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Date: October 31, 2025
Our Ref: 30270811
Subject: **Second Quarter 2025 Groundwater Monitoring Report**
New York State Electric & Gas Corporation
Clyde Former Manufactured Gas Plant, Clyde, New York
NYSDEC Site No. 859019

Dear Mr. Garland,

On behalf of New York State Electric & Gas Corporation (NYSEG), this letter summarizes activities completed during the second quarter of 2025 (Q2) for the Clyde former manufactured gas plant (MGP) site located in the Village of Clyde, Wayne County, New York (New York State Department of Environmental Conservation [NYSDEC] Site No. 859019) (Figure 1).

Arcadis of New York, Inc. (Arcadis) conducted the Q2 monitoring event on May 22, 2025, in accordance with the Site Management Plan (SMP)¹ (pending NYSDEC approval). This quarterly report summarizes activities conducted from April 1, 2025, to June 30, 2025, and includes data from the May 22, 2025 monitoring event.

Relevant background information is presented in the following section, followed by a summary of the Q2 monitoring and operation and maintenance activities.

Background

The former Clyde MGP was built in 1856 and operated, primarily by the Clyde Gas and Light Company, as a coal gas plant until it was decommissioned in 1908. Above-grade structures associated with the MGP were removed between 1907 and 1918. NYSEG purchased the parcel in 1936 and, from the late 1950s until the early 1960s, used an on-site building as a transformer house until it was demolished in the late 1960s. The current electrical substation was built in the early 1970s, during which time below-grade foundations for several of the former MGP structures were removed. Prior to remediation in 2021, the foundations for the MGP Building and the Gas Holder were still present in the subsurface. Key historical features of the MGP and surrounding area are shown on Figure 2.

The former MGP site is located along the west side of Sodus Street (approximately 16 Sodus Street) in the central business district of the Village of Clyde. The site primarily consists of two parcels that are owned by NYSEG, herein referred to as the western and eastern parcels.

The western parcel of the NYSEG property contains the Clyde Electrical Substation, which is surrounded by a perimeter fence that limits access to NYSEG employees only, and the ground surface is covered by gravel inside and around the substation. The eastern parcel of the NYSEG property is primarily maintained grass, except for the gravel access driveway along the northern side of the property that provided access to the property and

¹ GEI Consultants, Inc. 2022. *Site Management Plan*, Clyde Former Manufactured Gas Plant Site, Wayne County, Clyde, New York. October.

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substation from Sodus Street. Commercial properties, which are mainly vacant and overgrown with brush and trees, are located north of the site, and the Village of Clyde Museum and a bottle and can redemption business are located east of the site. An active railroad corridor, operated by CSX Transportation, Inc., is located south of the site, and the New York State Barge Canal is located south of the railroad corridor. The Village of Clyde owns the parcel west of the site, which is vacant and covered by weeds, brush, and small trees.

Historical site investigations and details about the remedy completed in 2021 are summarized in the SMP.¹ The primary groundwater constituents of concern at the site are benzene, toluene, ethylbenzene, and xylenes (BTEX) and naphthalene.²

Second Quarter 2025 Monitoring and Sampling

As presented in the SMP,¹ groundwater remedy objectives for the Q2 monitoring period are to:

- assess site groundwater movement patterns; and
- collect and analyze site groundwater samples quarterly to document dissolved BTEX, polycyclic aromatic hydrocarbons (PAHs), total cyanide, and target analyte list metals concentrations.

To document achieving the objectives, this report presents:

- site-wide data collected during the monitoring period, including groundwater analytical data and groundwater elevation data; and
- conclusions and monitoring modification recommendations, as appropriate.

Groundwater Gauging Activities and Results

During the Q2 monitoring event, field personnel measured depth to groundwater, depth to non-aqueous phase liquid, and depth to bottom from surveyed measuring points at the following monitoring wells (shown on Figure 2):

- MWBH1, MW1D, MW1S, MW3, MW4, MW6B, MW8, MW9, MW9B, MW11, MW11B, MW12, MW13, MW14, and MW15.

Gauging results, including calculated groundwater elevations and sediment thickness during this reporting period, are summarized in Table 1.

Groundwater Elevation and Flow

The shallow groundwater contour map for the Q2 gauging event is presented on Figure 3. As shown on the figure, the groundwater flow direction was generally to the south.

Non-Aqueous Phase Liquid Monitoring

Non-aqueous phase liquid was not observed in the monitoring wells gauged during the reporting period.

Well Depth Monitoring

The calculated sediment thickness in each monitoring well is summarized in Table 1. Accumulated sediment measured greater than 1 foot at the following locations: MWBH1 (2.51 feet), MW1S (3.77 feet), and MW8 (1.88 feet).

² NYSDEC. 2024. *Record of Decision*, NYSEG-Clyde MPG, Clyde, Wayne County, Site No. 859019. February. 2014.

Groundwater Sampling Activities and Results

Groundwater sampling activities and associated analytical results from the Q2 monitoring event are summarized below.

Groundwater Sampling Activities

Arcadis field personnel collected groundwater samples from four monitoring wells, MW4, MW12, MW14, and MW-15, on May 22, 2025, using low-flow groundwater purging and sampling techniques. Groundwater samples and appropriate quality assurance/quality control samples, to facilitate data validation, were submitted to Eurofins Laboratories, located in Amherst, New York, for the following analysis:

- BTEX using United States Environmental Protection Agency (USEPA) SW-846 Method 8260;
- PAHs using USEPA SW-846 Method 8270;
- Total cyanide using USEPA SW-846 Method 9012; and
- Target analyte list metals using USEPA SW-846 Method 6010.

Groundwater sampling logs are provided as Attachment 1.

Groundwater Quality

Arcadis reviewed and validated the laboratory analytical data and prepared Data Usability Summary Reports (DUSRs). The data review indicated that overall laboratory performance was acceptable, and the overall data quality was within the guidelines specified in the respective methods. Instances where laboratory performance was not acceptable (if any) are detailed in the DUSRs, and the data has been appropriately qualified. Laboratory reports are included as Attachment 2, and the DUSRs are included as Attachment 3.

The analytical results are presented in Table 2 and are compared to the NYSDEC's Division of Water Technical and Operational Guidance Series 1.1.1: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations Class GA³ (Class GA) groundwater quality standards or guidance values.

The BTEX, PAHs, total cyanide, and metals analytical results for groundwater samples collected from monitoring wells MW4, MW12, MW14, and MW15 during the reporting period are summarized below.

- BTEX:
 - BTEX was not detected.
- PAHs:
 - PAH concentrations did not exceed Class GA³ groundwater quality standards or guidance values.
 - Acenaphthene (0.83 micrograms per liter [$\mu\text{g/L}$]), fluoranthene (1.1 $\mu\text{g/L}$), fluorene (0.53 $\mu\text{g/L}$), and pyrene (1.4 $\mu\text{g/L}$) were detected in the groundwater sample collected from MW4 at concentrations less than their respective Class GA³ groundwater quality standards or guidance values.
- Total cyanide:
 - Total cyanide was not detected.

³ NYSDEC. 1998. Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. October 22, 1993, reissued June 1998.

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- Metals:
 - Iron (22.8 milligrams per liter [mg/L]), manganese (0.92 mg/L), and sodium (36.2 mg/L) were detected in the groundwater sample collected from MW4 at concentrations exceeding their respective Class GA³ groundwater quality standards or guidance values.
 - Iron (10.7 mg/L) and sodium (121 mg/L) were detected in the groundwater sample collected from MW12 at concentrations exceeding their respective Class GA³ groundwater quality standards or guidance values.
 - Iron (0.76 mg/L) and manganese (0.56 mg/L) were detected in the groundwater sample collected from MW14 at concentrations exceeding their respective Class GA³ groundwater quality standards or guidance values.
 - Iron (11.7 mg/L), manganese (0.63 mg/L), and sodium (25.8 mg/L) were detected in the groundwater sample collected from MW15 at concentrations exceeding their respective Class GA³ groundwater quality standards or guidance values.

Concentrations of groundwater constituents of concern listed in the Record of Decision² were not detected.

Waste Management

Arcadis containerized and staged investigation-derived waste generated during the groundwater sampling and well installation activities in appropriately labeled, New York State Department of Transportation-approved, 55-gallon drums. The drums of investigation-derived waste were staged in the on-site drum locker and will be subsequently transported off site for treatment/disposal by NYSEG's waste disposal vendor.

Conclusions and Recommendations

The Q2 monitoring results represent the second groundwater sampling event since completing the remedy in 2021. Based on the Q2 monitoring results:

- The groundwater flow direction is to the south toward the New York State Barge Canal.
- Concentrations of groundwater constituents of concern listed in the Record of Decision² were not detected.

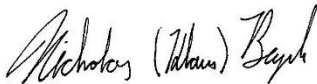
Based on data from this monitoring period, the following are recommended:

- Remove sediment from monitoring wells MWBH1, MW-1S, and MW-8 using a pump or weighted bailer.

Quarterly monitoring and reporting will continue to be completed as required by the SMP.¹ The next groundwater sampling event is scheduled for August 2025. Groundwater samples will continue to be analyzed for BTEX, PAHs, total cyanide, and target analyte list metals as required by the SMP.¹

Please contact John Ruspantini of NYSEG at 607.725.3801 or jjruspantini@nyseg.com with any questions or comments.

Sincerely,
Arcadis of New York, Inc.



Nicholas Beyrle
Principal Geologist

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CC. John Ruspantini, CHMM, NYSEG
Mark Gravelding, PE, Arcadis

Enclosures:

Table 1 – Gauging Data

Table 2 – Groundwater Analytical Results

Figure 1 – Site Location Map

Figure 2 – Site Layout

Figure 3 – Shallow Groundwater Contour Map – May 22, 2025

Attachment 1 – Groundwater Sampling Logs

Attachment 2 – Groundwater Laboratory Reports

Attachment 3 – Data Usability Summary Reports

Tables

Table 1
Gauging Data
Second Quarter 2025 Groundwater Monitoring Report
New York State Electric & Gas Corporation
Clyde Former Manufactured Gas Plant
Clyde, New York

Well ID	Measuring Point Elevation	Installed Depth to Bottom (feet TOC)	Screen Interval Elevation	Date	Depth to Water (feet TOC)	Groundwater Elevation	Depth to Product (feet TOC)	Depth to Bottom (feet TOC)	Accumulated Sediment Thickness (feet)
MWBH1	393.21	27.66	373.2-368.2	February 24, 2025	Could not locate				
				March 12, 2025	3.70	389.51	-	25.18	2.53
				May 22, 2025	2.84	390.37	-	25.15	2.51
MW1D	390.64	19.92	377.6-382.6	February 24, 2025	0.95	389.69	-	19.45	0.39
				March 12, 2025	-	-	-	-	-
				May 22, 2025	0.10	390.54	-	19.45	0.47
MW1S	390.86	9.66	387.8-382.8	February 24, 2025	0.20	390.66	-	6.09	3.57
				March 12, 2025	-	-	-	-	-
				May 22, 2025	0.55	390.31	-	5.89	3.77
MW3	392.36	12.96	385.9-380.9	February 24, 2025	3.44	388.92	-	12.78	0.18
				March 12, 2025	-	-	-	-	-
				May 22, 2025	2.37	389.99	-	12.79	0.17
MW4	391.25	12.95	384.8-379.3	February 24, 2025	3.76	387.49	-	14.00	-1.05
				March 12, 2025	-	-	-	-	-
				May 22, 2025	2.43	388.82	-	13.98	-1.03
MW6B	392.67	42.57	362.1-352.1	February 24, 2025	8.93	383.74	-	42.60	-0.03
				March 12, 2025	-	-	-	-	-
				May 22, 2025	9.20	383.47	-	42.61	-0.04
MW8	392.98	24.68	390.3-376.3	February 24, 2025	3.39	389.59	-	22.81	1.87
				March 12, 2025	-	-	-	-	-
				May 22, 2025	2.90	390.08	-	22.80	1.88
MW9	394.62	17.62	389.0-379.0	February 24, 2025	5.27	389.35	-	17.59	0.03
				March 12, 2025	-	-	-	-	-
				May 22, 2025	4.57	390.05	-	17.63	-0.01
MW9B	394.58	35.68	370.9-360.9	February 24, 2025	11.33	383.25	-	35.60	0.08
				March 12, 2025	-	-	-	-	-
				May 22, 2025	7.37	387.21	-	35.61	0.07
MW11	393.98	24.58	386.7-371.7	February 24, 2025	5.40	388.58	-	24.27	0.31
				March 12, 2025	-	-	-	-	-
				May 22, 2025	4.18	389.80	-	24.27	0.31
MW11B	393.33	40.19	365.5-355.5	February 24, 2025	Could not locate				
				March 12, 2025	-	-	-	-	-
				May 22, 2025	4.76	388.57	-	39.93	0.26

See Notes on Page 2.

Table 1
Gauging Data
Second Quarter 2025 Groundwater Monitoring Report
New York State Electric & Gas Corporation
Clyde Former Manufactured Gas Plant
Clyde, New York

Well ID	Measuring Point Elevation	Installed Depth to Bottom (feet TOC)	Screen Interval Elevation	Date	Depth to Water (feet TOC)	Groundwater Elevation	Depth to Product (feet TOC)	Depth to Bottom (feet TOC)	Accumulated Sediment Thickness (feet)
MW12	392.46	16.31	388.8-378.8	February 24, 2025	Could not locate				
				March 12, 2025	0.97	391.49	-	15.75	-0.09
				May 22, 2025	2.42	390.04	-	16.29	0.02
MW13	392.79	18.47	387.1-377.1	February 24, 2025	Could not locate				
				March 12, 2025	1.62	391.17	-	17.65	0.04
				May 22, 2025	2.78	390.01	-	18.18	0.29
MW14	393.48	13.85	390.3-380.3	March 12, 2025	-	-	-	-	-
				May 22, 2025	2.85	390.63	-	13.84	0.01
MW15	392.95	13.81	389.2-379.2	March 12, 2025	-	-	-	-	-
				May 22, 2025	3.05	389.90	-	13.79	0.02

Notes:

- Elevations in feet referenced to the 1988 North American Vertical Datum.
- MW-14 and MW-15 were installed by Arcadis on March 12, 2025 and surveyed on May 15, 2025. All other monitoring wells were installed by GEI.
- Installation depths for MWBH1, MW1D, MW1S, MW3, MW4, MW6B, MW8, MW9, MW9B, MW11, MW11B, MW12, and MW13 were calculated based on well installation information provided by GEI in the Site Management Plan (GEI 2022) table titled "Monitoring Well Details and Groundwater Elevation Measurements." Note that well installation details in the aforementioned SMP table do not match the respective well installation logs in Appendix D of the SMP for MW-1D, MW-3, and MW-8.
- Measuring point elevations and installed depth to bottom measurements for MW-BH1, MW-1D, MW-11B, MW-12, and MW-13 updated based on May 15, 2025 survey following respective well repairs.

Acronyms and Abbreviations:

"-" - measurement not taken or not available
 TOC - top of casing
 GEI - GEI Consultants, Inc.

Reference:

GEI Consultants, Inc. 2022. *Site Management Plan*, Clyde Former Manufactured Gas Plant Site, Wayne County, Clyde, New York. October.

Table 2
Groundwater Analytical Results
Second Quarter 2025 Groundwater Monitoring Report
New York State Electric & Gas Corporation
Clyde Former Manufactured Gas Plant
Clyde, New York

Location ID:	NYSDEC TOGS 1.1.1 Standards or Guidance Values	Units	MW4		MW12		MW14	MW15
			02/25/25	05/22/25	03/14/25	05/22/25	05/22/25	05/22/25
BTEX								
Benzene	1	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	5	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total BTEX	--	µg/L	ND	ND	ND	ND	ND	ND
PAHs								
Acenaphthene	20	µg/L	0.54 J	0.83 J	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	--	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	50	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	0.002	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	--	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	0.002	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	--	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	0.002	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chrysene	0.002	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzo(a,h)anthracene	--	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	50	µg/L	0.90 J	1.1 J	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	50	µg/L	0.40 J	0.53 J	5.0 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	0.002	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	10	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenanthrene	50	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	50	µg/L	1.3 J	1.4 J	5.0 U	5.0 U	5.0 U	5.0 U
Total PAHs	--	µg/L	3.14 J	3.86 J	ND	ND	ND	ND
Inorganics								
Aluminum	--	mg/L	0.20 U	0.20 U	0.20 U	0.20 U	0.71	0.083 J
Antimony	0.003	mg/L	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Arsenic	0.025	mg/L	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
Barium	1	mg/L	0.24	0.23	0.10 J	0.26	0.035	0.15
Beryllium	0.003	mg/L	0.0020 U	0.0020 UJ	0.0020 UJ	0.0020 UJ	0.0020 UJ	0.0020 UJ
Cadmium	0.005	mg/L	0.0020 U	0.0020 U	0.0020 UJ	0.0020 U	0.0020 U	0.0020 U
Calcium	--	mg/L	197	165	142	164	85.9	151
Chromium	0.05	mg/L	0.0040 U	0.0040 U	0.0040 U	0.0040 U	0.0015 J	0.0040 U
Cobalt		mg/L	0.0040 U	0.0040 U	0.0040 UJ	0.0040 U	0.0040 U	0.0040 U
Copper	0.2	mg/L	0.010 U	0.010 U	0.0017 J	0.010 U	0.0022 J	0.010 U
Iron	0.3	mg/L	25.3	22.8	0.44 J	10.7	0.76	11.7
Lead	0.025	mg/L	0.0033 J	0.010 U	0.010 UJ	0.010 UJ	0.010 U	0.010 U
Magnesium	35	mg/L	30.9	31.2	22.3	32.9	22.6	26.4
Manganese	0.3	mg/L	1.0	0.92	0.16	1.4	0.56	0.63
Nickel	0.1	mg/L	0.010 U	0.010 UJ	0.010 UBJ	0.010 UJ	0.010 UJ	0.010 UJ
Potassium	--	mg/L	6.9	6.6	4.7 J	11.6	2.3	4.9
Selenium	0.01	mg/L	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U
Silver	0.05	mg/L	0.0060 U	0.0060 UJ	0.0060 UJ	0.0060 UJ	0.0060 UJ	0.0060 UJ
Sodium	20	mg/L	36.8	36.2	70.2	121	11.4	25.8
Thallium	0.0005	mg/L	0.020 U	0.020 U	0.020 UJ	0.020 U	0.020 U	0.020 U
Vanadium	--	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Zinc	2	mg/L	0.15	0.087 J	0.22	0.055 J	0.021 J	0.014 J
Cyanide								
Cyanide	0.2	mg/L	0.010 U	0.015 UB	0.010 U	0.010 U	0.010 U	0.010 U

See Notes on Page 2.

Table 2
Groundwater Analytical Results
Second Quarter 2025 Groundwater Monitoring Report
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Clyde Former Manufactured Gas Plant
Clyde, New York

Notes:

1. Samples were submitted to Eurofins TestAmerica, Amherst, New York, for analysis using USEPA SW-846 Methods 8260B (VOCs), 8270C (SVOCs) 6010 (inorganics), and 9012 (cyanide).
2. Sample results detected above the MDL are presented in bold font.
3. Shading indicates that the result exceeds TOGS 1.1.1 (NYSDEC 1998).

Acronyms and Abbreviations:

"- ." - no TOGS 1.1.1 established

BTEX - benzene, ethylbenzene, toluene, and xylenes

MDL - Method Detection Limit

mg/L - milligrams per liter

ND - not detected

NYSDEC - New York State Department of Environmental Conservation

PAH - polycyclic aromatic hydrocarbon

SVOC - semi-volatile organic compound

TOGS 1.1.1 - Technical and Operational Guidance Series (1.1.1) Water Quality Standard or Guidance Values and Groundwater Effluent Limitations

µg/L - micrograms per liter

USEPA - United States Environmental Protection Agency

VOC - volatile organic compound

Lab Qualifiers:

J - The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

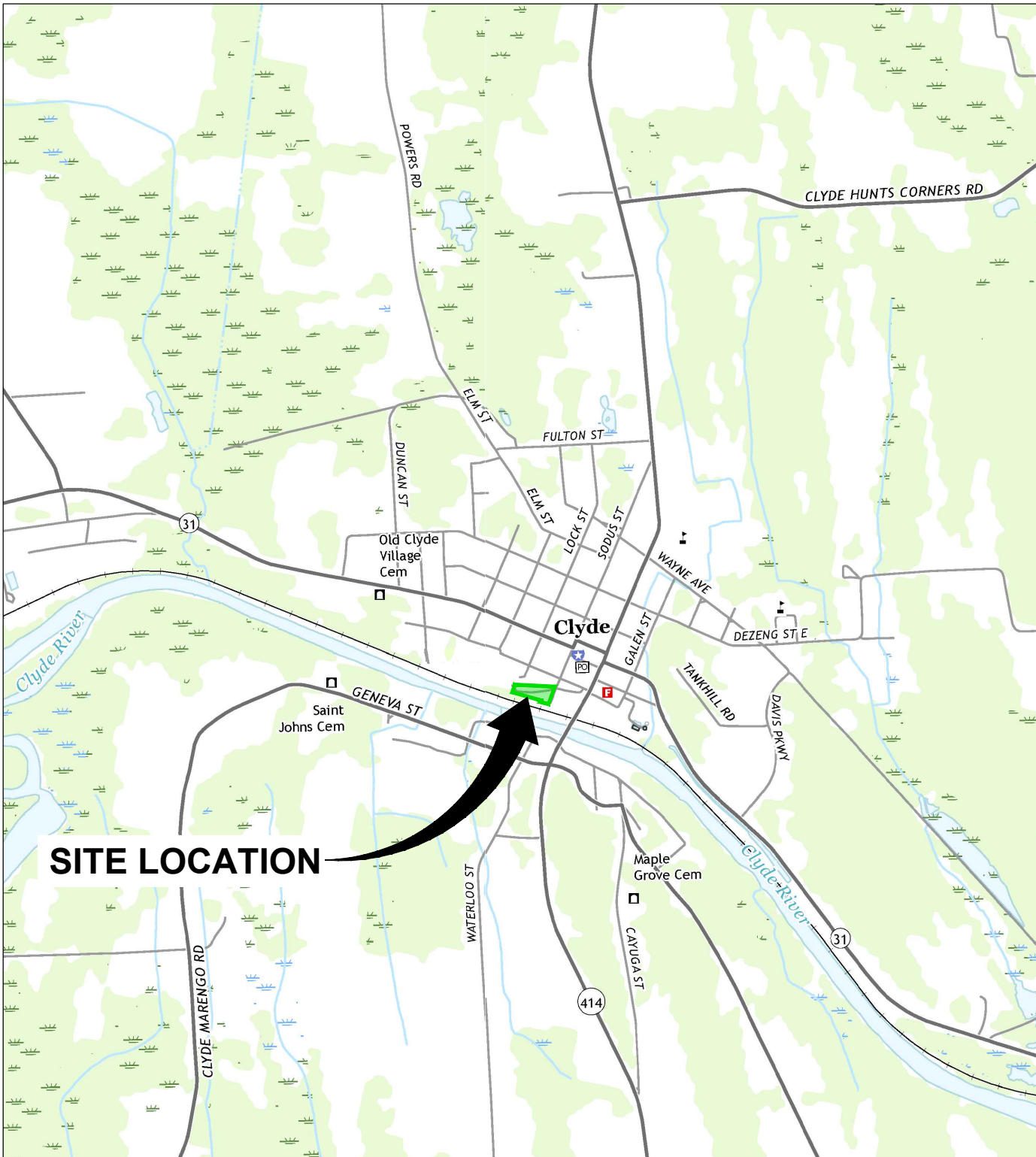
UBJ - The compound is considered non-detect at the listed value due to associated blank contamination. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

UJ - The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

Reference:

NYSDEC 1998. Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. October 22, 2003; reissued June 1998.

Figures



SITE LOCATION

REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., LYONS & SAVANNAH, NEW YORK, 2016.



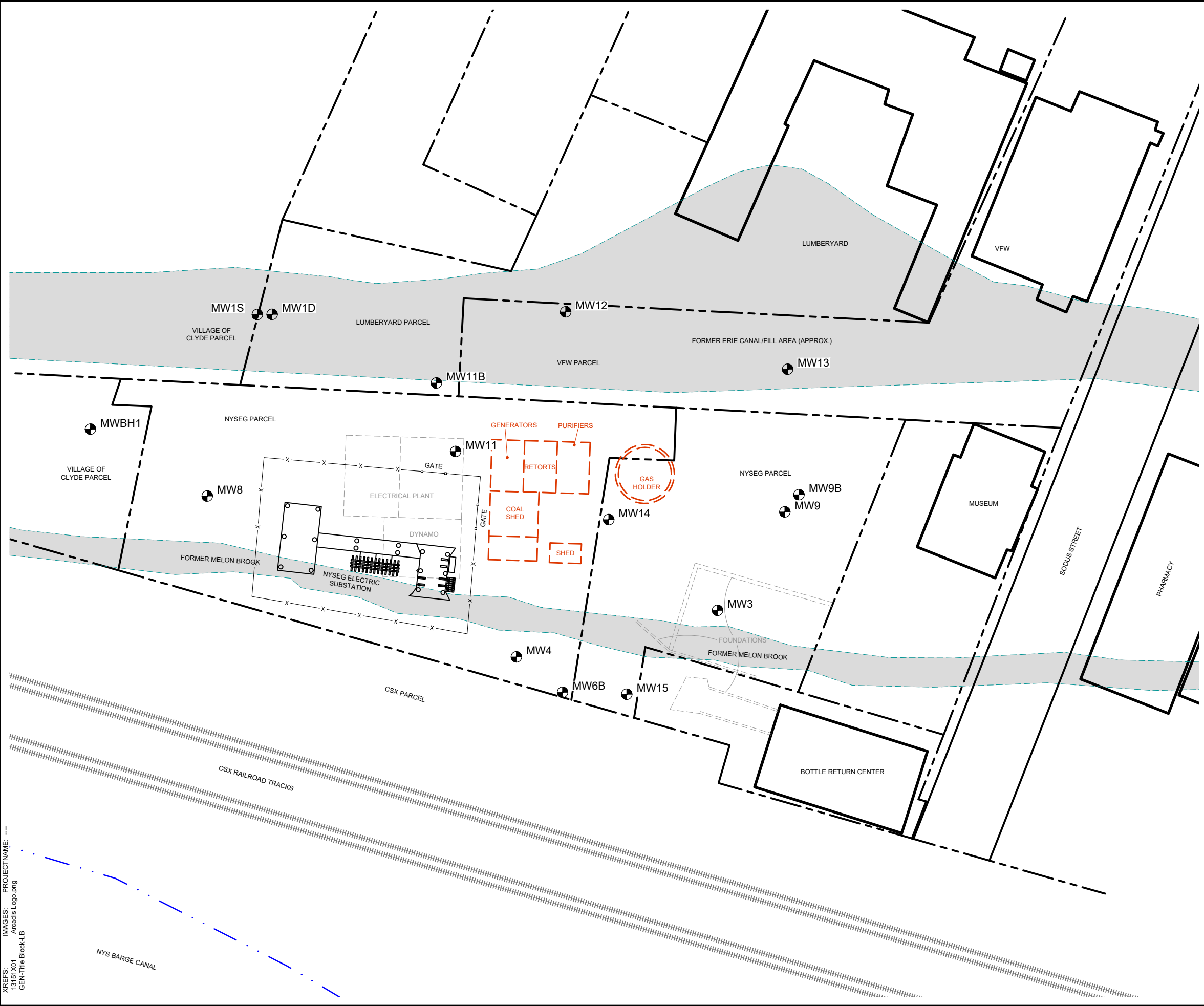
Approximate Scale: 1 in. = 2000 ft.



NEW YORK



NYSEG CLYDE FORMER MGP SITE CLYDE, NEW YORK	
SITE LOCATION MAP	
	FIGURE 1

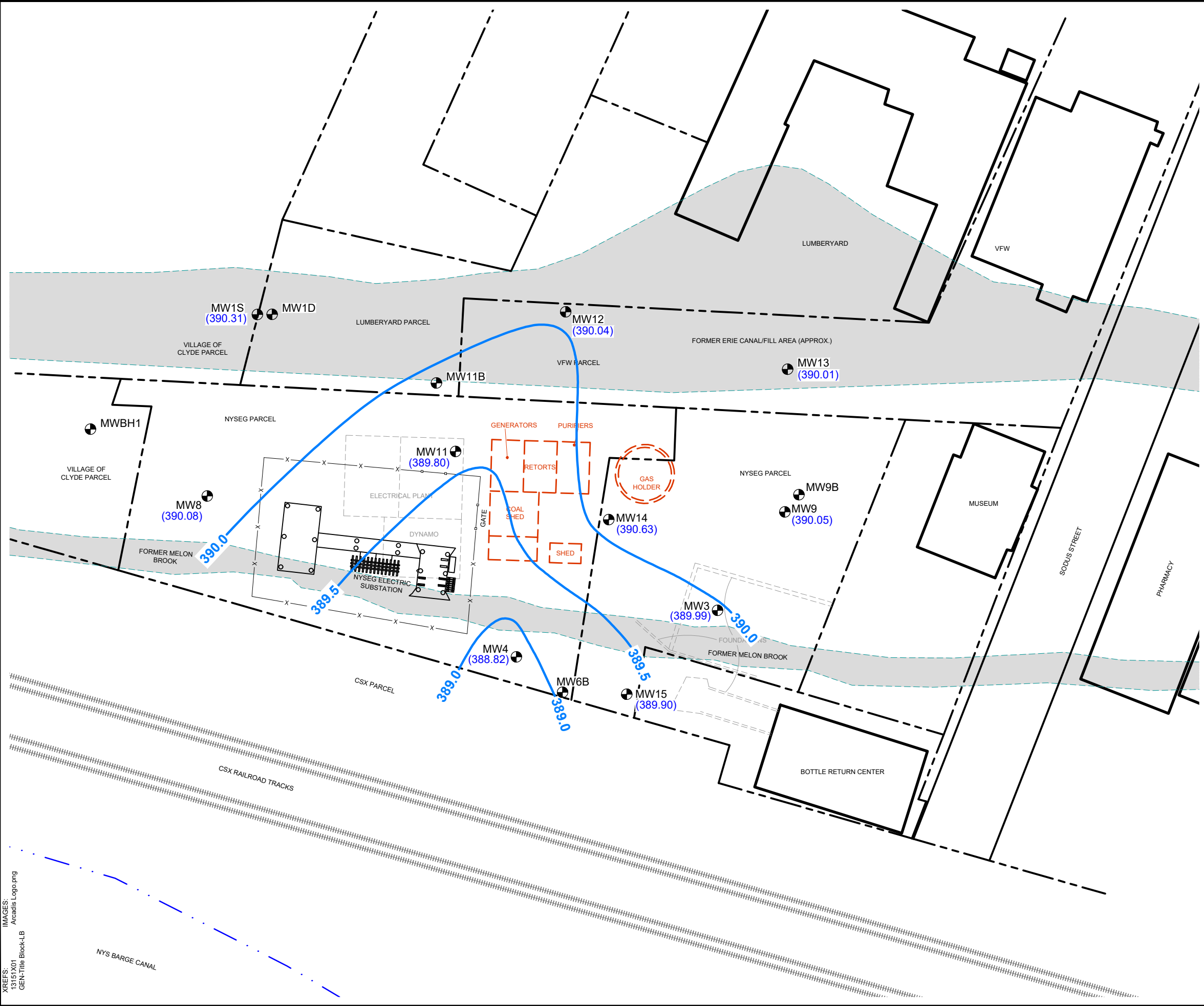


- LEGEND:**
- MONITORING WELL
 - PROPERTY LINE
 - FORMER MGP STRUCTURES
 - APPROXIMATE LOCATION OF FORMER BROOK/CANAL
 - FENCE LINE

- NOTES:**
1. ALL LOCATIONS ARE APPROXIMATE.
 2. BASE MAP REFERENCES: MAP SHOWING EXISTING CONDITIONS AT THE NYSEG CLYDE FORMER MANUFACTURED GAS PLANT - DRAWN BY THEW ASSOCIATES LAND SURVEYORS AND DATED SEPTEMBER 7, 2011, REVISED ON APRIL 23, 2012. HORIZONTAL DATUM: NEW YORK STATE PLANE COORDINATE SYSTEM (EAST ZONE, NORTH AMERICAN DATUM (NAD83). VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM (NAVD 88).
 3. MONITORING WELLS MW5, MW6, MWB6, MW7, MW10 AND MW10B HAVE BEEN DECOMMISSIONED AND ARE NOT SHOWN ON THIS FIGURE.



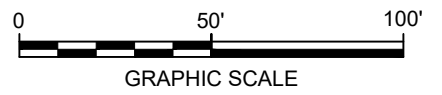
NYSEG CLYDE FORMER MGP SITE CLYDE, NEW YORK	
SITE LAYOUT	
	FIGURE 2



LEGEND:

- MONITORING WELL
- PROPERTY LINE
- FORMER MGP STRUCTURES
- APPROXIMATE LOCATION OF FORMER BROOK/CANAL
- FENCE LINE
- 390.0 GROUNDWATER ELEVATION CONTOUR LINE
- (390.01) GROUNDWATER ELEVATION (FEET NAVD88)

- NOTES:**
1. ALL LOCATIONS ARE APPROXIMATE.
 2. BASE MAP REFERENCES: MAP SHOWING EXISTING CONDITIONS AT THE NYSEG FORMER MANUFACTURED GAS PLANT - DRAWN BY THEW ASSOCIATES LAND SURVEYORS AND DATED SEPTEMBER 7, 2011, REVISED ON APRIL 23, 2012. HORIZONTAL DATUM: NEW YORK STATE PLANE COORDINATE SYSTEM (EAST ZONE, NORTH AMERICAN DATUM (NAD83). VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM (NAVD 88).
 3. MONITORING WELLS MW5, MW6, MW6B, MW7, MW10 AND MW10B HAVE BEEN DECOMMISSIONED AND ARE NOT SHOWN ON THIS FIGURE.



NYSEG
CLYDE FORMER MGP SITE
CLYDE, NEW YORK

**SHALLOW GROUNDWATER
CONTOUR MAP - MAY 22, 2025**

FIGURE
3

Attachment 1

Groundwater Sampling Logs

GROUNDWATER SAMPLING LOG

Site: NYSEG Clyde Former MGP

Clyde, NY

Event: May 2025 GWS

Sampling Personnel: Adam Svensson/Kaitlyn Fleming

Well ID: MW-4

Client / Job Number: 30270811

Date: 5/22/25

Weather: 52°F light rain

Time In: 1025

Time Out: 1215

Well Information

Depth to Water.	<u>2.44</u>	(feet TIC)
Total Depth	<u>13.98</u>	(feet TIC)
Length of Water Column	<u>11.54</u>	(feet)
Volume of Water in Well	<u>1.9</u>	(gal)
Screen Interval	<u>9-14'</u>	(feet)
Depth to pump intake	<u>≈ 12</u>	(feet TIC)

Well Type	<u>Flushmount</u>	Stick-Up
Well Material	Stainless Steel	<u>PVC</u>
Well Locked	Yes	<u>No</u>
Measuring Point Marked	<u>Yes</u>	No
Well Diameter	<u>2"</u>	4" 1"

Purging Information

Purging Method	Bailer	<u>Penstaltic</u>	Grundfos	Other Bladder Pump
Tubing/Bailer Material	St Steel	<u>Polyethylene</u>	Teflon	Other
Sampling Method	Bailer	<u>Penstaltic</u>	Grundfos	Other Bladder Pump
Duration of Pumping	<u>85</u>	(min)		
Average Pumping Rate	<u>200</u>	(ml/min)	Water-Quality Meter Type: YSI <u>proDSS</u>	
Total Volume Removed:	<u>1.8</u>	(gal)	Did well go dry: Yes <u>No</u>	

Conversion Factors				
gal / ft of water	1" ID	2" ID	4" ID	6" ID
	0.041	0.163	0.653	1.469
1 gal = 3.785 L = 3785 ml = 0.1337 cubic feet				

Unit Stability				
pH	DO	Cond	ORP	Turb
±0.1	±10%	±3.0%	±10 mV	±10% NTU

Parameter:	1	2	3	4	5	6	7	8	9	10	11	12	13
Volume Purged (gal)	1040	1045	1050	1055	1100	1105	1110	1115	1120				
Rate (mL/min)	0.1	0.3	0.5	0.7	1.0	1.2	1.4	1.6	S				
Depth to Water (ft.)	200	200	200	200	200	200	200	200	A				
pH	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	m				
Temp (C)	6.68	6.72	6.74	6.76	6.78	6.81	6.85	6.88	P				
Conductivity (mS/cm)	11.1	11.4	11.5	11.5	11.4	11.4	11.3	11.3	L				
Dissolved Oxygen (mg/l)	0.903	0.914	0.917	0.916	0.913	0.908	0.897	0.887	E				
ORP (mV)	2.16	0.78	0.51	0.39	0.33	0.24	0.21	0.18					
Turbidity (NTU)	20.7	-27.0	-40.7	-51.4	-57.0	-62.9	-67.4	-72.1					
Notes:	14.52	16.10	13.96	13.91	15.30	16.60	16.42	16.90					

Sampling Information

Analyses	#	Laboratory
VOCs 8260	<u>12</u>	Buffalo - Eurofins
* PAHs 8270	<u>4</u>	Buffalo - Eurofins
Total Cr 9012	<u>4</u>	Buffalo - Eurofins
TAL Metals 6010B	<u>4</u>	Buffalo - Eurofins
Sample ID <u>MW-4</u>		Sample Time: <u>1120</u>
MS/MSD	<u>Yes</u>	No
Duplicate	<u>Yes</u>	No
Duplicate ID <u>DUP-20250522</u>		Dup. Time:
Chain of Custody Signed By:	<u>AJS</u>	

Problems / Observations

Initial Purge: Pump on @ 1035

Description: clear, no odor

Final Purge: Pump off @ 1200

Description: clear, no odor

* Lab did not have 250 mL amber bottles, used (1) 1L amber with 500 mL instead as per lab instruction

GROUNDWATER SAMPLING LOG

Site: NYSEG Clyde Former MGP

Clyde, NY

Event: May 2025 GWS

Sampling Personnel: Adam Svensson/Kaitlyn Fleming

Well ID: MW-12

Client / Job Number: 30270811

Date: 5/22/2025

Weather: Cloudy / Rain, 47°

Time In: 1200

Time Out: 1320

Well Information

Depth to Water:	2.42	(feet TIC)
Total Depth	16.29	(feet TIC)
Length of Water Column:	13.87	(feet)
Volume of Water in Well	2.26	(gal)
Screen Interval:	4-14	(feet)
Depth to pump Intake:	~12	(feet TIC)

Well Type:	Flushmount	Stick-Up
Well Material:	Stainless Steel	PVC
Well Locked:	Yes	No
Measuring Point Marked:	Yes	No
Well Diameter:	2"	4" 1"

Purging Information

Purging Method:	Bailer	Peristaltic	Grundfos	Other: Bladder Pump
Tubing/Bailer Material:	St. Steel	Polyethylene	Teflon	Other:
Sampling Method:	Bailer	Peristaltic	Grundfos	Other: Bladder Pump
Duration of Pumping:	60	(min)		
Average Pumping Rate:	150	(ml/min)	Water-Quality Meter Type:	YSI
Total Volume Removed:	1.5	(gal)	Did well go dry:	Yes <input type="radio"/> No <input checked="" type="radio"/>

Conversion Factors				
gal / ft. of water	1" ID	2" ID	4" ID	6" ID
	0.041	0.163	0.653	1.469
1 gal = 3.785 L = 3785 ml = 0.1337 cubic feet				

Unit Stability				
pH	DO	Cond	ORP	Turb
±0.1	±10%	±3.0%	±10 mV	±10% ≤ 5NTU

Parameter:	1	2	3	4	5	6	7	8	9	10	11	12	13
Volume Purged (gal)	1215	1220	1225	1230	1235	1240	1245	1250	1255				
Rate (mL/min)	150	150	150	150	150	150	150	150	S				
Depth to Water (ft.)	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	A				
pH	6.84	6.86	6.86	6.86	6.87	6.87	6.87	6.87	M				
Temp (C)	12.0	11.6	11.6	11.6	11.4	11.4	11.5	11.4	P				
Conductivity (mS/cm)	1.436	1.524	1.559	1.589	1.608	1.618	1.628	1.616	L				
Dissolved Oxygen (mg/l)	1.82	1.53	1.44	1.40	1.36	1.34	1.32	1.31	E				
ORP (mV)	23.3	-26.8	-40.4	-48.9	-54.5	-58.3	-60.8	-63.0					
Turbidity (NTU)	16.89	10.72	10.05	9.37	7.79	4.87	4.01	3.40					
Notes:													

Sampling Information

Analyses	#	Laboratory
VOCs 8260	3	Buffalo - Eurofins
PAHs 8270	1	Buffalo - Eurofins
Total Cr 9012	1	Buffalo - Eurofins
TAL Metals 6010B	1	Buffalo - Eurofins
Sample ID: MW-12	Sample Time: 1255	
MS/MSD	Yes	<input checked="" type="radio"/> No
Duplicate:	Yes	<input checked="" type="radio"/> No
Duplicate ID: /	Dup. Time: /	
Chain of Custody Signed By:	KCF	

Problems / Observations

Initial Purge: Pump on @ 1210

Description: clear, no odor

Final Purge: Pump off @ 1310

Description: clear, no odor

* Lab did not have 250mL amber bottles, used 1 (1) L amber with 500mL instead as per lab instruction Page 1 of 1

GROUNDWATER SAMPLING LOG

Site: NYSEG Clyde Former MGP

Clyde, NY

Event: May 2025 GWS

Sampling Personnel: Adam Svensson/Kaitlyn Fleming

Well ID: MW-14

Client / Job Number: 30270811

Date: 5/22/2025

Weather: Rain, 47°

Time In: 1030

Time Out: 1200

Well Information

Depth to Water:	2.85	(feet TIC)
Total Depth:	13.84	(feet TIC)
Length of Water Column:	10.99	(feet)
Volume of Water in Well:	1.79	(gal)
Screen Interval:	NA	(feet)
Depth to pump Intake:	~ 13	(feet TIC)

Well Type	Flushmount	Stick-Up
Well Material:	Stainless Steel	PVC
Well Locked:	Yes	No
Measuring Point Marked:	Yes	No
Well Diameter:	2"	4" 1"

Purging Information

Purging Method:	Bailer	Peristaltic	Grundfos	Other: Bladder Pump
Tubing/Bailer Material:	St Steel	Polyethylene	Teflon	Other:
Sampling Method:	Bailer	Peristaltic	Grundfos	Other: Bladder Pump
Duration of Pumping:	70	(min)		
Average Pumping Rate:	120	(ml/min)	Water-Quality Meter Type:	YSI
Total Volume Removed:	2.0	(gal)	Did well go dry:	Yes <input type="radio"/> No <input checked="" type="radio"/>

Conversion Factors				
gal / ft of water	1" ID	2" ID	4" ID	6" ID
	0.041	0.163	0.653	1.459
1 gal = 3.785 L = 3785 ml = 0.1337 cubic feet				

Unit Stability				
pH	DO	Cond	ORP	Turb
±0.1	±10%	±3.0%	±10 mV	±10% < 5NTU

Parameter:	1	2	3	4	5	6	7	8	9	10	11	12	13
Volume Purged (gal)	1040	1045	1050	1055	1100	1105	1110	1115	1120	1125	1130	1135	1140
Rate (mL/min)	120	120	120	120	120	120	120	120	120	120	120	120	SAMPLE
Depth to Water (ft.)	3.40	3.75	3.80	3.80	3.80	3.80	3.91	3.91	3.91	3.91	3.91	3.91	↓
pH	7.29	7.23	7.24	7.25	7.26	7.26	7.27	7.28	7.28	7.27	7.27	7.26	↓
Temp (C)	11.5	11.5	11.6	11.6	11.8	11.8	11.9	11.9	11.8	11.7	11.7	11.6	↓
Conductivity (mS/cm)	0.593	0.590	0.584	0.579	0.578	0.578	0.573	0.571	0.567	0.564	0.562	0.561	↓
Dissolved Oxygen (mg/l)	2.46	1.67	1.54	1.48	1.45	1.41	1.42	1.39	1.35	1.36	1.37	1.40	↓
ORP (mV)	205.0	202.9	197.8	192.4	187.4	182.4	177.0	172.0	167.1	162.5	157.3	152.5	↓
Turbidity (NTU)	387.27	276.12	99.23	159.34	135.84	95.18	56.98	44.75	34.43	24.65	24.20	23.56	↓
Notes:													

Sampling Information

Analyses	#	Laboratory
VOCs 8260	3	Buffalo - Eurofins
PAHs 8270	1	Buffalo - Eurofins
Total Cr 9012	1	Buffalo - Eurofins
TAL Metals 6010B	1	Buffalo - Eurofins
Sample ID	MW-14	Sample Time: 1140
MS/MSD:	Yes	No
Duplicate	Yes	No
Duplicate ID:	_____	Dup Time: _____
Chain of Custody Signed By:	KCF	

Problems / Observations

Initial Purge: Pump on @ 1035

Description: light brown sediment, turbid, no odor

Final Purge: Pump off @ 1145

Description: clear, no odor

* Lab did not have 250 ml amber bottles, used (1) 1L amber with 500 ml instead as per lab instruction

GROUNDWATER SAMPLING LOG

Site: NYSEG Clyde Former MGP

Clyde, NY

Event: May 2025 GWS

Sampling Personnel: Adam Svensson/Kaitlyn Fleming

Well ID: MW-15

Client / Job Number: 30270811

Date: 5/22/25

Weather: 52°F light rain

Time In: 1215

Time Out: 1330

Well Information

Depth to Water:	3.05	(feet TIC)
Total Depth:	13.79	(feet TIC)
Length of Water Column:	10.74	(feet)
Volume of Water in Well:	1.8	(gal)
Screen Interval:		(feet)
Depth to pump Intake:	~12	(feet TIC)

Well Type:	Flushmount	Stick-Up
Well Material:	Stainless Steel	PVC
Well Locked:	Yes	No
Measuring Point Marked:	Yes	No
Well Diameter:	2"	4" 1"

Purging Information

Purging Method:	Bailer	Peristaltic	Grundfos	Other: Bladder Pump
Tubing/Bailer Material:	St. Steel	Polyethylene	Teflon	Other:
Sampling Method:	Bailer	Peristaltic	Grundfos	Other: Bladder Pump
Duration of Pumping:	65	(min)		
Average Pumping Rate:	200	(ml/min)	Water-Quality Meter Type:	YSI proDSS
Total Volume Removed:	2.3	(gal)	Did well go dry:	Yes No

Conversion Factors				
gal / ft. of water	1" ID	2" ID	4" ID	6" ID
	0.041	0.163	0.653	1.469
1 gal = 3.785 L = 3785 ml = 0.1337 cubic feet				

Unit Stability				
pH	DO	Cond	ORP	Turb
±0.1	±10%	±3.0%	±10 mV	±10% ±5NTU

Parameter:	1	2	3	4	5	6	7	8	9	10	11	12	13
Volume Purged (gal)	0.1	0.3	0.5	0.7	1.0	1.2	1.4	1.6	1.8	2.1	5		
Rate (mL/min)	200	200	200	200	200	200	200	200	200	200	A		
Depth to Water (ft.)	3.08	3.07	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	m		
pH	7.12	7.09	7.08	7.06	7.04	7.04	7.04	7.08	7.09	7.07	P		
Temp. (C)	11.2	11.5	11.2	11.0	11.0	11.1	11.2	11.2	11.2	11.2	L		
Conductivity (mS/cm)	0.811	0.819	0.815	0.810	0.807	0.788	0.773	0.760	0.752	0.748	E		
Dissolved Oxygen (mg/l)	1.81	0.82	0.47	0.31	0.25	0.21	0.18	0.15	0.13	0.10			
ORP (mV)	59.1	-13.7	-45.3	-60.5	-66.7	-72.6	-76.0	-79.2	-81.2	-83.3			
Turbidity (NTU)	46.21	42.38	38.91	34.02	24.61	10.97	8.42	6.19	5.88	5.99			
Notes:													

Sampling Information

Analyses	#	Laboratory
VOCs 8260	3	Buffalo - Eurofins
PAHs 8270	1	Buffalo - Eurofins
Total Cr 9012	1	Buffalo - Eurofins
TAL Metals 6010B	1	Buffalo - Eurofins
Sample ID	MW-15	Sample Time: 1315
MS/MSD:	Yes	No
Duplicate	Yes	No
Duplicate ID:	—	Dup. Time: —
Chain of Custody Signed By:	AJS	

Problems / Observations

Initial Purge: Pump on @ 1220

Description: clear, no odor

Final Purge: Pump off @ 1325

Description: clear, no odor

* Lab did not have 250 mL amber bottles, used (1) 1L amber with 500 mL instead as per lab instruction

Attachment 2

Groundwater Laboratory Reports



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. John J Ruspantini
New York State Electric & Gas
18 Link Drive
Binghamton, New York 13902

Generated 5/30/2025 3:59:34 PM

JOB DESCRIPTION

NYSEG - Clyde
Groundwater

JOB NUMBER

480-229632-1

Eurofins Buffalo

Job Notes

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Authorization



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Definitions/Glossary

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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.

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.

Glossary

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

Case Narrative

Client: New York State Electric & Gas
Project: NYSEG - Clyde

Job ID: 480-229632-1

Job ID: 480-229632-1

Eurofins Buffalo

Job Narrative 480-229632-1

Receipt

The samples were received on 5/22/2025 4:11 PM. 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 1.1° C and 8.0° C.

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

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

General Chemistry

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

Organic Prep

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



Detection Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-4

Lab Sample ID: 480-229632-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.83	J	5.0	0.41	ug/L	1		8270D	Total/NA
Fluoranthene	1.1	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	0.53	J	5.0	0.36	ug/L	1		8270D	Total/NA
Pyrene	1.4	J	5.0	0.34	ug/L	1		8270D	Total/NA
Barium	0.23		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	165		0.50	0.10	mg/L	1		6010D	Total/NA
Iron	22.8	B	0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	31.2		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.92	B	0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	6.6		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	36.2		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.087	^5-	0.010	0.0015	mg/L	1		6010D	Total/NA
Cyanide, Total	0.015	B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-12

Lab Sample ID: 480-229632-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.26		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	164		0.50	0.10	mg/L	1		6010D	Total/NA
Iron	10.7	B	0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	32.9		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	1.4	B	0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	11.6		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	121		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.055	^5-	0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: MW-14

Lab Sample ID: 480-229632-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.71		0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	85.9		0.50	0.10	mg/L	1		6010D	Total/NA
Chromium	0.0015	J	0.0040	0.0010	mg/L	1		6010D	Total/NA
Copper	0.0022	J	0.010	0.0016	mg/L	1		6010D	Total/NA
Iron	0.76	B	0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	22.6		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.56	B	0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	2.3		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	11.4		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.021	^5-	0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 480-229632-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.083	J	0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.15		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	151		0.50	0.10	mg/L	1		6010D	Total/NA
Iron	11.7	B	0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	26.4		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.63	B	0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	4.9		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	25.8		1.0	0.32	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: New York State Electric & Gas
 Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-15 (Continued)

Lab Sample ID: 480-229632-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.014	^5-	0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-229632-5

No Detections.

Client Sample ID: DUP-20250522

Lab Sample ID: 480-229632-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	1.0	J	5.0	0.41	ug/L	1		8270D	Total/NA
Fluoranthene	1.2	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	0.64	J	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	0.45	J	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	1.6	J	5.0	0.34	ug/L	1		8270D	Total/NA
Barium	0.23		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	164		0.50	0.10	mg/L	1		6010D	Total/NA
Iron	22.9	B	0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	31.3		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.91	B	0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	6.5		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	36.5		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.071	^5-	0.010	0.0015	mg/L	1		6010D	Total/NA
Cyanide, Total	0.014	B	0.010	0.0041	mg/L	1		9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-4

Lab Sample ID: 480-229632-1

Date Collected: 05/22/25 11:20

Matrix: Ground Water

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 00:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 00:45	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 00:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 00:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					05/25/25 00:45	1
4-Bromofluorobenzene (Surr)	100		73 - 120					05/25/25 00:45	1
Dibromofluoromethane (Surr)	104		75 - 123					05/25/25 00:45	1
Toluene-d8 (Surr)	99		80 - 120					05/25/25 00:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.83	J	5.0	0.41	ug/L		05/27/25 09:05	05/28/25 14:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/25 09:05	05/28/25 14:59	1
Anthracene	ND		5.0	0.28	ug/L		05/27/25 09:05	05/28/25 14:59	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 14:59	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 14:59	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 14:59	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/27/25 09:05	05/28/25 14:59	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/27/25 09:05	05/28/25 14:59	1
Chrysene	ND		5.0	0.33	ug/L		05/27/25 09:05	05/28/25 14:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/25 09:05	05/28/25 14:59	1
Fluoranthene	1.1	J	5.0	0.40	ug/L		05/27/25 09:05	05/28/25 14:59	1
Fluorene	0.53	J	5.0	0.36	ug/L		05/27/25 09:05	05/28/25 14:59	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 14:59	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/25 09:05	05/28/25 14:59	1
Phenanthrene	ND		5.0	0.44	ug/L		05/27/25 09:05	05/28/25 14:59	1
Pyrene	1.4	J	5.0	0.34	ug/L		05/27/25 09:05	05/28/25 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	87		53 - 126				05/27/25 09:05	05/28/25 14:59	1
Nitrobenzene-d5 (Surr)	76		29 - 129				05/27/25 09:05	05/28/25 14:59	1
p-Terphenyl-d14 (Surr)	81		33 - 132				05/27/25 09:05	05/28/25 14:59	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/27/25 09:13	05/28/25 15:26	1
Antimony	ND		0.020	0.0068	mg/L		05/27/25 09:13	05/28/25 15:26	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/25 09:13	05/28/25 15:26	1
Barium	0.23		0.0020	0.00070	mg/L		05/27/25 09:13	05/28/25 15:26	1
Beryllium	ND	^5-	0.0020	0.00030	mg/L		05/27/25 09:13	05/28/25 15:26	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/25 09:13	05/28/25 15:26	1
Calcium	165		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:26	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/25 09:13	05/28/25 15:26	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/25 09:13	05/28/25 15:26	1
Copper	ND		0.010	0.0016	mg/L		05/27/25 09:13	05/28/25 15:26	1
Iron	22.8	B	0.050	0.019	mg/L		05/27/25 09:13	05/28/25 15:26	1
Lead	ND		0.010	0.0030	mg/L		05/27/25 09:13	05/28/25 15:26	1
Magnesium	31.2		0.20	0.043	mg/L		05/27/25 09:13	05/28/25 15:26	1

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Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-4

Lab Sample ID: 480-229632-1

Date Collected: 05/22/25 11:20

Matrix: Ground Water

Date Received: 05/22/25 16:11

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.92	B	0.0030	0.00040	mg/L		05/27/25 09:13	05/28/25 15:26	1
Nickel	ND	^5-	0.010	0.0013	mg/L		05/27/25 09:13	05/28/25 15:26	1
Potassium	6.6		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:26	1
Selenium	ND		0.025	0.0087	mg/L		05/27/25 09:13	05/28/25 15:26	1
Silver	ND	^5-	0.0060	0.0017	mg/L		05/27/25 09:13	05/28/25 15:26	1
Sodium	36.2		1.0	0.32	mg/L		05/27/25 09:13	05/28/25 15:26	1
Thallium	ND		0.020	0.010	mg/L		05/27/25 09:13	05/28/25 15:26	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/25 09:13	05/28/25 15:26	1
Zinc	0.087	^5-	0.010	0.0015	mg/L		05/27/25 09:13	05/28/25 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.015	B	0.010	0.0041	mg/L			05/27/25 22:49	1

Client Sample ID: MW-12

Lab Sample ID: 480-229632-2

Date Collected: 05/22/25 12:55

Matrix: Ground Water

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 01:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 01:07	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 01:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 01:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		05/25/25 01:07	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/25/25 01:07	1
Dibromofluoromethane (Surr)	106		75 - 123		05/25/25 01:07	1
Toluene-d8 (Surr)	100		80 - 120		05/25/25 01:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		05/27/25 09:05	05/28/25 15:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/25 09:05	05/28/25 15:54	1
Anthracene	ND		5.0	0.28	ug/L		05/27/25 09:05	05/28/25 15:54	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 15:54	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 15:54	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 15:54	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/27/25 09:05	05/28/25 15:54	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/27/25 09:05	05/28/25 15:54	1
Chrysene	ND		5.0	0.33	ug/L		05/27/25 09:05	05/28/25 15:54	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/25 09:05	05/28/25 15:54	1
Fluoranthene	ND		5.0	0.40	ug/L		05/27/25 09:05	05/28/25 15:54	1
Fluorene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 15:54	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 15:54	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/25 09:05	05/28/25 15:54	1
Phenanthrene	ND		5.0	0.44	ug/L		05/27/25 09:05	05/28/25 15:54	1
Pyrene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 15:54	1

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Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-12
Date Collected: 05/22/25 12:55
Date Received: 05/22/25 16:11

Lab Sample ID: 480-229632-2
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		53 - 126	05/27/25 09:05	05/28/25 15:54	1
Nitrobenzene-d5 (Surr)	80		29 - 129	05/27/25 09:05	05/28/25 15:54	1
p-Terphenyl-d14 (Surr)	71		33 - 132	05/27/25 09:05	05/28/25 15:54	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/27/25 09:13	05/28/25 15:46	1
Antimony	ND		0.020	0.0068	mg/L		05/27/25 09:13	05/28/25 15:46	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/25 09:13	05/28/25 15:46	1
Barium	0.26		0.0020	0.00070	mg/L		05/27/25 09:13	05/28/25 15:46	1
Beryllium	ND	^5-	0.0020	0.00030	mg/L		05/27/25 09:13	05/28/25 15:46	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/25 09:13	05/28/25 15:46	1
Calcium	164		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:46	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/25 09:13	05/28/25 15:46	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/25 09:13	05/28/25 15:46	1
Copper	ND		0.010	0.0016	mg/L		05/27/25 09:13	05/28/25 15:46	1
Iron	10.7	B	0.050	0.019	mg/L		05/27/25 09:13	05/28/25 15:46	1
Lead	ND		0.010	0.0030	mg/L		05/27/25 09:13	05/28/25 15:46	1
Magnesium	32.9		0.20	0.043	mg/L		05/27/25 09:13	05/28/25 15:46	1
Manganese	1.4	B	0.0030	0.00040	mg/L		05/27/25 09:13	05/28/25 15:46	1
Nickel	ND	^5-	0.010	0.0013	mg/L		05/27/25 09:13	05/28/25 15:46	1
Potassium	11.6		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:46	1
Selenium	ND		0.025	0.0087	mg/L		05/27/25 09:13	05/28/25 15:46	1
Silver	ND	^5-	0.0060	0.0017	mg/L		05/27/25 09:13	05/28/25 15:46	1
Sodium	121		1.0	0.32	mg/L		05/27/25 09:13	05/28/25 15:46	1
Thallium	ND		0.020	0.010	mg/L		05/27/25 09:13	05/28/25 15:46	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/25 09:13	05/28/25 15:46	1
Zinc	0.055	^5-	0.010	0.0015	mg/L		05/27/25 09:13	05/28/25 15:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			05/27/25 23:18	1

Client Sample ID: MW-14
Date Collected: 05/22/25 11:40
Date Received: 05/22/25 16:11

Lab Sample ID: 480-229632-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 01:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 01:29	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 01:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 01:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		05/25/25 01:29	1
4-Bromofluorobenzene (Surr)	101		73 - 120		05/25/25 01:29	1
Dibromofluoromethane (Surr)	102		75 - 123		05/25/25 01:29	1
Toluene-d8 (Surr)	99		80 - 120		05/25/25 01:29	1

Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-14

Lab Sample ID: 480-229632-3

Date Collected: 05/22/25 11:40

Matrix: Ground Water

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		05/27/25 09:05	05/28/25 16:22	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/25 09:05	05/28/25 16:22	1
Anthracene	ND		5.0	0.28	ug/L		05/27/25 09:05	05/28/25 16:22	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 16:22	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 16:22	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 16:22	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/27/25 09:05	05/28/25 16:22	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/27/25 09:05	05/28/25 16:22	1
Chrysene	ND		5.0	0.33	ug/L		05/27/25 09:05	05/28/25 16:22	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/25 09:05	05/28/25 16:22	1
Fluoranthene	ND		5.0	0.40	ug/L		05/27/25 09:05	05/28/25 16:22	1
Fluorene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 16:22	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 16:22	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/25 09:05	05/28/25 16:22	1
Phenanthrene	ND		5.0	0.44	ug/L		05/27/25 09:05	05/28/25 16:22	1
Pyrene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	84		53 - 126				05/27/25 09:05	05/28/25 16:22	1
Nitrobenzene-d5 (Surr)	75		29 - 129				05/27/25 09:05	05/28/25 16:22	1
p-Terphenyl-d14 (Surr)	78		33 - 132				05/27/25 09:05	05/28/25 16:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.71		0.20	0.060	mg/L		05/27/25 09:13	05/28/25 15:48	1
Antimony	ND		0.020	0.0068	mg/L		05/27/25 09:13	05/28/25 15:48	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/25 09:13	05/28/25 15:48	1
Barium	0.035		0.0020	0.00070	mg/L		05/27/25 09:13	05/28/25 15:48	1
Beryllium	ND	^5-	0.0020	0.00030	mg/L		05/27/25 09:13	05/28/25 15:48	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/25 09:13	05/28/25 15:48	1
Calcium	85.9		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:48	1
Chromium	0.0015	J	0.0040	0.0010	mg/L		05/27/25 09:13	05/28/25 15:48	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/25 09:13	05/28/25 15:48	1
Copper	0.0022	J	0.010	0.0016	mg/L		05/27/25 09:13	05/28/25 15:48	1
Iron	0.76	B	0.050	0.019	mg/L		05/27/25 09:13	05/28/25 15:48	1
Lead	ND		0.010	0.0030	mg/L		05/27/25 09:13	05/28/25 15:48	1
Magnesium	22.6		0.20	0.043	mg/L		05/27/25 09:13	05/28/25 15:48	1
Manganese	0.56	B	0.0030	0.00040	mg/L		05/27/25 09:13	05/28/25 15:48	1
Nickel	ND	^5-	0.010	0.0013	mg/L		05/27/25 09:13	05/28/25 15:48	1
Potassium	2.3		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:48	1
Selenium	ND		0.025	0.0087	mg/L		05/27/25 09:13	05/28/25 15:48	1
Silver	ND	^5-	0.0060	0.0017	mg/L		05/27/25 09:13	05/28/25 15:48	1
Sodium	11.4		1.0	0.32	mg/L		05/27/25 09:13	05/28/25 15:48	1
Thallium	ND		0.020	0.010	mg/L		05/27/25 09:13	05/28/25 15:48	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/25 09:13	05/28/25 15:48	1
Zinc	0.021	^5-	0.010	0.0015	mg/L		05/27/25 09:13	05/28/25 15:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			05/27/25 23:41	1

Eurofins Buffalo

Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-15

Lab Sample ID: 480-229632-4

Date Collected: 05/22/25 13:15

Matrix: Ground Water

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 01:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 01:51	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 01:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 01:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		05/25/25 01:51	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/25/25 01:51	1
Dibromofluoromethane (Surr)	103		75 - 123		05/25/25 01:51	1
Toluene-d8 (Surr)	100		80 - 120		05/25/25 01:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		05/27/25 09:05	05/28/25 16:50	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/25 09:05	05/28/25 16:50	1
Anthracene	ND		5.0	0.28	ug/L		05/27/25 09:05	05/28/25 16:50	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 16:50	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 16:50	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 16:50	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/27/25 09:05	05/28/25 16:50	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/27/25 09:05	05/28/25 16:50	1
Chrysene	ND		5.0	0.33	ug/L		05/27/25 09:05	05/28/25 16:50	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/25 09:05	05/28/25 16:50	1
Fluoranthene	ND		5.0	0.40	ug/L		05/27/25 09:05	05/28/25 16:50	1
Fluorene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 16:50	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 16:50	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/25 09:05	05/28/25 16:50	1
Phenanthrene	ND		5.0	0.44	ug/L		05/27/25 09:05	05/28/25 16:50	1
Pyrene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	90		53 - 126	05/27/25 09:05	05/28/25 16:50	1
Nitrobenzene-d5 (Surr)	77		29 - 129	05/27/25 09:05	05/28/25 16:50	1
p-Terphenyl-d14 (Surr)	66		33 - 132	05/27/25 09:05	05/28/25 16:50	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.083	J	0.20	0.060	mg/L		05/27/25 09:13	05/28/25 15:49	1
Antimony	ND		0.020	0.0068	mg/L		05/27/25 09:13	05/28/25 15:49	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/25 09:13	05/28/25 15:49	1
Barium	0.15		0.0020	0.00070	mg/L		05/27/25 09:13	05/28/25 15:49	1
Beryllium	ND	^5-	0.0020	0.00030	mg/L		05/27/25 09:13	05/28/25 15:49	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/25 09:13	05/28/25 15:49	1
Calcium	151		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:49	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/25 09:13	05/28/25 15:49	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/25 09:13	05/28/25 15:49	1
Copper	ND		0.010	0.0016	mg/L		05/27/25 09:13	05/28/25 15:49	1
Iron	11.7	B	0.050	0.019	mg/L		05/27/25 09:13	05/28/25 15:49	1
Lead	ND		0.010	0.0030	mg/L		05/27/25 09:13	05/28/25 15:49	1
Magnesium	26.4		0.20	0.043	mg/L		05/27/25 09:13	05/28/25 15:49	1

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Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-15

Date Collected: 05/22/25 13:15

Date Received: 05/22/25 16:11

Lab Sample ID: 480-229632-4

Matrix: Ground Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.63	B	0.0030	0.00040	mg/L		05/27/25 09:13	05/28/25 15:49	1
Nickel	ND	^5-	0.010	0.0013	mg/L		05/27/25 09:13	05/28/25 15:49	1
Potassium	4.9		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:49	1
Selenium	ND		0.025	0.0087	mg/L		05/27/25 09:13	05/28/25 15:49	1
Silver	ND	^5-	0.0060	0.0017	mg/L		05/27/25 09:13	05/28/25 15:49	1
Sodium	25.8		1.0	0.32	mg/L		05/27/25 09:13	05/28/25 15:49	1
Thallium	ND		0.020	0.010	mg/L		05/27/25 09:13	05/28/25 15:49	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/25 09:13	05/28/25 15:49	1
Zinc	0.014	^5-	0.010	0.0015	mg/L		05/27/25 09:13	05/28/25 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			05/27/25 23:48	1

Client Sample ID: TRIP BLANK

Date Collected: 05/22/25 00:00

Date Received: 05/22/25 16:11

Lab Sample ID: 480-229632-5

Matrix: WQ

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 02:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 02:14	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 02:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		05/25/25 02:14	1
4-Bromofluorobenzene (Surr)	100		73 - 120		05/25/25 02:14	1
Dibromofluoromethane (Surr)	103		75 - 123		05/25/25 02:14	1
Toluene-d8 (Surr)	99		80 - 120		05/25/25 02:14	1

Client Sample ID: DUP-20250522

Date Collected: 05/22/25 00:00

Date Received: 05/22/25 16:11

Lab Sample ID: 480-229632-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 02:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 02:36	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 02:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 02:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		05/25/25 02:36	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/25/25 02:36	1
Dibromofluoromethane (Surr)	104		75 - 123		05/25/25 02:36	1
Toluene-d8 (Surr)	99		80 - 120		05/25/25 02:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.0	J	5.0	0.41	ug/L		05/27/25 09:05	05/28/25 17:18	1

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Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: DUP-20250522

Lab Sample ID: 480-229632-6

Date Collected: 05/22/25 00:00

Matrix: Water

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/25 09:05	05/28/25 17:18	1
Anthracene	ND		5.0	0.28	ug/L		05/27/25 09:05	05/28/25 17:18	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 17:18	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 17:18	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 17:18	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/27/25 09:05	05/28/25 17:18	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/27/25 09:05	05/28/25 17:18	1
Chrysene	ND		5.0	0.33	ug/L		05/27/25 09:05	05/28/25 17:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/25 09:05	05/28/25 17:18	1
Fluoranthene	1.2	J	5.0	0.40	ug/L		05/27/25 09:05	05/28/25 17:18	1
Fluorene	0.64	J	5.0	0.36	ug/L		05/27/25 09:05	05/28/25 17:18	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 17:18	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/25 09:05	05/28/25 17:18	1
Phenanthrene	0.45	J	5.0	0.44	ug/L		05/27/25 09:05	05/28/25 17:18	1
Pyrene	1.6	J	5.0	0.34	ug/L		05/27/25 09:05	05/28/25 17:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	106		53 - 126				05/27/25 09:05	05/28/25 17:18	1
Nitrobenzene-d5 (Surr)	92		29 - 129				05/27/25 09:05	05/28/25 17:18	1
p-Terphenyl-d14 (Surr)	69		33 - 132				05/27/25 09:05	05/28/25 17:18	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/27/25 09:13	05/28/25 15:51	1
Antimony	ND		0.020	0.0068	mg/L		05/27/25 09:13	05/28/25 15:51	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/25 09:13	05/28/25 15:51	1
Barium	0.23		0.0020	0.00070	mg/L		05/27/25 09:13	05/28/25 15:51	1
Beryllium	ND	^5-	0.0020	0.00030	mg/L		05/27/25 09:13	05/28/25 15:51	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/25 09:13	05/28/25 15:51	1
Calcium	164		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:51	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/25 09:13	05/28/25 15:51	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/25 09:13	05/28/25 15:51	1
Copper	ND		0.010	0.0016	mg/L		05/27/25 09:13	05/28/25 15:51	1
Iron	22.9	B	0.050	0.019	mg/L		05/27/25 09:13	05/28/25 15:51	1
Lead	ND		0.010	0.0030	mg/L		05/27/25 09:13	05/28/25 15:51	1
Magnesium	31.3		0.20	0.043	mg/L		05/27/25 09:13	05/28/25 15:51	1
Manganese	0.91	B	0.0030	0.00040	mg/L		05/27/25 09:13	05/28/25 15:51	1
Nickel	ND	^5-	0.010	0.0013	mg/L		05/27/25 09:13	05/28/25 15:51	1
Potassium	6.5		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:51	1
Selenium	ND		0.025	0.0087	mg/L		05/27/25 09:13	05/28/25 15:51	1
Silver	ND	^5-	0.0060	0.0017	mg/L		05/27/25 09:13	05/28/25 15:51	1
Sodium	36.5		1.0	0.32	mg/L		05/27/25 09:13	05/28/25 15:51	1
Thallium	ND		0.020	0.010	mg/L		05/27/25 09:13	05/28/25 15:51	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/25 09:13	05/28/25 15:51	1
Zinc	0.071	^5-	0.010	0.0015	mg/L		05/27/25 09:13	05/28/25 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.014	B	0.010	0.0041	mg/L			05/27/25 23:51	1

Euromins Buffalo

Surrogate Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	DBFM (75-123)	TOL (80-120)
480-229632-1	MW-4	101	100	104	99
480-229632-1 MS	MW-4	99	102	100	99
480-229632-1 MSD	MW-4	98	102	101	98
480-229632-2	MW-12	101	99	106	100
480-229632-3	MW-14	100	101	102	99
480-229632-4	MW-15	101	99	103	100

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	DBFM (75-123)	TOL (80-120)
480-229632-6	DUP-20250522	102	99	104	99
LCS 480-747052/6	Lab Control Sample	97	99	99	98
MB 480-747052/8	Method Blank	101	101	103	100

Surrogate Legend

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

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

Matrix: WQ

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	DBFM (75-123)	TOL (80-120)
480-229632-5	TRIP BLANK	100	100	103	99

Surrogate Legend

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

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (53-126)	NBZ (29-129)	TPHd14 (33-132)
480-229632-1	MW-4	87	76	81
480-229632-1 MS	MW-4	93	90	65
480-229632-1 MSD	MW-4	91	90	66

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Surrogate Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

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

Matrix: Ground Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	FBP (53-126)	NBZ (29-129)	TPHd14 (33-132)
480-229632-2	MW-12	92	80	71
480-229632-3	MW-14	84	75	78
480-229632-4	MW-15	90	77	66

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	FBP (53-126)	NBZ (29-129)	TPHd14 (33-132)
480-229632-6	DUP-20250522	106	92	69
LCS 480-747111/2-A	Lab Control Sample	82	81	81
MB 480-747111/1-A	Method Blank	91	82	102

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

QC Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

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

Lab Sample ID: MB 480-747052/8
Matrix: Water
Analysis Batch: 747052

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		1.0	0.41	ug/L			05/25/25 00:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 00:22	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 00:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 00:22	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		05/25/25 00:22	1
4-Bromofluorobenzene (Surr)	101		73 - 120		05/25/25 00:22	1
Dibromofluoromethane (Surr)	103		75 - 123		05/25/25 00:22	1
Toluene-d8 (Surr)	100		80 - 120		05/25/25 00:22	1

Lab Sample ID: LCS 480-747052/6
Matrix: Water
Analysis Batch: 747052

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	25.0	23.9		ug/L		96	71 - 124
Ethylbenzene	25.0	24.1		ug/L		97	77 - 123
Toluene	25.0	24.1		ug/L		96	80 - 122
Xylenes, Total	50.0	48.8		ug/L		98	76 - 122

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	99		75 - 123
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: 480-229632-1 MS
Matrix: Ground Water
Analysis Batch: 747052

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Benzene	ND		25.0	29.0		ug/L		116	71 - 124
Ethylbenzene	ND		25.0	29.3		ug/L		117	77 - 123
Toluene	ND		25.0	29.4		ug/L		118	80 - 122
Xylenes, Total	ND		50.0	57.9		ug/L		116	76 - 122

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Dibromofluoromethane (Surr)	100		75 - 123
Toluene-d8 (Surr)	99		80 - 120

QC Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

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

Lab Sample ID: 480-229632-1 MSD
Matrix: Ground Water
Analysis Batch: 747052

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		25.0	28.5		ug/L		114	71 - 124	2	13
Ethylbenzene	ND		25.0	29.3		ug/L		117	77 - 123	0	15
Toluene	ND		25.0	28.9		ug/L		116	80 - 122	2	15
Xylenes, Total	ND		50.0	58.8		ug/L		118	76 - 122	2	16

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Dibromofluoromethane (Surr)	101		75 - 123
Toluene-d8 (Surr)	98		80 - 120

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

Lab Sample ID: MB 480-747111/1-A
Matrix: Water
Analysis Batch: 747217

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747111

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		05/27/25 09:05	05/28/25 11:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/25 09:05	05/28/25 11:44	1
Anthracene	ND		5.0	0.28	ug/L		05/27/25 09:05	05/28/25 11:44	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 11:44	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 11:44	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 11:44	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/27/25 09:05	05/28/25 11:44	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/27/25 09:05	05/28/25 11:44	1
Chrysene	ND		5.0	0.33	ug/L		05/27/25 09:05	05/28/25 11:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/25 09:05	05/28/25 11:44	1
Fluoranthene	ND		5.0	0.40	ug/L		05/27/25 09:05	05/28/25 11:44	1
Fluorene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 11:44	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 11:44	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/25 09:05	05/28/25 11:44	1
Phenanthrene	ND		5.0	0.44	ug/L		05/27/25 09:05	05/28/25 11:44	1
Pyrene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 11:44	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	91		53 - 126	05/27/25 09:05	05/28/25 11:44	1
Nitrobenzene-d5 (Surr)	82		29 - 129	05/27/25 09:05	05/28/25 11:44	1
p-Terphenyl-d14 (Surr)	102		33 - 132	05/27/25 09:05	05/28/25 11:44	1

Lab Sample ID: LCS 480-747111/2-A
Matrix: Water
Analysis Batch: 747217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	28.6		ug/L		89	60 - 120
Acenaphthylene	32.0	27.2		ug/L		85	63 - 120
Anthracene	32.0	31.6		ug/L		99	67 - 120

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QC Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

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

Lab Sample ID: LCS 480-747111/2-A
Matrix: Water
Analysis Batch: 747217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	32.0	28.9		ug/L		90	70 - 121
Benzo[a]pyrene	32.0	29.1		ug/L		91	60 - 123
Benzo[b]fluoranthene	32.0	29.2		ug/L		91	66 - 126
Benzo[g,h,i]perylene	32.0	29.4		ug/L		92	66 - 150
Benzo[k]fluoranthene	32.0	30.7		ug/L		96	65 - 124
Chrysene	32.0	29.8		ug/L		93	69 - 120
Dibenz(a,h)anthracene	32.0	28.6		ug/L		90	65 - 135
Fluoranthene	32.0	32.2		ug/L		101	69 - 126
Fluorene	32.0	30.4		ug/L		95	66 - 120
Indeno[1,2,3-cd]pyrene	32.0	29.0		ug/L		91	69 - 146
Naphthalene	32.0	25.7		ug/L		80	57 - 120
Phenanthrene	32.0	30.6		ug/L		96	68 - 120
Pyrene	32.0	29.9		ug/L		93	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
2-Fluorobiphenyl (Surr)	82		53 - 126
Nitrobenzene-d5 (Surr)	81		29 - 129
p-Terphenyl-d14 (Surr)	81		33 - 132

Lab Sample ID: 480-229632-1 MS
Matrix: Ground Water
Analysis Batch: 747217

Client Sample ID: MW-4
Prep Type: Total/NA
Prep Batch: 747111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	0.83	J	32.0	32.8		ug/L		100	48 - 120
Acenaphthylene	ND		32.0	29.9		ug/L		93	63 - 120
Anthracene	ND		32.0	34.0		ug/L		106	65 - 122
Benzo[a]anthracene	ND		32.0	30.0		ug/L		94	43 - 124
Benzo[a]pyrene	ND		32.0	26.5		ug/L		83	23 - 125
Benzo[b]fluoranthene	ND		32.0	26.6		ug/L		83	27 - 127
Benzo[g,h,i]perylene	ND		32.0	26.3		ug/L		82	16 - 147
Benzo[k]fluoranthene	ND		32.0	28.1		ug/L		88	20 - 124
Chrysene	ND		32.0	29.2		ug/L		91	44 - 122
Dibenz(a,h)anthracene	ND		32.0	26.2		ug/L		82	16 - 139
Fluoranthene	1.1	J	32.0	36.7		ug/L		111	63 - 129
Fluorene	0.53	J	32.0	34.8		ug/L		107	62 - 120
Indeno[1,2,3-cd]pyrene	ND		32.0	26.1		ug/L		82	16 - 140
Naphthalene	ND		32.0	27.8		ug/L		87	45 - 120
Phenanthrene	ND		32.0	36.6		ug/L		114	65 - 122
Pyrene	1.4	J	32.0	34.7		ug/L		104	58 - 128

Surrogate	MS %Recovery	MS Qualifier	MS Limits
2-Fluorobiphenyl (Surr)	93		53 - 126
Nitrobenzene-d5 (Surr)	90		29 - 129
p-Terphenyl-d14 (Surr)	65		33 - 132

QC Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 480-746994/1-A
Matrix: Water
Analysis Batch: 747306

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.020	0.010	mg/L		05/27/25 09:13	05/28/25 15:19	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/25 09:13	05/28/25 15:19	1
Zinc	ND	^5-	0.010	0.0015	mg/L		05/27/25 09:13	05/28/25 15:19	1

Lab Sample ID: LCS 480-746994/2-A
Matrix: Water
Analysis Batch: 747306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aluminum	5.10	5.20		mg/L		102	80 - 120
Antimony	0.500	0.491		mg/L		98	80 - 120
Arsenic	1.00	1.00		mg/L		100	80 - 120
Barium	1.00	1.04		mg/L		104	80 - 120
Beryllium	0.496	0.539	^5-	mg/L		109	80 - 120
Cadmium	0.500	0.481		mg/L		96	80 - 120
Calcium	25.0	25.33		mg/L		101	80 - 120
Chromium	0.500	0.508		mg/L		102	80 - 120
Cobalt	0.500	0.483		mg/L		97	80 - 120
Copper	0.500	0.481		mg/L		96	80 - 120
Iron	5.10	5.60		mg/L		110	80 - 120
Lead	0.500	0.505		mg/L		101	80 - 120
Magnesium	25.0	25.67		mg/L		103	80 - 120
Manganese	0.500	0.504		mg/L		101	80 - 120
Nickel	0.500	0.519	^5-	mg/L		104	80 - 120
Potassium	25.0	25.26		mg/L		101	80 - 120
Selenium	1.00	0.991		mg/L		99	80 - 120
Silver	0.0500	0.0485	^5-	mg/L		97	80 - 120
Sodium	25.0	25.43		mg/L		102	80 - 120
Thallium	1.00	1.01		mg/L		101	80 - 120
Vanadium	0.500	0.507		mg/L		101	80 - 120
Zinc	0.500	0.517	^5-	mg/L		103	80 - 120

Lab Sample ID: 480-229632-1 MS
Matrix: Ground Water
Analysis Batch: 747306

Client Sample ID: MW-4
Prep Type: Total/NA
Prep Batch: 746994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aluminum	ND		5.10	5.15		mg/L		101	75 - 125
Antimony	ND		0.500	0.497		mg/L		99	75 - 125
Arsenic	ND		1.00	1.00		mg/L		100	75 - 125
Barium	0.23		1.00	1.24		mg/L		101	75 - 125
Beryllium	ND	^5-	0.496	0.529	^5-	mg/L		107	75 - 125
Cadmium	ND		0.500	0.484		mg/L		97	75 - 125
Calcium	165		25.0	191.1	4	mg/L		105	75 - 125
Chromium	ND		0.500	0.493		mg/L		99	75 - 125
Cobalt	ND		0.500	0.481		mg/L		96	75 - 125
Copper	ND		0.500	0.486		mg/L		97	75 - 125
Iron	22.8	B	5.10	27.98	4	mg/L		102	75 - 125
Lead	ND		0.500	0.513		mg/L		103	75 - 125

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QC Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 480-229632-1 MS
Matrix: Ground Water
Analysis Batch: 747306

Client Sample ID: MW-4
Prep Type: Total/NA
Prep Batch: 746994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	31.2		25.0	57.33		mg/L		105	75 - 125
Manganese	0.92	B	0.500	1.42		mg/L		101	75 - 125
Nickel	ND	^5-	0.500	0.499	^5-	mg/L		100	75 - 125
Potassium	6.6		25.0	32.04		mg/L		102	75 - 125
Selenium	ND		1.00	1.03		mg/L		103	75 - 125
Silver	ND	^5-	0.0500	0.0493	^5-	mg/L		99	75 - 125
Sodium	36.2		25.0	62.29		mg/L		104	75 - 125
Thallium	ND		1.00	1.01		mg/L		101	75 - 125
Vanadium	ND		0.500	0.498		mg/L		100	75 - 125
Zinc	0.087	^5-	0.500	0.564	^5-	mg/L		95	75 - 125

Lab Sample ID: 480-229632-1 MSD
Matrix: Ground Water
Analysis Batch: 747306

Client Sample ID: MW-4
Prep Type: Total/NA
Prep Batch: 746994

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	ND		5.10	5.24		mg/L		103	75 - 125	2	20
Antimony	ND		0.500	0.496		mg/L		99	75 - 125	0	20
Arsenic	ND		1.00	0.997		mg/L		100	75 - 125	1	20
Barium	0.23		1.00	1.27		mg/L		104	75 - 125	2	20
Beryllium	ND	^5-	0.496	0.529	^5-	mg/L		107	75 - 125	0	20
Cadmium	ND		0.500	0.481		mg/L		96	75 - 125	1	20
Calcium	165		25.0	190.6	4	mg/L		103	75 - 125	0	20
Chromium	ND		0.500	0.493		mg/L		99	75 - 125	0	20
Cobalt	ND		0.500	0.482		mg/L		96	75 - 125	0	20
Copper	ND		0.500	0.492		mg/L		98	75 - 125	1	20
Iron	22.8	B	5.10	28.25	4	mg/L		108	75 - 125	1	20
Lead	ND		0.500	0.508		mg/L		102	75 - 125	1	20
Magnesium	31.2		25.0	57.26		mg/L		104	75 - 125	0	20
Manganese	0.92	B	0.500	1.42		mg/L		100	75 - 125	0	20
Nickel	ND	^5-	0.500	0.499	^5-	mg/L		100	75 - 125	0	20
Potassium	6.6		25.0	32.51		mg/L		104	75 - 125	1	20
Selenium	ND		1.00	0.973		mg/L		97	75 - 125	5	20
Silver	ND	^5-	0.0500	0.0490	^5-	mg/L		98	75 - 125	1	20
Sodium	36.2		25.0	62.67		mg/L		106	75 - 125	1	20
Thallium	ND		1.00	1.00		mg/L		100	75 - 125	0	20
Vanadium	ND		0.500	0.500		mg/L		100	75 - 125	0	20
Zinc	0.087	^5-	0.500	0.553	^5-	mg/L		93	75 - 125	2	20

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

Lab Sample ID: MB 480-747292/103
Matrix: Water
Analysis Batch: 747292

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00610	J	0.010	0.0041	mg/L			05/27/25 23:35	1

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QC Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

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

Lab Sample ID: MB 480-747292/47
Matrix: Water
Analysis Batch: 747292

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00420	J	0.010	0.0041	mg/L			05/27/25 20:28	1

Lab Sample ID: MB 480-747292/75
Matrix: Water
Analysis Batch: 747292

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00500	J	0.010	0.0041	mg/L			05/27/25 22:02	1

Lab Sample ID: HLCS 480-747292/22
Matrix: Water
Analysis Batch: 747292

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	0.404		mg/L		101	90 - 110

Lab Sample ID: LCS 480-747292/104
Matrix: Water
Analysis Batch: 747292

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	0.254		mg/L		102	90 - 110

Lab Sample ID: LCS 480-747292/48
Matrix: Water
Analysis Batch: 747292

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 480-747292/76
Matrix: Water
Analysis Batch: 747292

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	0.253		mg/L		101	90 - 110

Lab Sample ID: 480-229632-1 MS
Matrix: Ground Water
Analysis Batch: 747292

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.015	B	0.100	0.108		mg/L		93	90 - 110

Lab Sample ID: 480-229632-1 MSD
Matrix: Ground Water
Analysis Batch: 747292

Client Sample ID: MW-4
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	0.015	B	0.100	0.110		mg/L		96	90 - 110	2	15

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QC Sample Results

Client: New York State Electric & Gas
 Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

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

Lab Sample ID: 480-229632-3 MS
Matrix: Ground Water
Analysis Batch: 747292

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		0.100	0.0996		mg/L		100	90 - 110

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

QC Association Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

GC/MS VOA

Analysis Batch: 747052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229632-1	MW-4	Total/NA	Ground Water	8260C	
480-229632-2	MW-12	Total/NA	Ground Water	8260C	
480-229632-3	MW-14	Total/NA	Ground Water	8260C	
480-229632-4	MW-15	Total/NA	Ground Water	8260C	
480-229632-5	TRIP BLANK	Total/NA	WQ	8260C	
480-229632-6	DUP-20250522	Total/NA	Water	8260C	
MB 480-747052/8	Method Blank	Total/NA	Water	8260C	
LCS 480-747052/6	Lab Control Sample	Total/NA	Water	8260C	
480-229632-1 MS	MW-4	Total/NA	Ground Water	8260C	
480-229632-1 MSD	MW-4	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 747111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229632-1	MW-4	Total/NA	Ground Water	3510C	
480-229632-2	MW-12	Total/NA	Ground Water	3510C	
480-229632-3	MW-14	Total/NA	Ground Water	3510C	
480-229632-4	MW-15	Total/NA	Ground Water	3510C	
480-229632-6	DUP-20250522	Total/NA	Water	3510C	
MB 480-747111/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-747111/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-229632-1 MS	MW-4	Total/NA	Ground Water	3510C	
480-229632-1 MSD	MW-4	Total/NA	Ground Water	3510C	

Analysis Batch: 747217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229632-1	MW-4	Total/NA	Ground Water	8270D	747111
480-229632-2	MW-12	Total/NA	Ground Water	8270D	747111
480-229632-3	MW-14	Total/NA	Ground Water	8270D	747111
480-229632-4	MW-15	Total/NA	Ground Water	8270D	747111
480-229632-6	DUP-20250522	Total/NA	Water	8270D	747111
MB 480-747111/1-A	Method Blank	Total/NA	Water	8270D	747111
LCS 480-747111/2-A	Lab Control Sample	Total/NA	Water	8270D	747111
480-229632-1 MS	MW-4	Total/NA	Ground Water	8270D	747111
480-229632-1 MSD	MW-4	Total/NA	Ground Water	8270D	747111

Metals

Prep Batch: 746994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229632-1	MW-4	Total/NA	Ground Water	3005A	
480-229632-2	MW-12	Total/NA	Ground Water	3005A	
480-229632-3	MW-14	Total/NA	Ground Water	3005A	
480-229632-4	MW-15	Total/NA	Ground Water	3005A	
480-229632-6	DUP-20250522	Total/NA	Water	3005A	
MB 480-746994/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-746994/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-229632-1 MS	MW-4	Total/NA	Ground Water	3005A	
480-229632-1 MSD	MW-4	Total/NA	Ground Water	3005A	

QC Association Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Metals

Analysis Batch: 747306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229632-1	MW-4	Total/NA	Ground Water	6010D	746994
480-229632-2	MW-12	Total/NA	Ground Water	6010D	746994
480-229632-3	MW-14	Total/NA	Ground Water	6010D	746994
480-229632-4	MW-15	Total/NA	Ground Water	6010D	746994
480-229632-6	DUP-20250522	Total/NA	Water	6010D	746994
MB 480-746994/1-A	Method Blank	Total/NA	Water	6010D	746994
LCS 480-746994/2-A	Lab Control Sample	Total/NA	Water	6010D	746994
480-229632-1 MS	MW-4	Total/NA	Ground Water	6010D	746994
480-229632-1 MSD	MW-4	Total/NA	Ground Water	6010D	746994

General Chemistry

Analysis Batch: 747292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229632-1	MW-4	Total/NA	Ground Water	9012B	
480-229632-2	MW-12	Total/NA	Ground Water	9012B	
480-229632-3	MW-14	Total/NA	Ground Water	9012B	
480-229632-4	MW-15	Total/NA	Ground Water	9012B	
480-229632-6	DUP-20250522	Total/NA	Water	9012B	
MB 480-747292/103	Method Blank	Total/NA	Water	9012B	
MB 480-747292/47	Method Blank	Total/NA	Water	9012B	
MB 480-747292/75	Method Blank	Total/NA	Water	9012B	
HLCS 480-747292/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-747292/104	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-747292/48	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-747292/76	Lab Control Sample	Total/NA	Water	9012B	
480-229632-1 MS	MW-4	Total/NA	Ground Water	9012B	
480-229632-1 MSD	MW-4	Total/NA	Ground Water	9012B	
480-229632-3 MS	MW-14	Total/NA	Ground Water	9012B	

Lab Chronicle

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-4

Date Collected: 05/22/25 11:20

Date Received: 05/22/25 16:11

Lab Sample ID: 480-229632-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	747052	AXK	EET BUF	05/25/25 00:45
Total/NA	Prep	3510C			747111	JMP	EET BUF	05/27/25 09:05
Total/NA	Analysis	8270D		1	747217	JMM	EET BUF	05/28/25 14:59
Total/NA	Prep	3005A			746994	EMO	EET BUF	05/27/25 09:13
Total/NA	Analysis	6010D		1	747306	BMB	EET BUF	05/28/25 15:26
Total/NA	Analysis	9012B		1	747292	GW	EET BUF	05/27/25 22:49

Client Sample ID: MW-12

Date Collected: 05/22/25 12:55

Date Received: 05/22/25 16:11

Lab Sample ID: 480-229632-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	747052	AXK	EET BUF	05/25/25 01:07
Total/NA	Prep	3510C			747111	JMP	EET BUF	05/27/25 09:05
Total/NA	Analysis	8270D		1	747217	JMM	EET BUF	05/28/25 15:54
Total/NA	Prep	3005A			746994	EMO	EET BUF	05/27/25 09:13
Total/NA	Analysis	6010D		1	747306	BMB	EET BUF	05/28/25 15:46
Total/NA	Analysis	9012B		1	747292	GW	EET BUF	05/27/25 23:18

Client Sample ID: MW-14

Date Collected: 05/22/25 11:40

Date Received: 05/22/25 16:11

Lab Sample ID: 480-229632-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	747052	AXK	EET BUF	05/25/25 01:29
Total/NA	Prep	3510C			747111	JMP	EET BUF	05/27/25 09:05
Total/NA	Analysis	8270D		1	747217	JMM	EET BUF	05/28/25 16:22
Total/NA	Prep	3005A			746994	EMO	EET BUF	05/27/25 09:13
Total/NA	Analysis	6010D		1	747306	BMB	EET BUF	05/28/25 15:48
Total/NA	Analysis	9012B		1	747292	GW	EET BUF	05/27/25 23:41

Client Sample ID: MW-15

Date Collected: 05/22/25 13:15

Date Received: 05/22/25 16:11

Lab Sample ID: 480-229632-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	747052	AXK	EET BUF	05/25/25 01:51
Total/NA	Prep	3510C			747111	JMP	EET BUF	05/27/25 09:05
Total/NA	Analysis	8270D		1	747217	JMM	EET BUF	05/28/25 16:50
Total/NA	Prep	3005A			746994	EMO	EET BUF	05/27/25 09:13
Total/NA	Analysis	6010D		1	747306	BMB	EET BUF	05/28/25 15:49
Total/NA	Analysis	9012B		1	747292	GW	EET BUF	05/27/25 23:48

Lab Chronicle

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-229632-5

Date Collected: 05/22/25 00:00

Matrix: WQ

Date Received: 05/22/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	747052	AXK	EET BUF	05/25/25 02:14

Client Sample ID: DUP-20250522

Lab Sample ID: 480-229632-6

Date Collected: 05/22/25 00:00

Matrix: Water

Date Received: 05/22/25 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	747052	AXK	EET BUF	05/25/25 02:36
Total/NA	Prep	3510C			747111	JMP	EET BUF	05/27/25 09:05
Total/NA	Analysis	8270D		1	747217	JMM	EET BUF	05/28/25 17:18
Total/NA	Prep	3005A			746994	EMO	EET BUF	05/27/25 09:13
Total/NA	Analysis	6010D		1	747306	BMB	EET BUF	05/28/25 15:51
Total/NA	Analysis	9012B		1	747292	GW	EET BUF	05/27/25 23:51

Laboratory References:

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

Accreditation/Certification Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	05-28-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010D	Metals (ICP)	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable	SW846	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
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



Sample Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-229632-1	MW-4	Ground Water	05/22/25 11:20	05/22/25 16:11
480-229632-2	MW-12	Ground Water	05/22/25 12:55	05/22/25 16:11
480-229632-3	MW-14	Ground Water	05/22/25 11:40	05/22/25 16:11
480-229632-4	MW-15	Ground Water	05/22/25 13:15	05/22/25 16:11
480-229632-5	TRIP BLANK	WQ	05/22/25 00:00	05/22/25 16:11
480-229632-6	DUP-20250522	Water	05/22/25 00:00	05/22/25 16:11

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Client Information		Sampler: ATS, KCF		Lab P/M: Schove, John R		Carrier Tracking No(s): 480-204310-41503.1	
Client Contact: Mr. John Ruspantini		Phone: 716-909-9063		E-Mail: John.Schove@et.eurofins.com		Page: Page 1 of 1	
Company: New York Slate Electric & Gas		Address: 18 Link Drive		City: Binghamton		State of Origin: NY	
State, Zip: NY, 13902		Phone: _____		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		Preservation Codes: B - NaOH N - None D - HNO3 A - HCL	
Purchase Order Requested: _____		PO #: _____		WO #: _____		Other: _____	
Project Name: NYSEG - Clyde/ John Ruspantini		Project #: 48028408		SOW#: _____		Total Number of Containers: 18	
Site: New York		Event Desc: Groundwater		Special Instructions/Note: _____		Special Instructions/Note: _____	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Sewage, Oil, etc.)	Field Filtered Sample (Yes or No)				Perform MSMSD (Yes or No)				Special Instructions/Note
					B	N	D	A	B	N	D	A	
MW-4	5/22/25	1120	G	Water	N	Y	X	X	X	X	X	X	
MW-12	5/22/25	1255	G	Water	N	N	X	X	X	X	X	X	
MW-14	5/22/25	1140	G	Water	N	N	X	X	X	X	X	X	
MW-15	5/22/25	1315	G	Water	N	N	X	X	X	X	X	X	
Dup-20250522	5/22/25	---	G	Water	N	N	X	X	X	X	X	X	
TRIP BLANK	5/22/25	---	G	Water	N	N							



480-229632 Chain of Custody

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify) _____		Special Instructions/QC Requirements: _____	
Empty Kit Relinquished by: _____ Date: _____		Method of Shipment: _____	
Relinquished by: <i>John Schove</i>		Received by: <i>ATS</i>	
Relinquished by: _____		Received by: _____	
Relinquished by: _____		Received by: _____	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperatures: 8.0, 1.1, 18.5, 5.0, 1.0	



Login Sample Receipt Checklist

Client: New York State Electric & Gas

Job Number: 480-229632-1

Login Number: 229632

List Number: 1

Creator: Yeager, Brian A

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	8.0 1.1 ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ARCADIS
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Attachment 3

Data Usability Summary Reports

NYSEG – Clyde
Groundwater

Data Usability Summary Report

Clyde, New York

Volatile Organic Compound (VOC), Semi-volatile Organic Compound (SVOC), Metals and Cyanide Analyses

SDG # 480-229632-1

Analyses Performed By:
Eurofins Buffalo
Amherst, New York

Report # 59504R
Review Level: Tier III
Project: 30270811.2

Summary

This Data Usability Summary Report (DUSR) summarizes the review of Sample Delivery Group (SDG)# 480-229632-1 for samples collected in association with the NYSEG Clyde, New York site. The review was conducted as a Tier III evaluation and included review of data package completeness. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis			
					VOC	SVOC	Metals	CYANIDE
MW-4	480-229632-1	Water	05/22/2025		X	X	X	X
MW-12	480-229632-2	Water	05/22/2025		X	X	X	X
MW-14	480-229632-3	Water	05/22/2025		X	X	X	X
MW-15	480-229632-4	Water	05/22/2025		X	X	X	X
TRIP BLANK	480-229632-5	Water	05/22/2025		X			
DUP-20250522	480-229632-6	Water	05/22/2025	MW-4	X	X	X	X

Notes:

VOC = Volatile Organic Compounds

SVOC = Semi-volatile Organic Compounds

Analytical Data Package Documentation

The table below evaluates the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed chain-of-custody form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data package completeness and compliance		X		X	

Note:

QA = quality assurance

Organic Analysis Introduction

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260C and 8270D. Data were reviewed in accordance with USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005, November 2020 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999), as appropriate and applicable Region II SOPs. USEPA NFGs and Region II SOPs were followed for qualification purposes.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
 - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
 - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers
 - E The compound was quantitated above the calibration range.
 - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers
 - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
 - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
 - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
 - UB Compound is considered non-detect at the listed value due to associated blank contamination.
 - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
 - R The sample results are rejected.

The "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Volatile Organic Compounds (VOCs) Analyses

1. Holding Times/Preservation

The specified holding times for the following methods are presented in the table below.

Method	Matrix	Holding Time	Preservation
SW-846 8260C	Water	14 days from collection to analysis (preserved)	Cool to <6 °C; preserved to a pH of less than 2 s.u. with hydrochloric acid.

Note:

s.u. = standard units

All samples were analyzed within the specified holding times.

2. Blank Contamination

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

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (20%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

All compounds associated with the initial calibrations were within the specified control limits.

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits.

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits

6. Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis performed on sample MW-4. The MS/MSD analysis exhibited recoveries and RPDs within the control limits.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

The LCS analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the

field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compounds	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
MW-4 / DUP-20250522	All compounds	U	U	AC

Notes:

U Non detected
AC Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist for VOCs

VOCs: SW-846 8260C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times/Preservation		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks/Field Blanks	X				X
C. Trip blanks		X		X	
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X		X	
Initial calibration %Ds		X		X	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X		X	
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	

Data Usability Summary Report

VOCs: SW-846 8260C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:

%RSD = Relative standard deviation

%R = Percent recovery

RPD = Relative percent difference

%D = Percent difference

Semi-volatile Organic Compounds (SVOCs) Analyses

1. Holding Times/Preservation

The specified holding times for the following methods are presented in the table below.

Method	Matrix	Holding Time	Preservation
SW-846 8270D	Water	7 days from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criterion.

2. Blank Contamination

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

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock. System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (20%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

All compounds associated with the initial calibrations were within the specified control limits.

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits.

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. SVOC analysis requires that two of the three SVOC surrogate compounds within each fraction exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on samples where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis performed on sample MW-4. The MS/MSD analysis exhibited recoveries and RPDs within the control limits.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

The LCS analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices and 50% for soil matrices is applied to the RPD between the

parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compounds	Sample Result (ug/L)	Duplicate Result (ug/Kg)	RPD
MW-4 / DUP-20250522	Acenaphthene	0.83 J	1.0 J	AC
	Fluoranthene	1.1 J	1.2 J	AC
	Fluorene	0.53 J	0.64 J	AC
	Phenanthrene	5.0 U	0.45 J	AC
	Pyrene	1.4 J	1.6 J	AC

Notes:

U Non detected
 AC Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist for SVOCs

SVOCs: SW-846 8270D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times/Preservation		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks/Field blanks	X				X
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X		X	
Initial calibration %Ds		X		X	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X		X	
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	

Data Usability Summary Report

SVOCs: SW-846 8270D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:

- %RSD Relative standard deviation
- %R Percent recovery
- RPD Relative percent difference
- %D Percent difference

Inorganic Analysis Introduction

Analyses were performed according to United States Environmental Protection Agency USEPA Methods 6010D and 9012B. Data were reviewed in accordance with USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, EPA 542-R-20-006, November 2020 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, EPA 540-R-04-004, October 2004), as appropriate.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and that it was already subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with the USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
 - U The analyte was analyzed for but not detected. The associated value is the analyte instrument detection limit.
 - J The reported value was obtained from a reading less than the reporting limit (RL), but greater than or equal to the method detection limit (MDL).
- Quantitation (Q) Qualifiers
 - E The compound was quantitated above the calibration range.
 - N Spiked sample recovery is not within control limits.
 - * Duplicate analysis is not within control limits.
- Validation Qualifiers
 - J The analyte was positively identified; however, the associated numerical value is an estimated concentration only.
 - UJ The analyte was not detected above the reporting limit. However, the reported limit is approximate and may or may not represent the actual limit of detection.
 - UB Analyte considered non-detect at the listed value due to associated blank contamination.
 - R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Metals Analyses

1. Holding Times/Preservation

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 6010D	Water	180 days from collection to analysis	Cool to <6 °C.

All samples were analyzed within the specified holding times.

2. Blank Contamination

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

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank is calculated for QA blanks containing concentrations greater than the detection limit (DL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Analytes was detected in the associated instrument blank and method blank; however, the associated sample results were greater than the BAL. Therefore, sample results greater than the BAL resulted in the removal of the laboratory qualifier (B). No other qualification of the sample results was required.

3. Calibration

Satisfactory instrument calibration is established to provide that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument's continuing performance is satisfactory.

3.1 Initial Calibration and Continuing Calibration

The correct number and type of standards were analyzed. The correlation coefficient of the initial calibration was greater than 0.995 for all non-ICP analytes and all initial calibration verification standard recoveries were within control limits.

All initial and continuing calibration verification standard recoveries were within the control limit.

3.2 RL Check Standard

The RL check standard serves to verify the linearity of calibration of the analysis at the reporting limit. The RL standard is not required for the analysis of aluminum (Al), barium (Ba), calcium (Ca), iron (Fe), magnesium (Mg), sodium (Na), and potassium (K). The criteria used to evaluate the RL standard analysis are presented below in the RL standards evaluation table (if applicable).

All RL standard recoveries were within control limits.

3.3 ICP Interference Control Sample (ICS)

The ICS verifies the laboratories interelement and background correction factors.

All ICS exhibited recoveries within the control limits.

4. Matrix Spike (MS)/Matrix Spike Duplicate (MSD)/Laboratory Duplicate Analysis

MS/MSD and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

4.1 MS/MSD Analysis

All analytes must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory flag will be removed.

The MS/MSD analysis performed on sample MW-4. The MS/MSD analysis exhibited recoveries and RPDs within the control limits.

4.2 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the RL. A control limit of 20% for water matrices and 35% for soil matrix is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of one time the RL is applied for water matrices and two times the RL for soil matrix.

The laboratory duplicate analysis was not performed on any of the sample from this SDG.

5. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices and 50% for soil matrix is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices or three times the RL is applied for soil matrix.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Analytes	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
MW-4 / DUP-20250522	Barium	0.23	0.23	0.0%
	Calcium	165	164	0.6%
	Iron	22.8	22.9	0.4%
	Magnesium	31.2	31.3	0.3%
	Manganese	0.92	0.91	1.1%

Sample ID/Duplicate ID	Analytes	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
	Potassium	6.6	6.5	1.5%
	Sodium	36.2	36.5	0.8%
	Zinc	0.087	0.071	20.3%

Note:

AC Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

6. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The analytes associated with the LCS analysis must exhibit a percent recovery between the control limits of 80% and 120%.

The LCS analysis exhibited recoveries within the control limits.

7. Serial Dilution

The serial dilution analysis is used to assess if a significant physical or chemical interference exists due to sample matrix. Analytes exhibiting concentrations greater than 50 times the MDL in the undiluted sample are evaluated to determine if matrix interference exists. These analytes are required to have less than a 10% difference (%D) between sample results from the undiluted (parent) sample and results associated with the same sample analyzed with a five-fold dilution.

The serial dilution analysis was not performed on the samples from this SDG.

8. System Performance and Overall Assessment

The linear range check (LRC) standard recovery was outside the acceptance criteria for the following analytes: total Beryllium, Nickel, Silver and Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported. The analytes listed above for samples MW-4, MW-12, MW-14, MW-15 and DUP-20250522 were qualified as estimated (UJ/J).

Overall system performance was acceptable. Other than those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist for Metals

METALS: SW-846 6010D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES)					
Tier II Validation					
Holding Times/Preservation		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Instrument Blanks		X	X		
B. Method Blanks		X	X		
C. Equipment / Field Blanks	X				X
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)		X		X	
ICP Serial Dilution %D	X				X
Reporting Limit Verification		X		X	
Tier III Validation					
Initial Calibration Verification		X		X	
Continuing Calibration Verification		X		X	
CRDL Standard Recovery		X		X	
ICP Interference Check		X		X	
ICP-MS Internal Standards	X				X
Transcription/calculations acceptable	Not required for Tier II plus calibration				
Raw Data	X				X
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:

- %R Percent recovery
- RPD Relative percent difference
- %D Percent difference

General Chemistry Analyses

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
Total Cyanide by SW-846 9012B	Water	14 days from collection to analysis	Cool to <6 °C; preserved to a pH of greater than 12 with NaOH.

All samples were analyzed within the specified holding times.

2. Blank Contamination

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

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample ID	Analyte	Sample Result	Qualification
MW-4 DUP-20250522	Cyanide, Total (MB, IB)	Detected sample results >RL and <BAL	"UB" at detected sample concentration

Notes:

MB Method blank
IB Instrument blank

3. Calibration

Satisfactory instrument calibration is established to provide that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument's continuing performance is satisfactory.

3.1 Initial Calibration and Continuing Calibration

The correct number and type of standards were analyzed. The correlation coefficient of the initial calibration was greater than 0.995 for all non-ICP analytes and all initial calibration verification standard recoveries were within control limits.

All initial and continuing calibration verification standard recoveries were within the control limit.

4. Matrix Spike (MS)/Matrix Spike Duplicate (MSD)/Laboratory Duplicate Analysis

MS/MSD and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

4.1 MS/MSD Analysis

All analytes must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory flag will be removed.

The MS/MSD analysis performed on sample MW-4. The MS/MSD analysis exhibited recoveries and RPDs within the control limits.

4.2 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the RL. A control limit of 20% for water matrices and 35% for soil matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of one time the RL is applied for water matrices and two times the RL for soil matrices.

The laboratory duplicate analysis was not performed on samples from this SDG.

5. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
MW-4 / DUP-20250522	Cyanide (total)	0.015	0.014	AC

Note:

AC Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

6. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The analytes associated with the LCS analysis must exhibit a percent recovery between the control limits of 80% and 120%.

The LCS analysis exhibited recoveries within the control limits.

7. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist for General Chemistry

General Chemistry: SW-846 9012B	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier II Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Instrument Blanks		X	X		
B. Method Blanks		X	X		
C. Equipment/Field Blanks	X				X
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Tier III Validation					
Initial Calibration Verification		X		X	
Continuing Calibration Verification		X		X	
Transcription/calculations acceptable		X		X	
Raw Data		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:

%R Percent recovery

RPD Relative percent difference

SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliance ¹				Noncompliance
					VOC	SVOC	METALS	CYANIDE	
480-229632-1	05/22/2025	SW846	MW-4	Water	Yes	Yes	No	No	Metals – Linear Range Check General Chemistry - Blank contamination
	05/22/2025	SW846	MW-12	Water	Yes	Yes	No	Yes	Metals – Linear Range Check
	05/22/2025	SW846	MW-14	Water	Yes	Yes	No	Yes	Metals – Linear Range Check
	05/22/2025	SW846	MW-15	Water	Yes	Yes	No	Yes	Metals – Linear Range Check
	05/22/2025	SW846	TRIP BLANK	Water	Yes	--	--	--	--
	05/22/2025	SW846	DUP-20250522	Water	Yes	Yes	No	No	Metals – Linear Range Check General Chemistry - Blank contamination

Note:

- 1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant, or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable

Data Usability Summary Report

VALIDATION PERFORMED BY: Amrutha M

SIGNATURE:

A handwritten signature in black ink that reads "Amrutha.M" with a small smiley face drawn below the "M".

DATE: June 9, 2025

PEER REVIEW: Joe Houser

DATE: June 9, 2025

Chain of Custody Corrected Sample Analysis Data Sheets

Definitions/Glossary

Client: New York State Electric & Gas
 Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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.

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.

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

Chain of Custody Record

Client Information		Sampler: AJS, KCF		Lab PM: Schove, John R		Carrier Tracking No(s): Drop off		COC No: 480-204310-41503.1																																		
Client Contact: Mr. John Ruspantini		Phone: 716-909-9063		E-Mail: John.Schove@et.eurofinsus.com		State of Origin: NY		Page 1 of 1																																		
Company: New York State Electric & Gas		PWSID:		Analysis Requested						Job #:																																
Address: 18 Link Drive		Due Date Requested:		<table border="1"> <tr> <td rowspan="6">Field Filtered Sample (Yes or No)</td> <td rowspan="6">Perform MS/MSD (Yes or No)</td> <td rowspan="6">9012B, NP - Cyanide, Total</td> <td rowspan="6">8270D - PAH Semivolatiles</td> <td rowspan="6">6010D, 7470A</td> <td rowspan="6">8260C - BTEX</td> <td rowspan="6">Total Number of containers</td> <td colspan="4">Preservation Codes: B - NaOH N - None D - HNO3 A - HCL</td> </tr> <tr> <td colspan="4">Other:</td> </tr> <tr> <td colspan="4">Special Instructions/Note:</td> </tr> <tr> <td colspan="4"> </td> </tr> <tr> <td colspan="4"> </td> </tr> <tr> <td colspan="4"> </td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B, NP - Cyanide, Total	8270D - PAH Semivolatiles	6010D, 7470A	8260C - BTEX	Total Number of containers	Preservation Codes: B - NaOH N - None D - HNO3 A - HCL				Other:				Special Instructions/Note:																Preservation Codes:	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B, NP - Cyanide, Total	8270D - PAH Semivolatiles														6010D, 7470A	8260C - BTEX	Total Number of containers	Preservation Codes: B - NaOH N - None D - HNO3 A - HCL																						
																				Other:																						
																				Special Instructions/Note:																						
City: Binghamton		TAT Requested (days):																																								
State, Zip: NY, 13902		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																																								
Phone:		PO #:																																								
Email: jruspantini@nyseg.com		Purchase Order Requested:																																								
Project Name: NYSEG - Clyde/ Event Desc: Groundwater		Project #:																																								
Site: New York		SSOW#:																																								
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)		9012B, NP - Cyanide, Total		8270D - PAH Semivolatiles		6010D, 7470A		8260C - BTEX		Total Number of containers		Special Instructions/Note:																		
MW-4		5/22/25		1120		G		Water		NY		X		X		X		X		X		18																				
MW-12		5/22/25		1255		G		Water		NN		X		X		X		X		X		6																				
MW-14		5/22/25		1140		G		Water		NN		X		X		X		X		X		6																				
MW-15		5/22/25		1315		G		Water		NN		X		X		X		X		X		6																				
Dup-20250522		5/22/25		—		G		Water		NN		X		X		X		X		X		6																				
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Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-4

Lab Sample ID: 480-229632-1

Date Collected: 05/22/25 11:20

Matrix: Ground Water

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 00:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 00:45	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 00:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 00:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					05/25/25 00:45	1
4-Bromofluorobenzene (Surr)	100		73 - 120					05/25/25 00:45	1
Dibromofluoromethane (Surr)	104		75 - 123					05/25/25 00:45	1
Toluene-d8 (Surr)	99		80 - 120					05/25/25 00:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.83	J	5.0	0.41	ug/L		05/27/25 09:05	05/28/25 14:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/25 09:05	05/28/25 14:59	1
Anthracene	ND		5.0	0.28	ug/L		05/27/25 09:05	05/28/25 14:59	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 14:59	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 14:59	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 14:59	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/27/25 09:05	05/28/25 14:59	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/27/25 09:05	05/28/25 14:59	1
Chrysene	ND		5.0	0.33	ug/L		05/27/25 09:05	05/28/25 14:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/25 09:05	05/28/25 14:59	1
Fluoranthene	1.1	J	5.0	0.40	ug/L		05/27/25 09:05	05/28/25 14:59	1
Fluorene	0.53	J	5.0	0.36	ug/L		05/27/25 09:05	05/28/25 14:59	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 14:59	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/25 09:05	05/28/25 14:59	1
Phenanthrene	ND		5.0	0.44	ug/L		05/27/25 09:05	05/28/25 14:59	1
Pyrene	1.4	J	5.0	0.34	ug/L		05/27/25 09:05	05/28/25 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	87		53 - 126				05/27/25 09:05	05/28/25 14:59	1
Nitrobenzene-d5 (Surr)	76		29 - 129				05/27/25 09:05	05/28/25 14:59	1
p-Terphenyl-d14 (Surr)	81		33 - 132				05/27/25 09:05	05/28/25 14:59	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/27/25 09:13	05/28/25 15:26	1
Antimony	ND		0.020	0.0068	mg/L		05/27/25 09:13	05/28/25 15:26	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/25 09:13	05/28/25 15:26	1
Barium	0.23		0.0020	0.00070	mg/L		05/27/25 09:13	05/28/25 15:26	1
Beryllium	ND	AS-UJ	0.0020	0.00030	mg/L		05/27/25 09:13	05/28/25 15:26	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/25 09:13	05/28/25 15:26	1
Calcium	165		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:26	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/25 09:13	05/28/25 15:26	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/25 09:13	05/28/25 15:26	1
Copper	ND		0.010	0.0016	mg/L		05/27/25 09:13	05/28/25 15:26	1
Iron	22.8	B	0.050	0.019	mg/L		05/27/25 09:13	05/28/25 15:26	1
Lead	ND		0.010	0.0030	mg/L		05/27/25 09:13	05/28/25 15:26	1
Magnesium	31.2		0.20	0.043	mg/L		05/27/25 09:13	05/28/25 15:26	1

Eurofins Buffalo

Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-4

Lab Sample ID: 480-229632-1

Date Collected: 05/22/25 11:20

Matrix: Ground Water

Date Received: 05/22/25 16:11

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.92	B	0.0030	0.00040	mg/L		05/27/25 09:13	05/28/25 15:26	1
Nickel	ND	5- UJ	0.010	0.0013	mg/L		05/27/25 09:13	05/28/25 15:26	1
Potassium	6.6		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:26	1
Selenium	ND		0.025	0.0087	mg/L		05/27/25 09:13	05/28/25 15:26	1
Silver	ND	5- UJ	0.0060	0.0017	mg/L		05/27/25 09:13	05/28/25 15:26	1
Sodium	36.2		1.0	0.32	mg/L		05/27/25 09:13	05/28/25 15:26	1
Thallium	ND		0.020	0.010	mg/L		05/27/25 09:13	05/28/25 15:26	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/25 09:13	05/28/25 15:26	1
Zinc	0.087	5- J	0.010	0.0015	mg/L		05/27/25 09:13	05/28/25 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.015	B- UB	0.010	0.0041	mg/L			05/27/25 22:49	1

Client Sample ID: MW-12

Lab Sample ID: 480-229632-2

Date Collected: 05/22/25 12:55

Matrix: Ground Water

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 01:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 01:07	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 01:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 01:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		05/25/25 01:07	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/25/25 01:07	1
Dibromofluoromethane (Surr)	106		75 - 123		05/25/25 01:07	1
Toluene-d8 (Surr)	100		80 - 120		05/25/25 01:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		05/27/25 09:05	05/28/25 15:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/25 09:05	05/28/25 15:54	1
Anthracene	ND		5.0	0.28	ug/L		05/27/25 09:05	05/28/25 15:54	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 15:54	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 15:54	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 15:54	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/27/25 09:05	05/28/25 15:54	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/27/25 09:05	05/28/25 15:54	1
Chrysene	ND		5.0	0.33	ug/L		05/27/25 09:05	05/28/25 15:54	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/25 09:05	05/28/25 15:54	1
Fluoranthene	ND		5.0	0.40	ug/L		05/27/25 09:05	05/28/25 15:54	1
Fluorene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 15:54	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 15:54	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/25 09:05	05/28/25 15:54	1
Phenanthrene	ND		5.0	0.44	ug/L		05/27/25 09:05	05/28/25 15:54	1
Pyrene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 15:54	1

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Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-12

Date Collected: 05/22/25 12:55

Date Received: 05/22/25 16:11

Lab Sample ID: 480-229632-2

Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		53 - 126	05/27/25 09:05	05/28/25 15:54	1
Nitrobenzene-d5 (Surr)	80		29 - 129	05/27/25 09:05	05/28/25 15:54	1
p-Terphenyl-d14 (Surr)	71		33 - 132	05/27/25 09:05	05/28/25 15:54	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/27/25 09:13	05/28/25 15:46	1
Antimony	ND		0.020	0.0068	mg/L		05/27/25 09:13	05/28/25 15:46	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/25 09:13	05/28/25 15:46	1
Barium	0.26		0.0020	0.00070	mg/L		05/27/25 09:13	05/28/25 15:46	1
Beryllium	ND	⁵ UJ	0.0020	0.00030	mg/L		05/27/25 09:13	05/28/25 15:46	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/25 09:13	05/28/25 15:46	1
Calcium	164		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:46	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/25 09:13	05/28/25 15:46	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/25 09:13	05/28/25 15:46	1
Copper	ND		0.010	0.0016	mg/L		05/27/25 09:13	05/28/25 15:46	1
Iron	10.7	B	0.050	0.019	mg/L		05/27/25 09:13	05/28/25 15:46	1
Lead	ND		0.010	0.0030	mg/L		05/27/25 09:13	05/28/25 15:46	1
Magnesium	32.9		0.20	0.043	mg/L		05/27/25 09:13	05/28/25 15:46	1
Manganese	1.4	B	0.0030	0.00040	mg/L		05/27/25 09:13	05/28/25 15:46	1
Nickel	ND	⁵ UJ	0.010	0.0013	mg/L		05/27/25 09:13	05/28/25 15:46	1
Potassium	11.6		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:46	1
Selenium	ND		0.025	0.0087	mg/L		05/27/25 09:13	05/28/25 15:46	1
Silver	ND	⁵ UJ	0.0060	0.0017	mg/L		05/27/25 09:13	05/28/25 15:46	1
Sodium	121		1.0	0.32	mg/L		05/27/25 09:13	05/28/25 15:46	1
Thallium	ND		0.020	0.010	mg/L		05/27/25 09:13	05/28/25 15:46	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/25 09:13	05/28/25 15:46	1
Zinc	0.055	⁵ J	0.010	0.0015	mg/L		05/27/25 09:13	05/28/25 15:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			05/27/25 23:18	1

Client Sample ID: MW-14

Date Collected: 05/22/25 11:40

Date Received: 05/22/25 16:11

Lab Sample ID: 480-229632-3

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 01:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 01:29	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 01:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 01:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		05/25/25 01:29	1
4-Bromofluorobenzene (Surr)	101		73 - 120		05/25/25 01:29	1
Dibromofluoromethane (Surr)	102		75 - 123		05/25/25 01:29	1
Toluene-d8 (Surr)	99		80 - 120		05/25/25 01:29	1

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Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-14

Lab Sample ID: 480-229632-3

Date Collected: 05/22/25 11:40

Matrix: Ground Water

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		05/27/25 09:05	05/28/25 16:22	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/25 09:05	05/28/25 16:22	1
Anthracene	ND		5.0	0.28	ug/L		05/27/25 09:05	05/28/25 16:22	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 16:22	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 16:22	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 16:22	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/27/25 09:05	05/28/25 16:22	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/27/25 09:05	05/28/25 16:22	1
Chrysene	ND		5.0	0.33	ug/L		05/27/25 09:05	05/28/25 16:22	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/25 09:05	05/28/25 16:22	1
Fluoranthene	ND		5.0	0.40	ug/L		05/27/25 09:05	05/28/25 16:22	1
Fluorene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 16:22	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 16:22	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/25 09:05	05/28/25 16:22	1
Phenanthrene	ND		5.0	0.44	ug/L		05/27/25 09:05	05/28/25 16:22	1
Pyrene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	84		53 - 126				05/27/25 09:05	05/28/25 16:22	1
Nitrobenzene-d5 (Surr)	75		29 - 129				05/27/25 09:05	05/28/25 16:22	1
p-Terphenyl-d14 (Surr)	78		33 - 132				05/27/25 09:05	05/28/25 16:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.71		0.20	0.060	mg/L		05/27/25 09:13	05/28/25 15:48	1
Antimony	ND		0.020	0.0068	mg/L		05/27/25 09:13	05/28/25 15:48	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/25 09:13	05/28/25 15:48	1
Barium	0.035		0.0020	0.00070	mg/L		05/27/25 09:13	05/28/25 15:48	1
Beryllium	ND	⁵⁻ UJ	0.0020	0.00030	mg/L		05/27/25 09:13	05/28/25 15:48	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/25 09:13	05/28/25 15:48	1
Calcium	85.9		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:48	1
Chromium	0.0015	J	0.0040	0.0010	mg/L		05/27/25 09:13	05/28/25 15:48	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/25 09:13	05/28/25 15:48	1
Copper	0.0022	J	0.010	0.0016	mg/L		05/27/25 09:13	05/28/25 15:48	1
Iron	0.76	B	0.050	0.019	mg/L		05/27/25 09:13	05/28/25 15:48	1
Lead	ND		0.010	0.0030	mg/L		05/27/25 09:13	05/28/25 15:48	1
Magnesium	22.6		0.20	0.043	mg/L		05/27/25 09:13	05/28/25 15:48	1
Manganese	0.56	B	0.0030	0.00040	mg/L		05/27/25 09:13	05/28/25 15:48	1
Nickel	ND	⁵⁻ UJ	0.010	0.0013	mg/L		05/27/25 09:13	05/28/25 15:48	1
Potassium	2.3		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:48	1
Selenium	ND		0.025	0.0087	mg/L		05/27/25 09:13	05/28/25 15:48	1
Silver	ND	⁵⁻ UJ	0.0060	0.0017	mg/L		05/27/25 09:13	05/28/25 15:48	1
Sodium	11.4		1.0	0.32	mg/L		05/27/25 09:13	05/28/25 15:48	1
Thallium	ND		0.020	0.010	mg/L		05/27/25 09:13	05/28/25 15:48	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/25 09:13	05/28/25 15:48	1
Zinc	0.021	⁵⁻ J	0.010	0.0015	mg/L		05/27/25 09:13	05/28/25 15:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			05/27/25 23:41	1

Eurofins Buffalo

Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-15

Lab Sample ID: 480-229632-4

Date Collected: 05/22/25 13:15

Matrix: Ground Water

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 01:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 01:51	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 01:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 01:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		05/25/25 01:51	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/25/25 01:51	1
Dibromofluoromethane (Surr)	103		75 - 123		05/25/25 01:51	1
Toluene-d8 (Surr)	100		80 - 120		05/25/25 01:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		05/27/25 09:05	05/28/25 16:50	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/25 09:05	05/28/25 16:50	1
Anthracene	ND		5.0	0.28	ug/L		05/27/25 09:05	05/28/25 16:50	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 16:50	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 16:50	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 16:50	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/27/25 09:05	05/28/25 16:50	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/27/25 09:05	05/28/25 16:50	1
Chrysene	ND		5.0	0.33	ug/L		05/27/25 09:05	05/28/25 16:50	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/25 09:05	05/28/25 16:50	1
Fluoranthene	ND		5.0	0.40	ug/L		05/27/25 09:05	05/28/25 16:50	1
Fluorene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 16:50	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 16:50	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/25 09:05	05/28/25 16:50	1
Phenanthrene	ND		5.0	0.44	ug/L		05/27/25 09:05	05/28/25 16:50	1
Pyrene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	90		53 - 126	05/27/25 09:05	05/28/25 16:50	1
Nitrobenzene-d5 (Surr)	77		29 - 129	05/27/25 09:05	05/28/25 16:50	1
p-Terphenyl-d14 (Surr)	66		33 - 132	05/27/25 09:05	05/28/25 16:50	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.083	J	0.20	0.060	mg/L		05/27/25 09:13	05/28/25 15:49	1
Antimony	ND		0.020	0.0068	mg/L		05/27/25 09:13	05/28/25 15:49	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/25 09:13	05/28/25 15:49	1
Barium	0.15		0.0020	0.00070	mg/L		05/27/25 09:13	05/28/25 15:49	1
Beryllium	ND	5- UJ	0.0020	0.00030	mg/L		05/27/25 09:13	05/28/25 15:49	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/25 09:13	05/28/25 15:49	1
Calcium	151		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:49	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/25 09:13	05/28/25 15:49	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/25 09:13	05/28/25 15:49	1
Copper	ND		0.010	0.0016	mg/L		05/27/25 09:13	05/28/25 15:49	1
Iron	11.7	R	0.050	0.019	mg/L		05/27/25 09:13	05/28/25 15:49	1
Lead	ND		0.010	0.0030	mg/L		05/27/25 09:13	05/28/25 15:49	1
Magnesium	26.4		0.20	0.043	mg/L		05/27/25 09:13	05/28/25 15:49	1

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Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: MW-15

Lab Sample ID: 480-229632-4

Date Collected: 05/22/25 13:15

Matrix: Ground Water

Date Received: 05/22/25 16:11

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.63	B-	0.0030	0.00040	mg/L		05/27/25 09:13	05/28/25 15:49	1
Nickel	ND	^S- UJ	0.010	0.0013	mg/L		05/27/25 09:13	05/28/25 15:49	1
Potassium	4.9		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:49	1
Selenium	ND		0.025	0.0087	mg/L		05/27/25 09:13	05/28/25 15:49	1
Silver	ND	^S- UJ	0.0060	0.0017	mg/L		05/27/25 09:13	05/28/25 15:49	1
Sodium	25.8		1.0	0.32	mg/L		05/27/25 09:13	05/28/25 15:49	1
Thallium	ND		0.020	0.010	mg/L		05/27/25 09:13	05/28/25 15:49	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/25 09:13	05/28/25 15:49	1
Zinc	0.014	^S- J	0.010	0.0015	mg/L		05/27/25 09:13	05/28/25 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			05/27/25 23:48	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-229632-5

Date Collected: 05/22/25 00:00

Matrix: WQ

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 02:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 02:14	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 02:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		05/25/25 02:14	1
4-Bromofluorobenzene (Surr)	100		73 - 120		05/25/25 02:14	1
Dibromofluoromethane (Surr)	103		75 - 123		05/25/25 02:14	1
Toluene-d8 (Surr)	99		80 - 120		05/25/25 02:14	1

Client Sample ID: DUP-20250522

Lab Sample ID: 480-229632-6

Date Collected: 05/22/25 00:00

Matrix: Water

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/25/25 02:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/25/25 02:36	1
Toluene	ND		1.0	0.51	ug/L			05/25/25 02:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/25/25 02:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		05/25/25 02:36	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/25/25 02:36	1
Dibromofluoromethane (Surr)	104		75 - 123		05/25/25 02:36	1
Toluene-d8 (Surr)	99		80 - 120		05/25/25 02:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.0	J	5.0	0.41	ug/L		05/27/25 09:05	05/28/25 17:18	1

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Client Sample Results

Client: New York State Electric & Gas
Project/Site: NYSEG - Clyde

Job ID: 480-229632-1

Client Sample ID: DUP-20250522

Lab Sample ID: 480-229632-6

Date Collected: 05/22/25 00:00

Matrix: Water

Date Received: 05/22/25 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		5.0	0.38	ug/L		05/27/25 09:05	05/28/25 17:18	1
Anthracene	ND		5.0	0.28	ug/L		05/27/25 09:05	05/28/25 17:18	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/27/25 09:05	05/28/25 17:18	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 17:18	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/27/25 09:05	05/28/25 17:18	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/27/25 09:05	05/28/25 17:18	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/27/25 09:05	05/28/25 17:18	1
Chrysene	ND		5.0	0.33	ug/L		05/27/25 09:05	05/28/25 17:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/27/25 09:05	05/28/25 17:18	1
Fluoranthene	1.2	J	5.0	0.40	ug/L		05/27/25 09:05	05/28/25 17:18	1
Fluorene	0.64	J	5.0	0.36	ug/L		05/27/25 09:05	05/28/25 17:18	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/27/25 09:05	05/28/25 17:18	1
Naphthalene	ND		5.0	0.76	ug/L		05/27/25 09:05	05/28/25 17:18	1
Phenanthrene	0.45	J	5.0	0.44	ug/L		05/27/25 09:05	05/28/25 17:18	1
Pyrene	1.6	J	5.0	0.34	ug/L		05/27/25 09:05	05/28/25 17:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	106		53 - 126				05/27/25 09:05	05/28/25 17:18	1
Nitrobenzene-d5 (Surr)	92		29 - 129				05/27/25 09:05	05/28/25 17:18	1
p-Terphenyl-d14 (Surr)	69		33 - 132				05/27/25 09:05	05/28/25 17:18	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/27/25 09:13	05/28/25 15:51	1
Antimony	ND		0.020	0.0068	mg/L		05/27/25 09:13	05/28/25 15:51	1
Arsenic	ND		0.015	0.0056	mg/L		05/27/25 09:13	05/28/25 15:51	1
Barium	0.23		0.0020	0.00070	mg/L		05/27/25 09:13	05/28/25 15:51	1
Beryllium	ND	5- UJ	0.0020	0.00030	mg/L		05/27/25 09:13	05/28/25 15:51	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/25 09:13	05/28/25 15:51	1
Calcium	164		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:51	1
Chromium	ND		0.0040	0.0010	mg/L		05/27/25 09:13	05/28/25 15:51	1
Cobalt	ND		0.0040	0.00063	mg/L		05/27/25 09:13	05/28/25 15:51	1
Copper	ND		0.010	0.0016	mg/L		05/27/25 09:13	05/28/25 15:51	1
Iron	22.9	B	0.050	0.019	mg/L		05/27/25 09:13	05/28/25 15:51	1
Lead	ND		0.010	0.0030	mg/L		05/27/25 09:13	05/28/25 15:51	1
Magnesium	31.3		0.20	0.043	mg/L		05/27/25 09:13	05/28/25 15:51	1
Manganese	0.91	B	0.0030	0.00040	mg/L		05/27/25 09:13	05/28/25 15:51	1
Nickel	ND	5- UJ	0.010	0.0013	mg/L		05/27/25 09:13	05/28/25 15:51	1
Potassium	6.5		0.50	0.10	mg/L		05/27/25 09:13	05/28/25 15:51	1
Selenium	ND		0.025	0.0087	mg/L		05/27/25 09:13	05/28/25 15:51	1
Silver	ND	5- UJ	0.0060	0.0017	mg/L		05/27/25 09:13	05/28/25 15:51	1
Sodium	36.5		1.0	0.32	mg/L		05/27/25 09:13	05/28/25 15:51	1
Thallium	ND		0.020	0.010	mg/L		05/27/25 09:13	05/28/25 15:51	1
Vanadium	ND		0.0050	0.0015	mg/L		05/27/25 09:13	05/28/25 15:51	1
Zinc	0.071	5- J	0.010	0.0015	mg/L		05/27/25 09:13	05/28/25 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.014	B UB	0.010	0.0041	mg/L			05/27/25 23:51	1

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