EET BUF	12/26/24 20:01

Client Sample ID: MW-13S_20241217
Date Collected: 12/17/24 14:35
Date Received: 12/19/24 10:00

Lab Sample ID: 480-226452-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	735771	ERS	EET BUF	12/20/24 06:06
Total/NA	Prep	3510C			1013773	ARA	EET EDI	12/23/24 18:41
Total/NA	Analysis	8270E		1	1013823	MDJ	EET EDI	12/24/24 12:47
Total/NA	Prep	3510C			1013773	ARA	EET EDI	12/23/24 18:41
Total/NA	Analysis	8270E SIM		1	1013804	MDJ	EET EDI	12/24/24 12:00
Total/NA	Analysis	9012B		1	736090	GW	EET BUF	12/26/24 20:05

Lab Chronicle

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

Job ID: 480-226452-1

Client Sample ID: MW-22S_20241218

Lab Sample ID: 480-226452-5

Date Collected: 12/18/24 09:55

Matrix: Water

Date Received: 12/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	735771	ERS	EET BUF	12/20/24 06:31
Total/NA	Prep	3510C			1013836	NMP	EET EDI	12/24/24 08:14
Total/NA	Analysis	8270E		1	1013946	MDJ	EET EDI	12/26/24 13:01
Total/NA	Prep	3510C			1013836	NMP	EET EDI	12/24/24 08:14
Total/NA	Analysis	8270E SIM		1	1013868	MDJ	EET EDI	12/24/24 18:16
Total/NA	Analysis	9012B		2	736301	GW	EET BUF	12/30/24 17:19

Client Sample ID: MW-23S_20241217

Lab Sample ID: 480-226452-6

Date Collected: 12/17/24 15:40

Matrix: Water

Date Received: 12/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	735771	ERS	EET BUF	12/20/24 06:55
Total/NA	Prep	3510C			1013773	ARA	EET EDI	12/23/24 18:41
Total/NA	Analysis	8270E		1	1013823	MDJ	EET EDI	12/24/24 13:08
Total/NA	Prep	3510C			1013773	ARA	EET EDI	12/23/24 18:41
Total/NA	Analysis	8270E SIM		1	1013804	MDJ	EET EDI	12/24/24 12:21
Total/NA	Analysis	9012B		1	736090	GW	EET BUF	12/26/24 20:11

Client Sample ID: MW-46S_20241218

Lab Sample ID: 480-226452-7

Date Collected: 12/18/24 12:55

Matrix: Water

Date Received: 12/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	735828	ZN	EET BUF	12/20/24 16:49
Total/NA	Prep	3510C			1013836	NMP	EET EDI	12/24/24 08:14
Total/NA	Analysis	8270E		1	1013946	MDJ	EET EDI	12/26/24 13:22
Total/NA	Prep	3510C	DL		1013836	NMP	EET EDI	12/24/24 08:14
Total/NA	Analysis	8270E	DL	5	1013946	MDJ	EET EDI	12/26/24 16:10
Total/NA	Prep	3510C			1013836	NMP	EET EDI	12/24/24 08:14
Total/NA	Analysis	8270E SIM		1	1013868	MDJ	EET EDI	12/24/24 18:37
Total/NA	Analysis	9012B		1	736090	GW	EET BUF	12/26/24 20:14

Client Sample ID: MW-48S_20241218

Lab Sample ID: 480-226452-8

Date Collected: 12/18/24 10:55

Matrix: Water

Date Received: 12/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	735771	ERS	EET BUF	12/20/24 07:45
Total/NA	Prep	3510C			1013836	NMP	EET EDI	12/24/24 08:14
Total/NA	Analysis	8270E		1	1013946	MDJ	EET EDI	12/26/24 13:43
Total/NA	Prep	3510C			1013836	NMP	EET EDI	12/24/24 08:14
Total/NA	Analysis	8270E SIM		1	1013868	MDJ	EET EDI	12/24/24 18:58
Total/NA	Analysis	9012B		1	736090	GW	EET BUF	12/26/24 20:17

Lab Chronicle

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

Job ID: 480-226452-1

Client Sample ID: DUP-1_202412

Lab Sample ID: 480-226452-9

Date Collected: 12/18/24 00:00

Matrix: Water

Date Received: 12/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	735771	ERS	EET BUF	12/20/24 08:10
Total/NA	Prep	3510C			1013836	NMP	EET EDI	12/24/24 08:14
Total/NA	Analysis	8270E		1	1013946	MDJ	EET EDI	12/26/24 14:04
Total/NA	Prep	3510C			1013836	NMP	EET EDI	12/24/24 08:14
Total/NA	Analysis	8270E SIM		1	1013868	MDJ	EET EDI	12/24/24 19:19
Total/NA	Analysis	9012B		1	736090	GW	EET BUF	12/26/24 20:41

Client Sample ID: TRIP_202412

Lab Sample ID: 480-226452-10

Date Collected: 12/18/24 00:00

Matrix: Water

Date Received: 12/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	735771	ERS	EET BUF	12/20/24 08:34

Laboratory References:

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

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

Accreditation/Certification Summary

Client: D&B Engineers and Architects, P.C.
Job ID: 480-226452-1
Project/Site: NYSEG - Court Street OMM

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	03-31-25

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	04-01-25

Method Summary

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

Job ID: 480-226452-1

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: 480-226452-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-226452-1	MW-C11_20241217	Water	12/17/24 12:05	12/19/24 10:00
480-226452-2	MW-C12_20241217	Water	12/17/24 13:00	12/19/24 10:00
480-226452-3	MW-C16_20241217	Water	12/17/24 10:40	12/19/24 10:00
480-226452-4	MW-13S_20241217	Water	12/17/24 14:35	12/19/24 10:00
480-226452-5	MW-22S_20241218	Water	12/18/24 09:55	12/19/24 10:00
480-226452-6	MW-23S_20241217	Water	12/17/24 15:40	12/19/24 10:00
480-226452-7	MW-46S_20241218	Water	12/18/24 12:55	12/19/24 10:00
480-226452-8	MW-48S_20241218	Water	12/18/24 10:55	12/19/24 10:00
480-226452-9	DUP-1_202412	Water	12/18/24 00:00	12/19/24 10:00
480-226452-10	TRIP_202412	Water	12/18/24 00:00	12/19/24 10:00

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

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: Gunther Schnorr	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-201437-39287.1
Client Contact: Mr. Gunther Schnorr	Phone: 315.558.1590	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: D&B Engineers and Architects, P.C.	PWSID:			Job #: 5811
Address: 5879 Fisher Road PO BOX 56	Due Date Requested: Standard			Preservation Codes: N - None; A - HCL; B - NaOH
City: East Syracuse	TAT Requested (days): Standard TAT			
State, Zip: NY, 13057	Compliance Project: Δ Yes X No			
Phone: 315-437-1142(Tel)	PO #: 5811			
Email: gschnorr@db-eng.com	WO #:			
Project Name: NYSEG - Court Street OMM	Project #: 48026495			
Site:	SSOW#:			

480-226452 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E, 8270E_SIM	8260C - BTEX	9012B - Cyanide	Total Nu	Special Instructions/Note:
Preservation Code:							N	A	B		
MW-C11_20241217	12/17/24	1205	G	Water	N	N	X	X	X	6	
MW-C12_20241217	12/17/24	1300		Water		Y				18	MS/MSD
MW-C16_20241217	12/17/24	1040		Water		N				6	
MW-135_20241217	12/17/24	1435		Water						6	
MW-225_20241218	12/18/24	0955		Water						6	
MW-235_20241217	12/17/24	1540		Water						6	
MW-465_20241218	12/18/24	1255		Water						6	
MW-485_20241218	12/18/24	1055		Water						6	
DUP-1_202412	12/2024	0000		Water						6	
TRP_202412	12/2024	0000		Water						6	2 (one trip blank was Bottom)
				Water						3	Lab Supplied

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

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

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

Special Instructions/QC Requirements: 8270 & 8270 SIM (for select Analytes)

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

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	12/18/24 15:40	D&B	[signature]	12/18/24 1340	ES-SYR
2	[signature]	12-18-24, 1900	D&B	[signature]	12/19/24 1000	TAB
3						

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

Cooler Temperature(s) °C and Other Remarks: 2.0, 2.5 IR #SC

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

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Schove, John R	Carrier Tracking No(s): N/A	COC No: 480-91054.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP New York		Job #: 480-226452-1
Address: 777 New Durham Road,	Due Date Requested: 1/6/2025			Preservation Codes:
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: NYSEG - Court Street OMM	Project #: 48026495			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3510C_LVI PAHs	8270E_SIM/3510C_LVI PAH SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-C11_20241217 (480-226452-1)	12/17/24	12:05 Eastern	G	Water			X	X	2	
MW-C12_20241217 (480-226452-2)	12/17/24	13:00 Eastern	G	Water			X	X	2	
MW-C12_20241217 MS (480-226452-2MS)	12/17/24	13:00 Eastern	G	Water			X	X	2	
MW-C12_20241217 MSD (480-226452-2MSD)	12/17/24	13:00 Eastern	G	Water			X	X	2	
MW-C16_20241217 (480-226452-3)	12/17/24	10:40 Eastern	G	Water			X	X	2	
MW-13S_20241217 (480-226452-4)	12/17/24	14:35 Eastern	G	Water			X	X	2	
MW-22S_20241218 (480-226452-5)	12/18/24	09:55 Eastern	G	Water			X	X	2	
MW-23S_20241217 (480-226452-6)	12/17/24	15:40 Eastern	G	Water			X	X	2	
MW-46S_20241218 (480-226452-7)	12/18/24	12:55 Eastern	G	Water			X	X	2	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 12-19-24 1600	Company	Received by: via FedEx
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No. 26633886	Cooler Temperature(s) °C and Other Remarks: 2.4/2.6°C IR9

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Schove, John R	Carrier Tracking No(s): N/A	COC No: 480-91054.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New York		Job #: 480-226452-1
Address: 777 New Durham Road,	Due Date Requested: 1/6/2025			
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: NYSEG - Court Street OMM	Project #: 48026495			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3510C_LVI PAHs	8270E_SIM/3510C_LVI PAH SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-48S_20241218 (480-226452-8)	12/18/24	10:55 Eastern	G	Water			X	X	2	
DUP-1_202412 (480-226452-9)	12/18/24	Eastern	G	Water			X	X	2	

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1				Vi Fedex	12/20/24 1300	Eurofins
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver 10/10/2024

Login Sample Receipt Checklist

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

Job Number: 480-226452-1

Login Number: 226452
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
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: 480-226452-1

Login Number: 226452
List Number: 2
Creator: Armbruster, Chris

List Source: Eurofins Edison
List Creation: 12/20/24 02:02 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	2663388
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.4/2.6°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT C

Data Usability Summary Report

DUSR

The December 2024 sampling event for Ithaca Court Street Site included the collection of 8 groundwater, one field duplicated and one trip blank. The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by method 8260C; semi volatile organic compounds (SVOCs) by methods 8270E and 8270E SIM; and cyanide by method 9014. Laboratory analyses were performed by Eurofins Environment Testing, Amherst, NY. All analyses were performed in accordance with United States Environmental Protection Agency (USEPA) SW-846.

The data package, 480-226452, 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 blanks. Cyanide was qualified as non-detect (UB) in all samples except for MW-22S.

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

D&B ENGINEERS AND ARCHITECTS

DATA VALIDATION CHECKLIST

Project Name:	Ithaca Court Street
Project Number:	5811-03B
Sample Date(s):	December 17 &18, 2024
Sample Team:	Gunther Schnorr
Matrix/Number of Samples:	Water/ 8 Field Duplicates/ 1 Trip Blanks / 1 Field Blanks/ 0
Analyzing Laboratory:	Eurofins Environment Testing, Amherst, NY
Analyses:	Volatile Organic Compounds (VOCs): BTEX by SW846 8260C Semi Volatile Organic Compounds (SVOCs): by SW846 8270E and 8270E SIM General Chemistry: Cyanide (USEPA 9014)
Laboratory Report No:	480-226452 Date: 12/31/2024

ANALYTICAL DATA PACKLAGE DOCUMENTATION GENERAL INFORMATION

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

QA - quality assurance

Comments:

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

D&B ENGINEERS AND ARCHITECTS

Custody Numbers:480-226452
SAMPLE AND ANALYSIS LIST

Sample ID	Lab ID	Sample Collection Date	Parent Sample	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-C11	480-226452-1	12/17/2024		X	X			X
MW-C12	480-226452-2	12/17/2024		X	X			X
MW-C16	480-226452-3	12/17/2024		X	X			X
MW-13S	480-226452-4	12/17/2024		X	X			X
MW-22S	480-226452-5	12/18/2024		X	X			X
MW-23S	480-226452-6	12/17/2024		X	X			X
MW-46S	480-226452-7	12/18/2024		X	X			X
MW-48S	480-226452-8	12/18/2024		X	X			X
DUP-1	480-226452-9	12/18/2024	MW-48S	X	X			X
TRIP BLANK	480-226452-10	12/18/2024		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) & 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	

VOCs - 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.

ORGANIC ANALYSES
SVOCS

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

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

Comments:
Performance was acceptable, except the following:

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

INORGANIC ANALYSES
GENERAL CHEMISTRY

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

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

Comments:
Performance was acceptable, except the following:

2A. Cyanide was detected in the method blanks. Cyanide was qualified as non-detect (UB) in all samples except for MW-22S.

D&B ENGINEERS AND ARCHITECTS

DATA VALIDATION AND QUALIFICATION SUMMARY

Laboratory Numbers: 480-226452

Sample ID	Analyte(s)	Qualifier	Reason(s)
VOCs			
No qualification of the data was necessary.			
SVOCs			
MW-46S	Naphthalene	D	Exceeded the calibration range in the original analysis and was analyzed at a secondary dilution
General Chemistry			
All samples except for MW-22S	Cyanide	UB	Detected in the method blanks.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 1/9/2025
VALIDATION PERFORMED BY SIGNATURE: