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

Arcadis of New York, Inc.
100 Chestnut Street
Suite 1020
Rochester
New York 14604
Phone: 585 385 0090
Fax: 585 546 1973
www.arcadis.com

Date: November 14, 2025
Our Ref: 30270811
Subject: **Third 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 third quarter of 2025 (Q3) 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 Q3 monitoring event on August 21, 2025, in accordance with the *Site Management Plan* (SMP)[1] (pending NYSDEC approval). This quarterly report summarizes activities conducted from July 1, 2025, to September 30, 2025, and includes data from the August 21, 2025 monitoring event.

Relevant background information is presented in the following section, followed by a summary of the Q3 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.

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

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 provides access to the property and 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]

Third Quarter 2025 Monitoring and Sampling

As presented in the SMP,[1] groundwater remedy objectives for the Q3 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 Q3 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 Q3 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.

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

Well Depth Monitoring

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 (3.36 feet), and MW8 (1.92 feet).

Groundwater Sampling Activities and Results

Groundwater sampling activities and associated analytical results from the Q3 monitoring event are summarized below.

Groundwater Sampling Activities

Arcadis field personnel collected groundwater samples from four monitoring wells, MW4, MW12, MW14, and MW15, on August 21, 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 GA[3] (Class GA) groundwater quality standards/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.

Record of Decision Groundwater Constituents of Concern:[2]

- BTEX:
  - BTEX was not detected.
- Naphthalene:
  - Naphthalene 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.

Remaining Constituents:

- Total cyanide:
  - Total cyanide was not detected.
- Metals:
  - Iron (24.0 milligrams per liter [mg/L]), manganese (0.95 mg/L), and sodium (33.5 mg/L) were detected in the groundwater sample collected from monitoring well MW4 at concentrations exceeding their respective Class GA[3] groundwater quality standards or guidance values.
  - Iron (13.1 mg/L), manganese (0.57 mg/L), and sodium (67.9 mg/L) were detected in the groundwater sample collected from monitoring well MW12 at concentrations exceeding their respective Class GA[3] groundwater quality standards or guidance values.
  - Iron (0.38 mg/L) and manganese (0.84 mg/L) were detected in the groundwater sample collected from monitoring well MW14 at concentrations exceeding their respective Class GA[3] groundwater quality standards or guidance values.
  - Iron (14.4 mg/L), manganese (0.69 mg/L), and sodium (43.5 mg/L) were detected in the groundwater sample collected from monitoring well MW15 at concentrations exceeding their respective Class GA[3] groundwater quality standards or guidance values.

Site Inspection

A site inspection is required annually, per the SMP.[1] The purpose of the site inspection is to evaluate general site conditions and the condition and continued effectiveness of the cover system. Arcadis completed the site inspection on August 21, 2025. During the annual inspection, areas within the former MGP footprint were inspected for sparse vegetation, erosion, settling, and disturbance to the surface cover. A Site Inspection Form associated with the inspection is included as Attachment 4. A photographic log documenting site conditions at the time of the annual inspection is included as Attachment 5. The location where each photograph was taken, and the direction that the photographer was facing, is shown on Figure 5-1 in Attachment 5.

The annual site inspection indicated that the site cover is in good condition and maintenance to the soil and gravel cover across the site was not required.

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 on pallets on site and will be subsequently transported off site for treatment/disposal by NYSEG's waste disposal vendor.

Conclusions and Recommendations

The Q3 monitoring results represent the third groundwater sampling event since completing the remedy in 2021. Based on the Q3 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 Decision*[2] were not detected.

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

- Remove sediment from monitoring wells MWBH1, MW1S, and MW8 using a pump or weighted bailer. Note that this action was recommended in the *Second Quarter 2025 Groundwater Monitoring Report*[4] but was not able to be completed during the August 21, 2025 site visit due to safety concerns about the proximity of on-site construction activities to the respective wells.

Quarterly monitoring and reporting will continue to be completed as required by the SMP.[1] The next groundwater sampling event is scheduled for November 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

Email: nicholas.beyrle@arcadis.com
Direct Line: 585.662.4044

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 – August 21, 2025
Attachment 1 – Groundwater Sampling Logs
Attachment 2 – Groundwater Laboratory Reports
Attachment 3 – Data Usability Summary Reports
Attachment 4 – Site Inspection Form
Attachment 5 – Site Inspection Photographic Log

[4] Arcadis. 2025. *Second Quarter 2025 Groundwater Monitoring Report*, New York State Electric & Gas Corporation, Clyde Former Manufactured Gas Plan, Clyde, New York, NYSDEC Site No. 859019. October.

Tables

Table 1
Gauging Data
Third 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
				August 21, 2025	5.58	387.63	-	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
				August 21, 2025	2.56	388.08	-	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
				August 21, 2025	2.41	388.45	-	6.30	3.36
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
				August 21, 2025	4.51	387.85	-	12.80	0.16
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
				August 21, 2025	5.02	386.23	-	14.02	-1.07
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
				August 21, 2025	9.62	383.05	-	42.66	-0.09
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
				August 21, 2025	5.51	387.47	-	22.76	1.92
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
				August 21, 2025	6.57	388.05	-	17.59	0.03

See Notes on Page 2.

Table 1
Gauging Data
Third 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)
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
				August 21, 2025	7.84	386.74	-	35.60	0.08
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	389.8	-	24.27	0.31
				August 21, 2025	6.46	387.52	-	24.29	0.29
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
				August 21, 2025	5.11	388.22	-	39.92	0.27
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
				August 21, 2025	4.32	388.14	-	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
				August 21, 2025	4.39	388.40	-	18.22	0.25
MW14	393.48	13.85	390.3-380.3	March 12, 2025	-	-	-	-	-
				May 22, 2025	2.85	390.63	-	13.84	0.01
				August 21, 2025	4.99	388.49	-	13.85	0.00
MW15	392.95	13.81	389.2-379.2	March 12, 2025	-	-	-	-	-
				May 22, 2025	3.05	389.90	-	13.79	0.02
				August 21, 2025	5.60	387.35	-	13.79	0.02

Notes:
1. Elevations in feet referenced to the 1988 North American Vertical Datum.
2. MW14 and MW15 were installed by Arcadis on March 12, 2025, and surveyed on May 15, 2025. All other monitoring wells were installed by GEI.
3. 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 MW1D, MW3, and MW8.
4. Measuring point elevations and installed depth to bottom measurements for MWBH1, MW1D, MW11B, MW12, and MW13 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. 2022. *Site Management Plan* , Clyde Former Manufactured Gas Plant Site, Wayne County, Clyde, New York. October.

Table 2
Groundwater Analytical Results
Third 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	
Date Collected:			02/25/25	05/22/25	08/21/25	03/14/25	05/22/25	08/21/25	05/22/25	08/21/25	05/22/25	08/21/25
BTEX												
Benzene	1	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	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	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	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	2.0 U	2.0 U	2.0 U	2.0 U
Total BTEX	- -	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAHs												
Acenaphthene	20	µg/L	**0.54 J**	**0.83 J**	**1.1 J**	5.0 U	5.0 U	5.0 U	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	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	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	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	0	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	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	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	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	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	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	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	50	µg/L	**0.90 J**	**1.1 J**	**1.4 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	50	µg/L	**0.40 J**	**0.53 J**	**0.85 J**	5.0 U	5.0 U	5.0 U	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	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	5.0 U	5.0 U	5.0 U	5.0 U
Phenanthrene	50	µg/L	5.0 U	5.0 U	**0.52 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.49 J**
Pyrene	50	µg/L	**1.3 J**	**1.4 J**	**2.1 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Total PAHs	- -	µg/L	**3.14 J**	**3.86 J**	**5.97 J**	ND	ND	ND	ND	ND	ND	**0.49 J**
Inorganics												
Aluminum	- -	mg/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	**0.10 J**	**0.71**	**0.40**	**0.083 J**	0.20 U
Antimony	0.003	mg/L	0.020 U	0.020 U	0.020 U	0.020 U	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	0.015 U	0.015 U	0.015 U	0.015 U
Barium	1	mg/L	**0.24**	**0.23**	**0.26**	**0.10 J**	**0.26**	**0.16**	**0.035**	**0.032**	**0.15**	**0.20**
Beryllium	0.003	mg/L	0.0020 U	0.0020 UJ	0.0020 U	0.0020 UJ	0.0020 UJ	0.0020 U	0.0020 UJ	0.0020 U	0.0020 UJ	0.0020 U
Cadmium	0.005	mg/L	0.0020 U	0.0020 U	0.0020 U	0.0020 UJ	0.0020 U	0.0020 UB	0.0020 U	0.0020 UB	0.0020 U	0.0020 U
Calcium	- -	mg/L	**197**	**165**	**175**	**142**	**164**	**117**	**85.9**	**84.1**	**151**	**170**
Chromium	0.05	mg/L	0.0040 U	0.0040 U	0.0040 U	0.0040 U	0.0040 U	0.0040 U	**0.0015 J**	0.0040 U	0.0040 U	**0.0052**
Cobalt		mg/L	0.0040 U	0.0040 U	0.0040 U	0.0040 UJ	0.0040 U	0.0040 U	0.0040 U	0.0040 U	0.0040 U	0.0040 U

See Notes on Page 2.

Table 2
Groundwater Analytical Results
Third 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	
Date Collected:			02/25/25	05/22/25	08/21/25	03/14/25	05/22/25	08/21/25	05/22/25	08/21/25	05/22/25	08/21/25
Inorganics (continued)												
Copper	0.2	mg/L	0.010 U	0.010 U	0.010 U	**0.0017 J**	0.010 U	**0.0027 J**	**0.0022 J**	**0.0027 J**	0.010 U	0.010 U
Iron	0.3	mg/L	**25.3**	**22.8**	**24.0**	**0.44 J**	**10.7**	**13.1**	**0.76**	**0.38**	**11.7**	**14.4**
Lead	0.025	mg/L	**0.0033 J**	**0.010 U**	0.010 U	0.010 UJ	0.010 UJ	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Magnesium	35	mg/L	**30.9**	**31.2**	**29.9**	**22.3**	**32.9**	**18.6**	**22.6**	**20.2**	**26.4**	**26.4**
Manganese	0.3	mg/L	**1.0**	**0.92**	**0.95**	**0.16**	**1.4**	**0.57**	**0.56**	**0.84**	**0.63**	**0.69**
Nickel	0.1	mg/L	0.010 U	0.010 UJ	0.010 U	0.010 UBJ	0.010 UJ	0.010 U	0.010 UJ	0.010 U	0.010 UJ	**0.0027 J**
Potassium	- -	mg/L	**6.9**	**6.6**	**7.3**	**4.7 J**	**11.6**	**15.8**	**2.3**	**1.6**	**4.9**	**7.1**
Selenium	0.01	mg/L	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U	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	0.0060 UJ	0.0060 UJ	0.0060 UJ	0.0060 UJ
Sodium	20	mg/L	**36.8**	**36.2**	**33.5**	**70.2**	**121**	**67.9**	**11.4**	**10.7**	**25.8**	**43.5**
Thallium	0.0005	mg/L	0.020 U	0.020 U	0.020 U	0.020 UJ	0.020 U	0.020 U	0.020 U	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	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Zinc	2	mg/L	**0.15**	**0.087 J**	**0.015**	**0.22**	**0.055 J**	**0.016**	**0.021 J**	**0.0018 J**	**0.014 J**	0.010 U
Cyanide												
Cyanide	0.2	mg/L	0.010 U	0.015 UB	**R**	0.010 U	0.010 U	0.010 UJ	0.010 U	0.010 UJ	0.010 U	0.010 UJ

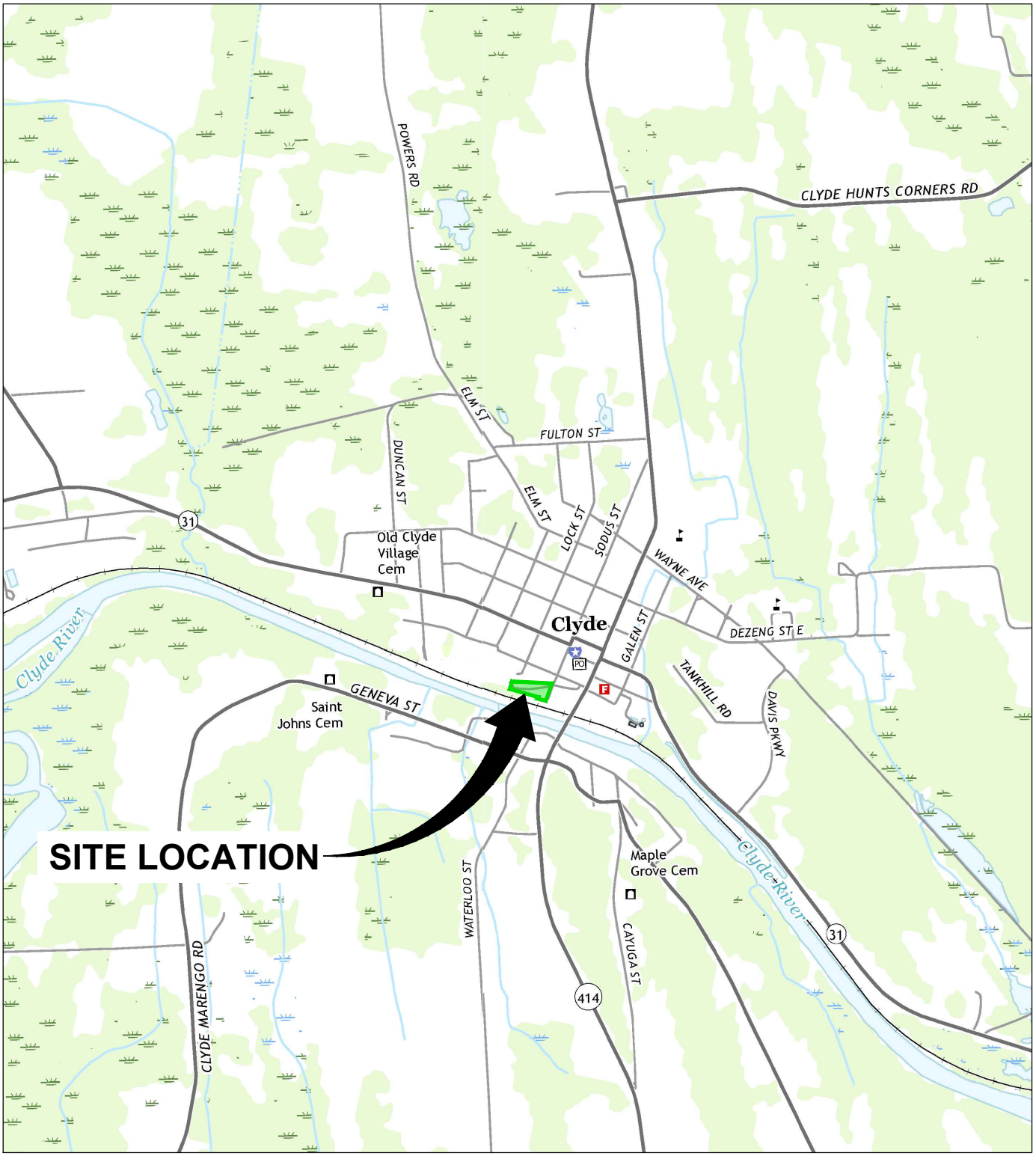
Notes:
1. Samples were submitted to Eurofins TestAmerica, Amherst, New York, for analysis using USEPA SW-846 Methods 8260B (VOCs), 8270C (SVOCs), 6010 (inorganics), and 9012 (cyanide).
2. Sample results detected above the MDL are presented in bold font.
3. Shading indicates that the result exceeds TOGS 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.
R - The compound result was rejected. Please refer to the appropriate data usability summary report for further explanation.
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, 2993; reissued June 1998.

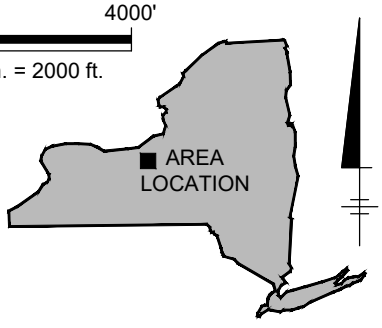
Figures



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

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.

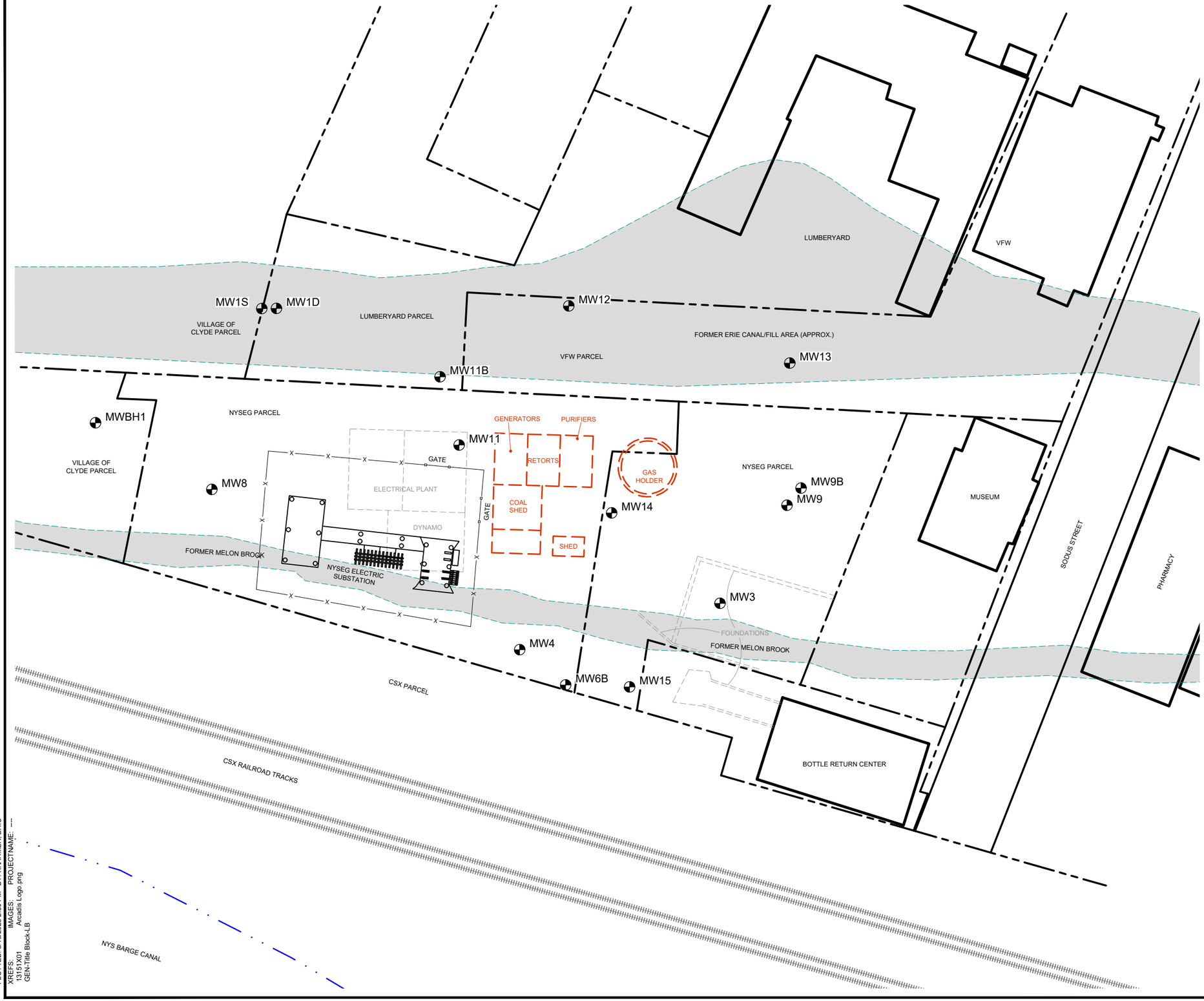


NYSEG
CLYDE FORMER MGP SITE
CLYDE, NEW YORK

SITE LOCATION MAP

ARCADIS

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, MWBH6, MW7, MW10 AND MW10B HAVE BEEN DECOMMISSIONED AND ARE NOT SHOWN ON THIS FIGURE.

0 50' 100'

GRAPHIC SCALE

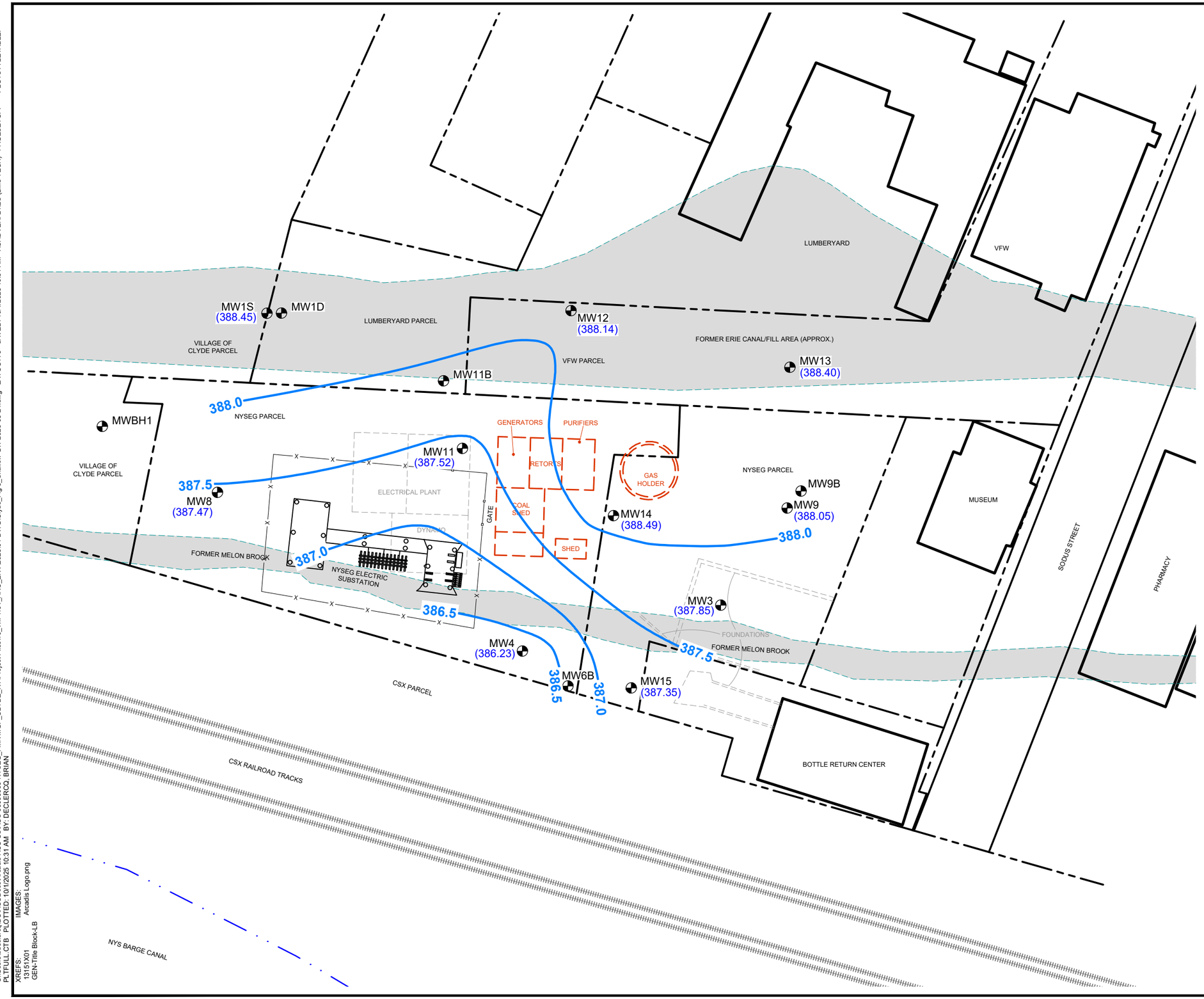
NYSEG
CLYDE FORMER MGP SITE
CLYDE, NEW YORK

SITE LAYOUT

ARCADIS

FIGURE 2

C:\Users\ekrahmer\DOCACCDocs\Arcadis ACC.US\AUS-99999999-NYSEG_FMR MGP_CLYDE_NY\Project Files\10_WIP\10T_ARC_ENV\20251\01-DWG\GEN-F02-SITE MAP.dwg LAYOUT: 2 SAVED: 5/13/2025 2:36 PM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB
PLOTTED: 5/13/2025 2:36 PM BY: KRAHMER, ERIC
XREFS: 13151X01 GEN-Title Block-LB
IMAGES: Arcadis Logo.png
PROJECTNAME: ----



LEGEND:

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

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, MWBH6, MW7, MW10 AND MW10B HAVE BEEN DECOMMISSIONED AND ARE NOT SHOWN ON THIS FIGURE.

0 50' 100'

GRAPHIC SCALE

NYSEG
CLYDE FORMER MGP SITE
CLYDE, NEW YORK

SHALLOW GROUNDWATER CONTOUR MAP - AUGUST 21, 2025

ARCADIS

FIGURE
3

Attachment 1

Groundwater Sampling Logs

GROUNDWATER SAMPLING LOG

Site: NYSEG Clyde Former MGP — **Clyde, NY** — **Event:** August 2025 GWS

Sampling Personnel:	Jonathan Kline / Kaitlyn Fleming	**Well ID:**	MW-4
Client / Job Number:	NYSEG / 30270811	**Date:**	08/20/2025
Weather:	Cloudy, 65°	**Time In:**	1050 **Time Out:** 1200

Well Information

Depth to Water:	4.97	(feet TIC)
Total Depth:	14.02	(feet TIC)
Length of Water Column:	9.05	(feet)
Volume of Water in Well:	1.45	(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"

Purging Information

Purging Method:	Bailer	Peristaltic	Grundfos	Other:
Tubing/Bailer Material:	St. Steel	Polyethylene	Teflon	Other:
Sampling Method:	Bailer	Peristaltic	Grundfos	Other:

Duration of Pumping: 35 ~~315~~ (min)

Average Pumping Rate: 150 (ml/min) — Water-Quality Meter Type: YSI/Lamotte 2020

Total Volume Removed: 1.2 (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
±0.1	± 10%	± 3.0%	± 10 mV

Parameter:	1	2	3	4	5	6	7	8	9	10	11	12	13
	1100	1105	1110	1115	1120	1125	1130						
Volume Purged (gal)	0.1	0.3	0.5	0.7	0.9	1.2	1.5						
Rate (mL/min)	150	150	150	150	150	150	150						
Depth to Water (ft.)	~~4.71~~	~~4.05~~	5.04	5.04	5.04	5.04	5.04						
pH	6.70	6.66	6.73	6.80	6.82	6.82	6.83						
Temp. (C)	14.3	15.0	14.6	14.7	14.9	14.9	14.9						
Conductivity (mS/cm)	1.542	1.243	1.235	1.214	1.209	1.207	1.205						
Dissolved Oxygen (mg/l)	1.71	1.05	0.68	0.48	0.41	0.40	0.39						
ORP (mV)	54.3	10.0	-53.4	-86.6	-98.6	10.3	107.5						
Turbidity (NTU)	17.78	6.88	6.51	3.14	2.14	2.46	2.25						
Notes:	DTW: 5.00	DTW: 5.02											

Sampling Information

Analyses	#	Laboratory
VOCs 8260	12	Buffalo-Test America
PAHs 8270	4	Buffalo-Test America
Total CN 9012	4	Buffalo-Test America
TAL Metals 6010B	4	Buffalo-Test America
Sample ID: MW-4		Sample Time: 1130
MS/MSD:	Yes	No
Duplicate:	Yes	No
Duplicate ID DUP-20250820		Dup. Time: 1130
Chain of Custody Signed By:	KCF	

Problems / Observations

Initial Purge:

1055; Clear, odorless

Final Purge:

1155; Clear, odorless

GROUNDWATER SAMPLING LOG

Site: NYSEG Clyde Former MGP — **Clyde, NY** — **Event:** August 2025 GWS

Sampling Personnel: Jonathan Kline / Kaitlyn Fleming
Client / Job Number: NYSEG / 30270811
Weather: Cloudy, 69°
Well ID: MW-12
Date: 8/21/2025
Time In: 1215 **Time Out:** 1315

Well Information

Depth to Water:	4.32	(feet TIC)
Total Depth:	16.29	(feet TIC)
Length of Water Column:	11.97	(feet)
Volume of Water in Well:	1.95	(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"

Purging Information

Purging Method:	Bailer	(Peristaltic)	Grundfos	Other:
Tubing/Bailer Material:	St. Steel	(Polyethylene)	Teflon	Other:
Sampling Method:	Bailer	(Peristaltic)	Grundfos	Other:

Duration of Pumping: 50 (min)
Average Pumping Rate: 150 (ml/min) — Water-Quality Meter Type: YSI/Lamotte 2020
Total Volume Removed: 1.5 (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
±0.1	± 10%	± 3.0%	± 10 mV

	1	2	3	4	5	6	7	8	9	10	11	12	13
Parameter:	1225	1230	1235	1240	1245	1250	1255	1300					
Volume Purged (gal)			0.5			1.0		S					
Rate (mL/min)	150	150	150	150	150	150	150	A					
Depth to Water (ft.)	4.94	4.94	4.94	4.94	4.94	4.94	4.94	M					
pH	6.92	6.99	6.97	6.93	6.89	6.87	6.87	P					
Temp. (C)	16.4	16.3	16.5	16.5	16.5	16.4	16.4	L					
Conductivity (mS/cm)	1.748	1.528	1.357	1.218	1.165	1.142	1.147	E					
Dissolved Oxygen (mg/l)	1.05	0.88	0.81	0.78	0.74	0.72	0.71	↓					
ORP (mV)	-117.1	-126.9	-129.8	-127.6	-124.9	-124.2	-124.4	↓					
Turbidity (NTU)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	↓					
Notes:													

Sampling Information

Analyses	#	Laboratory
VOCs 8260	3	Buffalo-Test America
PAHs 8270	2	Buffalo-Test America
Total CN 9012	1	Buffalo-Test America
TAL Metals 6010B	1	Buffalo-Test America
Sample ID: MW-12		Sample Time: 1300
MS/MSD:	Yes	(No)
Duplicate:	Yes	(No)
Duplicate ID	—	Dup. Time: —
Chain of Custody Signed By:		KCF

Problems / Observations

Initial Purge: Pump on @ 1220; clear, no odor

Final Purge: Pump off @ 1310; clear, no odor

GROUNDWATER SAMPLING LOG

Site: NYSEG Clyde Former MGP — **Clyde, NY** — **Event:** August 2025 GWS

Sampling Personnel: Jonathan Kline / Kaitlyn Fleming
Client / Job Number: NYSEG / 30270811
Weather: cloudy, 65°
Well ID: MW-14
Date: 8/21/2025
Time In: 1050 **Time Out:** 1210

Well Information

Depth to Water:	4.99	(feet TIC)
Total Depth:	13.85	(feet TIC)
Length of Water Column:	8.86	(feet)
Volume of Water in Well:	1.44	(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"

Purging Information

Purging Method:	Bailer	(Peristaltic)	Grundfos	Other:
Tubing/Bailer Material:	St. Steel	(Polyethylene)	Teflon	Other:
Sampling Method:	Bailer	(Peristaltic)	Grundfos	Other:

Duration of Pumping: 70 (min)
Average Pumping Rate: 120 (ml/min) — Water-Quality Meter Type: YSI/Lamotte 2020
Total Volume Removed: 2.2 (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
±0.1	± 10%	± 3.0%	± 10 mV

	1	2	3	4	5	6	7	8	9	10	11	12	13
Parameter:	1100	1105	1110	1115	1120	1125	1130	1135	1140	1145	1150	1155	
Volume Purged (gal)			0.5			1.0			1.5				
Rate (mL/min)	120	120	120	120	120	120	120	120	120	120	120	SAMPLE	
Depth to Water (ft.)	5.70	5.78	5.80	5.95	5.95	6.00	6.00	6.00	6.00	6.08	6.08		
pH	7.18	7.15	7.15	7.15	7.15	7.17	7.17	7.18	7.18	7.18	7.19		
Temp. (C)	18.0	18.4	18.4	18.6	18.6	18.7	18.6	18.6	18.7	18.8	18.8		
Conductivity (mS/cm)	0.618	0.613	0.608	0.606	0.606	0.607	0.606	0.607	0.606	0.607	0.608		
Dissolved Oxygen (mg/l)	1.82	1.09	0.91	0.90	0.90	0.88	0.86	0.85	0.81	0.80	0.78		
ORP (mV)	130.4	135.2	136.1	136.4	136.5	135.9	134.1	131.7	128.1	122.2	119.0		
Turbidity (NTU)	160.0	86.9	74.8	62.1	45.3	27.4	20.0	13.6	8.8	8.0	8.3		
Notes:													

Sampling Information

Analyses	#	Laboratory
VOCs 8260	3	Buffalo-Test America
PAHs 8270	2	Buffalo-Test America
Total CN 9012	1	Buffalo-Test America
TAL Metals 6010B	1	Buffalo-Test America
Sample ID: MW-14		Sample Time: 1155
MS/MSD:	Yes (No)	
Duplicate:	Yes (No)	
Duplicate ID —		Dup. Time: —
Chain of Custody Signed By:	KCF	

Problems / Observations

Initial Purge:

Pump on @ ; 1055 ; some light brown susp. sediment, clear, no odor

Final Purge:

Pump off @ 1205 ; clear ; no odor

GROUNDWATER SAMPLING LOG

Site: NYSEG Clyde Former MGP | **Clyde, NY** | **Event:** August 2025 GWS

Sampling Personnel:	Jonathan Kline / Kaitlyn Fleming	**Well ID:**	MW-15
Client / Job Number:	NYSEG / 30270811	**Date:**	08/21/2025
Weather:	cloudy, 67°	**Time In:**	1235 **Time Out:** 1330

Well Information

Depth to Water:	5.59	(feet TIC)
Total Depth:	13.79	(feet TIC)
Length of Water Column:	8.2	(feet)
Volume of Water in Well:	1.31	(gal)
Screen Interval:	NA	(feet)
Depth to pump Intake:	N/D	(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"

Purging Information

Purging Method:	Bailer	(Peristaltic)	Grundfos	Other:
Tubing/Bailer Material:	St. Steel	(Polyethylene)	Teflon	Other:
Sampling Method:	Bailer	(Peristaltic)	Grundfos	Other:

Duration of Pumping:	35	(min)		
Average Pumping Rate:	150	(ml/min)	Water-Quality Meter Type:	YSI/Lamotte 2020
Total Volume Removed:	1.5	(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
±0.1	± 10%	± 3.0%	± 10 mV

Parameter:	1	2	3	4	5	6	7	8	9	10	11	12	13
	1245	1250	1255	1300	1305	1310	1315						
Volume Purged (gal)	0.1	0.3	0.5	0.7	0.9	1.2	1.5						
Rate (mL/min)	158	150	150	150	150	150	150						
Depth to Water (ft.)	5.63	5.65	5.66	5.66	5.66	5.66	5.66						
pH	6.88	6.88	6.88	6.90	6.90	6.91	6.91						
Temp. (C)	15.3	15.8	17.5	17.8	17.8	17.9	17.9						
Conductivity (mS/cm)	1.234	1.221	1.192	1.196	1.200	1.202	1.205						
Dissolved Oxygen (mg/l)	1.47	0.73	0.46	0.37	0.35	0.30	0.33						
ORP (mV)	-53.2	-70.1	-89.3	-99.1	-108.7	-113.3	-115.7						
Turbidity (NTU)	28.2	30.55	17.44	9.81	5.73	2.87	2.02						
Notes:													

Sampling Information

Analyses	#	Laboratory
VOCs 8260	3	Buffalo-Test America
PAHs 8270	2	Buffalo-Test America
Total CN 9012	1	Buffalo-Test America
TAL Metals 6010B	1	Buffalo-Test America
Sample ID: MW-15		Sample Time: 1315
MS/MSD:	Yes (No)	
Duplicate:	Yes (No)	
Duplicate ID —		Dup. Time: —
Chain of Custody Signed By:	KCF	

Problems / Observations

Initial Purge:

1240; clear, odorless

Final Purge:

1320; clear, odorless

Attachment 2

Groundwater Laboratory Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

NYSEG - Clyde
Groundwater

JOB NUMBER

480-232020-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

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Authorized for release by
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

Table of Contents

Definitions/Glossary

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

Job ID: 480-232020-1

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
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

Job Narrative
480-232020-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/22/2025 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.2°C, 2.5°C and 2.9°C.

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

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

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-755243 is outside the acceptance criteria for the following analytes: total Silver. 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.

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

General Chemistry
Method 9012B_NP: The continuing calibration verification (CCV) associated with batch 480-755637 recovered above the upper control limit for Cyanide, Total. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:MW-12 (480-232020-2), MW-14 (480-232020-3) and MW-15 (480-232020-4).

Method 9012B_NP: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with analytical batch 480-755637 were outside control limits: MW-4 (480-232020-1). The associated laboratory control sample (LCS) recovery met acceptance criteria.

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

Detection Summary

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

Job ID: 480-232020-1

Client Sample ID: MW-4 — Lab Sample ID: 480-232020-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	1.1	J	5.0	0.41	ug/L	1		8270D	Total/NA
Fluoranthene	1.4	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	0.85	J	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	0.52	J	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	2.1	J	5.0	0.34	ug/L	1		8270D	Total/NA
Barium	0.26		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	175		0.50	0.10	mg/L	1		6010D	Total/NA
Iron	24.0		0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	29.9		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.95		0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	7.3		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	33.5		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.015		0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: MW-12 — Lab Sample ID: 480-232020-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.10	J	0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.16		0.0020	0.00070	mg/L	1		6010D	Total/NA
Cadmium	0.00054	J B	0.0020	0.00050	mg/L	1		6010D	Total/NA
Calcium	117		0.50	0.10	mg/L	1		6010D	Total/NA
Copper	0.0027	J	0.010	0.0016	mg/L	1		6010D	Total/NA
Iron	13.1		0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	18.6		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.57		0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	15.8		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	67.9		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.016		0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: MW-14 — Lab Sample ID: 480-232020-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.40		0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.032		0.0020	0.00070	mg/L	1		6010D	Total/NA
Cadmium	0.00052	J B	0.0020	0.00050	mg/L	1		6010D	Total/NA
Calcium	84.1		0.50	0.10	mg/L	1		6010D	Total/NA
Copper	0.0027	J	0.010	0.0016	mg/L	1		6010D	Total/NA
Iron	0.38		0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	20.2		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.84		0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	1.6		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	10.7		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.0018	J	0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: MW-15 — Lab Sample ID: 480-232020-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.49	J	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.20		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	170		0.50	0.10	mg/L	1		6010D	Total/NA
Chromium	0.0052		0.0040	0.0010	mg/L	1		6010D	Total/NA
Iron	14.4		0.050	0.019	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: 480-232020-1

Client Sample ID: MW-15 (Continued) — Lab Sample ID: 480-232020-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	26.4		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.69		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.0027	J	0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	7.1		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	43.5		1.0	0.32	mg/L	1		6010D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-232020-5

No Detections.

Client Sample ID: DUP-20250821 — Lab Sample ID: 480-232020-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	1.3	J	5.0	0.41	ug/L	1		8270D	Total/NA
Fluoranthene	1.5	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	0.93	J	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	0.57	J	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	2.2	J	5.0	0.34	ug/L	1		8270D	Total/NA
Barium	0.26		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	175		0.50	0.10	mg/L	1		6010D	Total/NA
Iron	23.6		0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	30.0		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.95		0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	7.3		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	33.9		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.015		0.010	0.0015	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

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

Job ID: 480-232020-1

Client Sample ID: MW-4

Date Collected: 08/21/25 11:30
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-1

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			08/25/25 17:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 17:35	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 17:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*08/25/25 17:35*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*08/25/25 17:35*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*08/25/25 17:35*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/25/25 17:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**1.1**	**J**	5.0	0.41	ug/L		08/22/25 13:14	08/25/25 18:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/25 13:14	08/25/25 18:16	1
Anthracene	ND		5.0	0.28	ug/L		08/22/25 13:14	08/25/25 18:16	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/25/25 18:16	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/25/25 18:16	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/25/25 18:16	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/22/25 13:14	08/25/25 18:16	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/22/25 13:14	08/25/25 18:16	1
Chrysene	ND		5.0	0.33	ug/L		08/22/25 13:14	08/25/25 18:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/25 13:14	08/25/25 18:16	1
Fluoranthene	**1.4**	**J**	5.0	0.40	ug/L		08/22/25 13:14	08/25/25 18:16	1
Fluorene	**0.85**	**J**	5.0	0.36	ug/L		08/22/25 13:14	08/25/25 18:16	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/25/25 18:16	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/25 13:14	08/25/25 18:16	1
Phenanthrene	**0.52**	**J**	5.0	0.44	ug/L		08/22/25 13:14	08/25/25 18:16	1
Pyrene	**2.1**	**J**	5.0	0.34	ug/L		08/22/25 13:14	08/25/25 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*53 - 126*	*08/22/25 13:14*	*08/25/25 18:16*	*1*
Nitrobenzene-d5 (Surr)	*86*		*29 - 129*	*08/22/25 13:14*	*08/25/25 18:16*	*1*
p-Terphenyl-d14 (Surr)	*71*		*33 - 132*	*08/22/25 13:14*	*08/25/25 18:16*	*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		08/25/25 07:51	08/25/25 14:48	1
Antimony	ND		0.020	0.0068	mg/L		08/25/25 07:51	08/25/25 14:48	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/25 07:51	08/25/25 14:48	1
Barium	**0.26**		0.0020	0.00070	mg/L		08/25/25 07:51	08/25/25 14:48	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/25 07:51	08/25/25 14:48	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/25 07:51	08/25/25 14:48	1
Calcium	**175**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 14:48	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/25 07:51	08/25/25 14:48	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/25 07:51	08/25/25 14:48	1
Copper	ND		0.010	0.0016	mg/L		08/25/25 07:51	08/25/25 14:48	1
Iron	**24.0**		0.050	0.019	mg/L		08/25/25 07:51	08/25/25 14:48	1
Lead	ND		0.010	0.0030	mg/L		08/25/25 07:51	08/25/25 14:48	1
Magnesium	**29.9**		0.20	0.043	mg/L		08/25/25 07:51	08/25/25 14:48	1

Client Sample ID: MW-4

Date Collected: 08/21/25 11:30
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.95**		0.0030	0.00040	mg/L		08/25/25 07:51	08/25/25 14:48	1
Nickel	ND		0.010	0.0013	mg/L		08/25/25 07:51	08/25/25 14:48	1
Potassium	**7.3**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 14:48	1
Selenium	ND		0.025	0.0087	mg/L		08/25/25 07:51	08/25/25 14:48	1
Silver	ND	^5-	0.0060	0.0017	mg/L		08/25/25 07:51	08/25/25 14:48	1
Sodium	**33.5**		1.0	0.32	mg/L		08/25/25 07:51	08/25/25 14:48	1
Thallium	ND		0.020	0.010	mg/L		08/25/25 07:51	08/25/25 14:48	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 07:51	08/25/25 14:48	1
Zinc	**0.015**		0.010	0.0015	mg/L		08/25/25 07:51	08/25/25 14:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	F1	0.010	0.0041	mg/L			08/28/25 20:38	1

Client Sample ID: MW-12

Date Collected: 08/21/25 13:00
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-2
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			08/25/25 17:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 17:58	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 17:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/25/25 17:58*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*08/25/25 17:58*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*08/25/25 17:58*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/25/25 17:58*	*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		08/22/25 13:14	08/26/25 13:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/25 13:14	08/26/25 13:39	1
Anthracene	ND		5.0	0.28	ug/L		08/22/25 13:14	08/26/25 13:39	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 13:39	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 13:39	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 13:39	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/22/25 13:14	08/26/25 13:39	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/22/25 13:14	08/26/25 13:39	1
Chrysene	ND		5.0	0.33	ug/L		08/22/25 13:14	08/26/25 13:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/25 13:14	08/26/25 13:39	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/25 13:14	08/26/25 13:39	1
Fluorene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 13:39	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 13:39	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/25 13:14	08/26/25 13:39	1
Phenanthrene	ND		5.0	0.44	ug/L		08/22/25 13:14	08/26/25 13:39	1
Pyrene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 13:39	1

Client Sample ID: MW-12

Date Collected: 08/21/25 13:00
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-2
Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*53 - 126*	*08/22/25 13:14*	*08/26/25 13:39*	*1*
Nitrobenzene-d5 (Surr)	*65*		*29 - 129*	*08/22/25 13:14*	*08/26/25 13:39*	*1*
p-Terphenyl-d14 (Surr)	*65*		*33 - 132*	*08/22/25 13:14*	*08/26/25 13:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.10**	**J**	0.20	0.060	mg/L		08/25/25 07:51	08/25/25 14:57	1
Antimony	ND		0.020	0.0068	mg/L		08/25/25 07:51	08/25/25 14:57	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/25 07:51	08/25/25 14:57	1
Barium	**0.16**		0.0020	0.00070	mg/L		08/25/25 07:51	08/25/25 14:57	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/25 07:51	08/25/25 14:57	1
Cadmium	**0.00054**	**J B**	0.0020	0.00050	mg/L		08/25/25 07:51	08/25/25 14:57	1
Calcium	**117**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 14:57	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/25 07:51	08/25/25 14:57	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/25 07:51	08/25/25 14:57	1
Copper	**0.0027**	**J**	0.010	0.0016	mg/L		08/25/25 07:51	08/25/25 14:57	1
Iron	**13.1**		0.050	0.019	mg/L		08/25/25 07:51	08/25/25 14:57	1
Lead	ND		0.010	0.0030	mg/L		08/25/25 07:51	08/25/25 14:57	1
Magnesium	**18.6**		0.20	0.043	mg/L		08/25/25 07:51	08/25/25 14:57	1
Manganese	**0.57**		0.0030	0.00040	mg/L		08/25/25 07:51	08/25/25 14:57	1
Nickel	ND		0.010	0.0013	mg/L		08/25/25 07:51	08/25/25 14:57	1
Potassium	**15.8**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 14:57	1
Selenium	ND		0.025	0.0087	mg/L		08/25/25 07:51	08/25/25 14:57	1
Silver	ND	^5-	0.0060	0.0017	mg/L		08/25/25 07:51	08/25/25 14:57	1
Sodium	**67.9**		1.0	0.32	mg/L		08/25/25 07:51	08/25/25 14:57	1
Thallium	ND		0.020	0.010	mg/L		08/25/25 07:51	08/25/25 14:57	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 07:51	08/25/25 14:57	1
Zinc	**0.016**		0.010	0.0015	mg/L		08/25/25 07:51	08/25/25 14:57	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			08/28/25 20:02	1

Client Sample ID: MW-14

Date Collected: 08/21/25 11:55
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-3
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			08/25/25 18:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 18:21	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 18:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*08/25/25 18:21*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*08/25/25 18:21*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*08/25/25 18:21*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/25/25 18:21*	*1*

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

Job ID: 480-232020-1

Client Sample ID: MW-14
Date Collected: 08/21/25 11:55
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-3
Matrix: Ground Water

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		08/22/25 13:14	08/26/25 14:06	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/25 13:14	08/26/25 14:06	1
Anthracene	ND		5.0	0.28	ug/L		08/22/25 13:14	08/26/25 14:06	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 14:06	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 14:06	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 14:06	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/22/25 13:14	08/26/25 14:06	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/22/25 13:14	08/26/25 14:06	1
Chrysene	ND		5.0	0.33	ug/L		08/22/25 13:14	08/26/25 14:06	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/25 13:14	08/26/25 14:06	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/25 13:14	08/26/25 14:06	1
Fluorene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 14:06	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 14:06	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/25 13:14	08/26/25 14:06	1
Phenanthrene	ND		5.0	0.44	ug/L		08/22/25 13:14	08/26/25 14:06	1
Pyrene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*53 - 126*	*08/22/25 13:14*	*08/26/25 14:06*	*1*
Nitrobenzene-d5 (Surr)	*81*		*29 - 129*	*08/22/25 13:14*	*08/26/25 14:06*	*1*
p-Terphenyl-d14 (Surr)	*91*		*33 - 132*	*08/22/25 13:14*	*08/26/25 14:06*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.40**		0.20	0.060	mg/L		08/25/25 07:51	08/25/25 15:16	1
Antimony	ND		0.020	0.0068	mg/L		08/25/25 07:51	08/25/25 15:16	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/25 07:51	08/25/25 15:16	1
Barium	**0.032**		0.0020	0.00070	mg/L		08/25/25 07:51	08/25/25 15:16	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/25 07:51	08/25/25 15:16	1
Cadmium	**0.00052**	**J B**	0.0020	0.00050	mg/L		08/25/25 07:51	08/25/25 15:16	1
Calcium	**84.1**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:16	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/25 07:51	08/25/25 15:16	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/25 07:51	08/25/25 15:16	1
Copper	**0.0027**	**J**	0.010	0.0016	mg/L		08/25/25 07:51	08/25/25 15:16	1
Iron	**0.38**		0.050	0.019	mg/L		08/25/25 07:51	08/25/25 15:16	1
Lead	ND		0.010	0.0030	mg/L		08/25/25 07:51	08/25/25 15:16	1
Magnesium	**20.2**		0.20	0.043	mg/L		08/25/25 07:51	08/25/25 15:16	1
Manganese	**0.84**		0.0030	0.00040	mg/L		08/25/25 07:51	08/25/25 15:16	1
Nickel	ND		0.010	0.0013	mg/L		08/25/25 07:51	08/25/25 15:16	1
Potassium	**1.6**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:16	1
Selenium	ND		0.025	0.0087	mg/L		08/25/25 07:51	08/25/25 15:16	1
Silver	ND	^5-	0.0060	0.0017	mg/L		08/25/25 07:51	08/25/25 15:16	1
Sodium	**10.7**		1.0	0.32	mg/L		08/25/25 07:51	08/25/25 15:16	1
Thallium	ND		0.020	0.010	mg/L		08/25/25 07:51	08/25/25 15:16	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 07:51	08/25/25 15:16	1
Zinc	**0.0018**	**J**	0.010	0.0015	mg/L		08/25/25 07:51	08/25/25 15:16	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			08/28/25 20:06	1

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

Job ID: 480-232020-1

Client Sample ID: MW-15

Date Collected: 08/21/25 13:15
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-4

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			08/25/25 18:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 18:44	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 18:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*08/25/25 18:44*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*08/25/25 18:44*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*08/25/25 18:44*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*08/25/25 18:44*	*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		08/22/25 13:14	08/26/25 14:33	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/25 13:14	08/26/25 14:33	1
Anthracene	ND		5.0	0.28	ug/L		08/22/25 13:14	08/26/25 14:33	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 14:33	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 14:33	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 14:33	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/22/25 13:14	08/26/25 14:33	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/22/25 13:14	08/26/25 14:33	1
Chrysene	ND		5.0	0.33	ug/L		08/22/25 13:14	08/26/25 14:33	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/25 13:14	08/26/25 14:33	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/25 13:14	08/26/25 14:33	1
Fluorene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 14:33	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 14:33	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/25 13:14	08/26/25 14:33	1
Phenanthrene	**0.49**	**J**	5.0	0.44	ug/L		08/22/25 13:14	08/26/25 14:33	1
Pyrene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*94*		*53 - 126*	*08/22/25 13:14*	*08/26/25 14:33*	*1*
Nitrobenzene-d5 (Surr)	*86*		*29 - 129*	*08/22/25 13:14*	*08/26/25 14:33*	*1*
p-Terphenyl-d14 (Surr)	*84*		*33 - 132*	*08/22/25 13:14*	*08/26/25 14:33*	*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		08/25/25 07:51	08/25/25 15:18	1
Antimony	ND		0.020	0.0068	mg/L		08/25/25 07:51	08/25/25 15:18	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/25 07:51	08/25/25 15:18	1
Barium	**0.20**		0.0020	0.00070	mg/L		08/25/25 07:51	08/25/25 15:18	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/25 07:51	08/25/25 15:18	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/25 07:51	08/25/25 15:18	1
Calcium	**170**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:18	1
Chromium	**0.0052**		0.0040	0.0010	mg/L		08/25/25 07:51	08/25/25 15:18	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/25 07:51	08/25/25 15:18	1
Copper	ND		0.010	0.0016	mg/L		08/25/25 07:51	08/25/25 15:18	1
Iron	**14.4**		0.050	0.019	mg/L		08/25/25 07:51	08/25/25 15:18	1
Lead	ND		0.010	0.0030	mg/L		08/25/25 07:51	08/25/25 15:18	1
Magnesium	**26.4**		0.20	0.043	mg/L		08/25/25 07:51	08/25/25 15:18	1

Client Sample ID: MW-15

Date Collected: 08/21/25 13:15
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.69**		0.0030	0.00040	mg/L		08/25/25 07:51	08/25/25 15:18	1
Nickel	**0.0027**	**J**	0.010	0.0013	mg/L		08/25/25 07:51	08/25/25 15:18	1
Potassium	**7.1**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:18	1
Selenium	ND		0.025	0.0087	mg/L		08/25/25 07:51	08/25/25 15:18	1
Silver	ND	^5-	0.0060	0.0017	mg/L		08/25/25 07:51	08/25/25 15:18	1
Sodium	**43.5**		1.0	0.32	mg/L		08/25/25 07:51	08/25/25 15:18	1
Thallium	ND		0.020	0.010	mg/L		08/25/25 07:51	08/25/25 15:18	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 07:51	08/25/25 15:18	1
Zinc	ND		0.010	0.0015	mg/L		08/25/25 07:51	08/25/25 15:18	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			08/28/25 20:10	1

Client Sample ID: TRIP BLANK

Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-5
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			08/25/25 19:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 19:07	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 19:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 120*		*08/25/25 19:07*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*08/25/25 19:07*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/25/25 19:07*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*08/25/25 19:07*	*1*

Client Sample ID: DUP-20250821

Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-6
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			08/25/25 19:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 19:31	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 19:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*77 - 120*		*08/25/25 19:31*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*08/25/25 19:31*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*08/25/25 19:31*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/25/25 19:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**1.3**	**J**	5.0	0.41	ug/L		08/22/25 13:14	08/26/25 15:00	1

Client Sample ID: DUP-20250821
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-6
Matrix: Water

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		08/22/25 13:14	08/26/25 15:00	1
Anthracene	ND		5.0	0.28	ug/L		08/22/25 13:14	08/26/25 15:00	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 15:00	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 15:00	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 15:00	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/22/25 13:14	08/26/25 15:00	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/22/25 13:14	08/26/25 15:00	1
Chrysene	ND		5.0	0.33	ug/L		08/22/25 13:14	08/26/25 15:00	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/25 13:14	08/26/25 15:00	1
Fluoranthene	**1.5**	**J**	5.0	0.40	ug/L		08/22/25 13:14	08/26/25 15:00	1
Fluorene	**0.93**	**J**	5.0	0.36	ug/L		08/22/25 13:14	08/26/25 15:00	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 15:00	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/25 13:14	08/26/25 15:00	1
Phenanthrene	**0.57**	**J**	5.0	0.44	ug/L		08/22/25 13:14	08/26/25 15:00	1
Pyrene	**2.2**	**J**	5.0	0.34	ug/L		08/22/25 13:14	08/26/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*53 - 126*	*08/22/25 13:14*	*08/26/25 15:00*	*1*
Nitrobenzene-d5 (Surr)	*85*		*29 - 129*	*08/22/25 13:14*	*08/26/25 15:00*	*1*
p-Terphenyl-d14 (Surr)	*85*		*33 - 132*	*08/22/25 13:14*	*08/26/25 15:00*	*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		08/25/25 07:51	08/25/25 15:20	1
Antimony	ND		0.020	0.0068	mg/L		08/25/25 07:51	08/25/25 15:20	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/25 07:51	08/25/25 15:20	1
Barium	**0.26**		0.0020	0.00070	mg/L		08/25/25 07:51	08/25/25 15:20	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/25 07:51	08/25/25 15:20	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/25 07:51	08/25/25 15:20	1
Calcium	**175**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:20	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/25 07:51	08/25/25 15:20	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/25 07:51	08/25/25 15:20	1
Copper	ND		0.010	0.0016	mg/L		08/25/25 07:51	08/25/25 15:20	1
Iron	**23.6**		0.050	0.019	mg/L		08/25/25 07:51	08/25/25 15:20	1
Lead	ND		0.010	0.0030	mg/L		08/25/25 07:51	08/25/25 15:20	1
Magnesium	**30.0**		0.20	0.043	mg/L		08/25/25 07:51	08/25/25 15:20	1
Manganese	**0.95**		0.0030	0.00040	mg/L		08/25/25 07:51	08/25/25 15:20	1
Nickel	ND		0.010	0.0013	mg/L		08/25/25 07:51	08/25/25 15:20	1
Potassium	**7.3**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:20	1
Selenium	ND		0.025	0.0087	mg/L		08/25/25 07:51	08/25/25 15:20	1
Silver	ND	^5-	0.0060	0.0017	mg/L		08/25/25 07:51	08/25/25 15:20	1
Sodium	**33.9**		1.0	0.32	mg/L		08/25/25 07:51	08/25/25 15:20	1
Thallium	ND		0.020	0.010	mg/L		08/25/25 07:51	08/25/25 15:20	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 07:51	08/25/25 15:20	1
Zinc	**0.015**		0.010	0.0015	mg/L		08/25/25 07:51	08/25/25 15:20	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			08/28/25 20:58	1

Surrogate Summary

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

Job ID: 480-232020-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-232020-1	MW-4	111	96	105	103
480-232020-1 MS	MW-4	106	93	101	101
480-232020-1 MSD	MW-4	107	99	105	106
480-232020-2	MW-12	104	91	100	98
480-232020-3	MW-14	103	89	97	96
480-232020-4	MW-15	112	97	108	106

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**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-232020-6	DUP-20250821	118	93	106	103
LCS 480-755198/6	Lab Control Sample	105	94	103	98
MB 480-755198/9	Method Blank	102	95	96	96

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**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-232020-5	TRIP BLANK	114	100	109	107

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**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(53-126)	(29-129)	(33-132)
480-232020-1	MW-4	86	86	71
480-232020-1 MS	MW-4	85	86	70
480-232020-1 MSD	MW-4	82	83	63

Surrogate Summary

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

Job ID: 480-232020-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(53-126)	(29-129)	(33-132)
480-232020-2	MW-12	67	65	65
480-232020-3	MW-14	87	81	91
480-232020-4	MW-15	94	86	84

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)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(53-126)	(29-129)	(33-132)
480-232020-6	DUP-20250821	90	85	85
LCS 480-755102/2-A	Lab Control Sample	92	94	103
MB 480-755102/1-A	Method Blank	83	79	99

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

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

Lab Sample ID: MB 480-755198/9
Matrix: Water
Analysis Batch: 755198

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/25/25 13:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 13:41	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 13:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 13:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/25/25 13:41*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*08/25/25 13:41*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*08/25/25 13:41*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/25/25 13:41*	*1*

Lab Sample ID: LCS 480-755198/6
Matrix: Water
Analysis Batch: 755198

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	25.0	24.6		ug/L		98	71 - 124
Ethylbenzene	25.0	24.4		ug/L		98	77 - 123
Toluene	25.0	23.9		ug/L		96	80 - 122
Xylenes, Total	50.0	48.3		ug/L		97	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 480-232020-1 MS
Matrix: Ground Water
Analysis Batch: 755198

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
Benzene	ND		25.0	25.4		ug/L		102	71 - 124
Ethylbenzene	ND		25.0	26.3		ug/L		105	77 - 123
Toluene	ND		25.0	25.3		ug/L		101	80 - 122
Xylenes, Total	ND		50.0	51.0		ug/L		102	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: 480-232020-1 MSD
Matrix: Ground Water
Analysis Batch: 755198

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	26.9		ug/L		108	71 - 124	6	13
Ethylbenzene	ND		25.0	27.2		ug/L		109	77 - 123	3	15
Toluene	ND		25.0	26.6		ug/L		106	80 - 122	5	15
Xylenes, Total	ND		50.0	53.8		ug/L		108	76 - 122	5	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*
Toluene-d8 (Surr)	*106*		*80 - 120*

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

Lab Sample ID: MB 480-755102/1-A
Matrix: Water
Analysis Batch: 755169

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 755102

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		08/22/25 13:14	08/25/25 16:02	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/25 13:14	08/25/25 16:02	1
Anthracene	ND		5.0	0.28	ug/L		08/22/25 13:14	08/25/25 16:02	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/25/25 16:02	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/25/25 16:02	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/25/25 16:02	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/22/25 13:14	08/25/25 16:02	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/22/25 13:14	08/25/25 16:02	1
Chrysene	ND		5.0	0.33	ug/L		08/22/25 13:14	08/25/25 16:02	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/25 13:14	08/25/25 16:02	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/25 13:14	08/25/25 16:02	1
Fluorene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/25/25 16:02	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/25/25 16:02	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/25 13:14	08/25/25 16:02	1
Phenanthrene	ND		5.0	0.44	ug/L		08/22/25 13:14	08/25/25 16:02	1
Pyrene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/25/25 16:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*53 - 126*	*08/22/25 13:14*	*08/25/25 16:02*	*1*
Nitrobenzene-d5 (Surr)	*79*		*29 - 129*	*08/22/25 13:14*	*08/25/25 16:02*	*1*
p-Terphenyl-d14 (Surr)	*99*		*33 - 132*	*08/22/25 13:14*	*08/25/25 16:02*	*1*

Lab Sample ID: LCS 480-755102/2-A
Matrix: Water
Analysis Batch: 755169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 755102

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	29.0		ug/L		91	60 - 120
Acenaphthylene	32.0	30.1		ug/L		94	63 - 120
Anthracene	32.0	32.1		ug/L		100	67 - 120

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

Lab Sample ID: LCS 480-755102/2-A
Matrix: Water
Analysis Batch: 755169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 755102

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzo[a]anthracene			32.0	32.6		ug/L		102	70 - 121		
Benzo[a]pyrene			32.0	32.2		ug/L		101	60 - 123		
Benzo[b]fluoranthene			32.0	31.4		ug/L		98	66 - 126		
Benzo[g,h,i]perylene			32.0	31.8		ug/L		99	66 - 150		
Benzo[k]fluoranthene			32.0	32.6		ug/L		102	65 - 124		
Chrysene			32.0	31.9		ug/L		100	69 - 120		
Dibenz(a,h)anthracene			32.0	33.1		ug/L		103	65 - 135		
Fluoranthene			32.0	32.8		ug/L		103	69 - 126		
Fluorene			32.0	31.1		ug/L		97	66 - 120		
Indeno[1,2,3-cd]pyrene			32.0	32.2		ug/L		101	69 - 146		
Naphthalene			32.0	26.4		ug/L		83	57 - 120		
Phenanthrene			32.0	31.3		ug/L		98	68 - 120		
Pyrene			32.0	33.6		ug/L		105	70 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*92*		*53 - 126*
Nitrobenzene-d5 (Surr)	*94*		*29 - 129*
p-Terphenyl-d14 (Surr)	*103*		*33 - 132*

Lab Sample ID: 480-232020-1 MS
Matrix: Ground Water
Analysis Batch: 755169

Client Sample ID: MW-4
Prep Type: Total/NA
Prep Batch: 755102

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	1.1	J	32.0	27.7		ug/L		83	48 - 120		
Acenaphthylene	ND		32.0	27.5		ug/L		86	63 - 120		
Anthracene	ND		32.0	26.6		ug/L		83	65 - 122		
Benzo[a]anthracene	ND		32.0	26.8		ug/L		84	43 - 124		
Benzo[a]pyrene	ND		32.0	24.0		ug/L		75	23 - 125		
Benzo[b]fluoranthene	ND		32.0	24.5		ug/L		76	27 - 127		
Benzo[g,h,i]perylene	ND		32.0	23.4		ug/L		73	16 - 147		
Benzo[k]fluoranthene	ND		32.0	23.4		ug/L		73	20 - 124		
Chrysene	ND		32.0	26.4		ug/L		83	44 - 122		
Dibenz(a,h)anthracene	ND		32.0	24.0		ug/L		75	16 - 139		
Fluoranthene	1.4	J	32.0	29.2		ug/L		87	63 - 129		
Fluorene	0.85	J	32.0	29.1		ug/L		88	62 - 120		
Indeno[1,2,3-cd]pyrene	ND		32.0	23.6		ug/L		74	16 - 140		
Naphthalene	ND		32.0	24.4		ug/L		76	45 - 120		
Phenanthrene	0.52	J	32.0	30.3		ug/L		93	65 - 122		
Pyrene	2.1	J	32.0	31.5		ug/L		92	58 - 128		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*85*		*53 - 126*
Nitrobenzene-d5 (Surr)	*86*		*29 - 129*
p-Terphenyl-d14 (Surr)	*70*		*33 - 132*

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

Lab Sample ID: 480-232020-1 MSD
Matrix: Ground Water
Analysis Batch: 755169

Client Sample ID: MW-4
Prep Type: Total/NA
Prep Batch: 755102

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	1.1	J	32.0	26.5		ug/L		79	48 - 120	4	24
Acenaphthylene	ND		32.0	26.7		ug/L		84	63 - 120	3	18
Anthracene	ND		32.0	25.5		ug/L		80	65 - 122	4	15
Benzo[a]anthracene	ND		32.0	24.9		ug/L		78	43 - 124	7	15
Benzo[a]pyrene	ND		32.0	22.4		ug/L		70	23 - 125	7	15
Benzo[b]fluoranthene	ND		32.0	22.4		ug/L		70	27 - 127	9	15
Benzo[g,h,i]perylene	ND		32.0	21.7		ug/L		68	16 - 147	7	15
Benzo[k]fluoranthene	ND		32.0	22.2		ug/L		69	20 - 124	5	22
Chrysene	ND		32.0	24.2		ug/L		76	44 - 122	9	15
Dibenz(a,h)anthracene	ND		32.0	22.1		ug/L		69	16 - 139	8	15
Fluoranthene	1.4	J	32.0	28.0		ug/L		83	63 - 129	4	15
Fluorene	0.85	J	32.0	27.9		ug/L		85	62 - 120	4	15
Indeno[1,2,3-cd]pyrene	ND		32.0	21.8		ug/L		68	16 - 140	8	15
Naphthalene	ND		32.0	23.2		ug/L		73	45 - 120	5	29
Phenanthrene	0.52	J	32.0	30.3		ug/L		93	65 - 122	0	15
Pyrene	2.1	J	32.0	30.5		ug/L		89	58 - 128	3	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*82*		*53 - 126*
Nitrobenzene-d5 (Surr)	*83*		*29 - 129*
p-Terphenyl-d14 (Surr)	*63*		*33 - 132*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-755112/1-A
Matrix: Water
Analysis Batch: 755243

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 755112

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/25 07:51	08/25/25 14:42	1
Antimony	ND		0.020	0.0068	mg/L		08/25/25 07:51	08/25/25 14:42	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/25 07:51	08/25/25 14:42	1
Barium	ND		0.0020	0.00070	mg/L		08/25/25 07:51	08/25/25 14:42	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/25 07:51	08/25/25 14:42	1
Cadmium	0.000510	J	0.0020	0.00050	mg/L		08/25/25 07:51	08/25/25 14:42	1
Calcium	ND		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 14:42	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/25 07:51	08/25/25 14:42	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/25 07:51	08/25/25 14:42	1
Copper	ND		0.010	0.0016	mg/L		08/25/25 07:51	08/25/25 14:42	1
Iron	ND		0.050	0.019	mg/L		08/25/25 07:51	08/25/25 14:42	1
Lead	ND		0.010	0.0030	mg/L		08/25/25 07:51	08/25/25 14:42	1
Magnesium	ND		0.20	0.043	mg/L		08/25/25 07:51	08/25/25 14:42	1
Manganese	ND		0.0030	0.00040	mg/L		08/25/25 07:51	08/25/25 14:42	1
Nickel	ND		0.010	0.0013	mg/L		08/25/25 07:51	08/25/25 14:42	1
Potassium	ND		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 14:42	1
Selenium	ND		0.025	0.0087	mg/L		08/25/25 07:51	08/25/25 14:42	1
Silver	ND	^5-	0.0060	0.0017	mg/L		08/25/25 07:51	08/25/25 14:42	1
Sodium	ND		1.0	0.32	mg/L		08/25/25 07:51	08/25/25 14:42	1

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

Lab Sample ID: MB 480-755112/1-A
Matrix: Water
Analysis Batch: 755243

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 755112

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.020	0.010	mg/L		08/25/25 07:51	08/25/25 14:42	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 07:51	08/25/25 14:42	1
Zinc	ND		0.010	0.0015	mg/L		08/25/25 07:51	08/25/25 14:42	1

Lab Sample ID: LCS 480-755112/2-A
Matrix: Water
Analysis Batch: 755243

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 755112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.11	5.04		mg/L		99	80 - 120
Antimony	0.500	0.486		mg/L		97	80 - 120
Arsenic	1.00	0.991		mg/L		99	80 - 120
Barium	1.00	1.03		mg/L		103	80 - 120
Beryllium	0.496	0.519		mg/L		105	80 - 120
Cadmium	0.500	0.485		mg/L		97	80 - 120
Calcium	25.0	25.48		mg/L		102	80 - 120
Chromium	0.500	0.490		mg/L		98	80 - 120
Cobalt	0.500	0.463		mg/L		93	80 - 120
Copper	0.500	0.498		mg/L		100	80 - 120
Iron	5.12	5.55		mg/L		108	80 - 120
Lead	0.500	0.478		mg/L		96	80 - 120
Magnesium	25.0	23.85		mg/L		95	80 - 120
Manganese	0.498	0.498		mg/L		100	80 - 120
Nickel	0.500	0.476		mg/L		95	80 - 120
Potassium	25.0	24.94		mg/L		100	80 - 120
Selenium	1.00	0.926		mg/L		93	80 - 120
Silver	0.0500	0.0486	^5-	mg/L		97	80 - 120
Sodium	25.0	24.54		mg/L		98	80 - 120
Thallium	0.999	0.944		mg/L		95	80 - 120
Vanadium	0.500	0.497		mg/L		99	80 - 120
Zinc	0.500	0.483		mg/L		97	80 - 120

Lab Sample ID: LCSD 480-755112/3-A
Matrix: Water
Analysis Batch: 755243

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 755112

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.11	5.05		mg/L		99	80 - 120	0	20
Antimony	0.500	0.478		mg/L		96	80 - 120	2	20
Arsenic	1.00	0.980		mg/L		98	80 - 120	1	20
Barium	1.00	1.02		mg/L		102	80 - 120	1	20
Beryllium	0.496	0.516		mg/L		104	80 - 120	1	20
Cadmium	0.500	0.478		mg/L		96	80 - 120	1	20
Calcium	25.0	25.52		mg/L		102	80 - 120	0	20
Chromium	0.500	0.483		mg/L		97	80 - 120	2	20
Cobalt	0.500	0.456		mg/L		91	80 - 120	1	20
Copper	0.500	0.489		mg/L		98	80 - 120	2	20
Iron	5.12	5.49		mg/L		107	80 - 120	1	20
Lead	0.500	0.471		mg/L		94	80 - 120	2	20

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

Lab Sample ID: LCSD 480-755112/3-A
Matrix: Water
Analysis Batch: 755243

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 755112

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	25.0	23.76		mg/L		95	80 - 120	0	20
Manganese	0.498	0.492		mg/L		99	80 - 120	1	20
Nickel	0.500	0.468		mg/L		94	80 - 120	2	20
Potassium	25.0	24.96		mg/L		100	80 - 120	0	20
Selenium	1.00	0.912		mg/L		91	80 - 120	2	20
Silver	0.0500	0.0474	^5-	mg/L		95	80 - 120	2	20
Sodium	25.0	24.36		mg/L		97	80 - 120	1	20
Thallium	0.999	0.923		mg/L		92	80 - 120	2	20
Vanadium	0.500	0.491		mg/L		98	80 - 120	1	20
Zinc	0.500	0.475		mg/L		95	80 - 120	2	20

Lab Sample ID: 480-232020-1 MS
Matrix: Ground Water
Analysis Batch: 755243

Client Sample ID: MW-4
Prep Type: Total/NA
Prep Batch: 755112

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	ND		5.11	5.05		mg/L		99	75 - 125
Antimony	ND		0.500	0.484		mg/L		97	75 - 125
Arsenic	ND		1.00	0.997		mg/L		100	75 - 125
Barium	0.26		1.00	1.26		mg/L		100	75 - 125
Beryllium	ND		0.496	0.514		mg/L		104	75 - 125
Cadmium	ND		0.500	0.487		mg/L		97	75 - 125
Calcium	175		25.0	195.6	4	mg/L		83	75 - 125
Chromium	ND		0.500	0.479		mg/L		96	75 - 125
Cobalt	ND		0.500	0.466		mg/L		93	75 - 125
Copper	ND		0.500	0.501		mg/L		100	75 - 125
Iron	24.0		5.12	28.40	4	mg/L		86	75 - 125
Lead	ND		0.500	0.480		mg/L		96	75 - 125
Magnesium	29.9		25.0	53.20		mg/L		93	75 - 125
Manganese	0.95		0.498	1.42		mg/L		94	75 - 125
Nickel	ND		0.500	0.477		mg/L		95	75 - 125
Potassium	7.3		25.0	32.53		mg/L		101	75 - 125
Selenium	ND		1.00	0.926		mg/L		93	75 - 125
Silver	ND	^5-	0.0500	0.0494	^5-	mg/L		99	75 - 125
Sodium	33.5		25.0	58.12		mg/L		99	75 - 125
Thallium	ND		0.999	0.924		mg/L		93	75 - 125
Vanadium	ND		0.500	0.493		mg/L		99	75 - 125
Zinc	0.015		0.500	0.478		mg/L		92	75 - 125

Lab Sample ID: 480-232020-1 MSD
Matrix: Ground Water
Analysis Batch: 755243

Client Sample ID: MW-4
Prep Type: Total/NA
Prep Batch: 755112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	ND		5.11	5.14		mg/L		100	75 - 125	2	20
Antimony	ND		0.500	0.489		mg/L		98	75 - 125	1	20
Arsenic	ND		1.00	1.00		mg/L		100	75 - 125	1	20
Barium	0.26		1.00	1.27		mg/L		101	75 - 125	1	20
Beryllium	ND		0.496	0.519		mg/L		105	75 - 125	1	20

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

Lab Sample ID: 480-232020-1 MSD
Matrix: Ground Water
Analysis Batch: 755243

Client Sample ID: MW-4
Prep Type: Total/NA
Prep Batch: 755112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	ND		0.500	0.489		mg/L		98	75 - 125	0	20
Calcium	175		25.0	196.8	4	mg/L		88	75 - 125	1	20
Chromium	ND		0.500	0.482		mg/L		96	75 - 125	1	20
Cobalt	ND		0.500	0.467		mg/L		93	75 - 125	0	20
Copper	ND		0.500	0.504		mg/L		101	75 - 125	1	20
Iron	24.0		5.12	28.46	4	mg/L		87	75 - 125	0	20
Lead	ND		0.500	0.483		mg/L		97	75 - 125	1	20
Magnesium	29.9		25.0	53.74		mg/L		95	75 - 125	1	20
Manganese	0.95		0.498	1.43		mg/L		96	75 - 125	1	20
Nickel	ND		0.500	0.477		mg/L		95	75 - 125	0	20
Potassium	7.3		25.0	33.08		mg/L		103	75 - 125	2	20
Selenium	ND		1.00	0.935		mg/L		94	75 - 125	1	20
Silver	ND	^5-	0.0500	0.0490	^5-	mg/L		98	75 - 125	1	20
Sodium	33.5		25.0	58.19		mg/L		99	75 - 125	0	20
Thallium	ND		0.999	0.932		mg/L		93	75 - 125	1	20
Vanadium	ND		0.500	0.497		mg/L		99	75 - 125	1	20
Zinc	0.015		0.500	0.487		mg/L		94	75 - 125	2	20

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

Lab Sample ID: MB 480-755637/11
Matrix: Water
Analysis Batch: 755637

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND	^+	0.010	0.0041	mg/L			08/28/25 18:46	1

Lab Sample ID: MB 480-755637/37
Matrix: Water
Analysis Batch: 755637

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0041	mg/L			08/28/25 20:30	1

Lab Sample ID: HLCS 480-755637/12
Matrix: Water
Analysis Batch: 755637

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

Analyte			Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.500	0.456	^+	mg/L		91	90 - 110		

Lab Sample ID: LCS 480-755637/13
Matrix: Water
Analysis Batch: 755637

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	0.242	^+	mg/L		97	90 - 110		

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

Lab Sample ID: LCS 480-755637/38
Matrix: Water
Analysis Batch: 755637

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	0.259		mg/L		104	90 - 110		

Lab Sample ID: 480-232020-1 MS
Matrix: Ground Water
Analysis Batch: 755637

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	ND	F1	0.500	0.0376	F1	mg/L		8	90 - 110		

Lab Sample ID: 480-232020-1 MSD
Matrix: Ground Water
Analysis Batch: 755637

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	ND	F1	0.500	0.0373	F1	mg/L		7	90 - 110	1	15

GC/MS VOA

Analysis Batch: 755198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232020-1	MW-4	Total/NA	Ground Water	8260C	
480-232020-2	MW-12	Total/NA	Ground Water	8260C	
480-232020-3	MW-14	Total/NA	Ground Water	8260C	
480-232020-4	MW-15	Total/NA	Ground Water	8260C	
480-232020-5	TRIP BLANK	Total/NA	WQ	8260C	
480-232020-6	DUP-20250821	Total/NA	Water	8260C	
MB 480-755198/9	Method Blank	Total/NA	Water	8260C	
LCS 480-755198/6	Lab Control Sample	Total/NA	Water	8260C	
480-232020-1 MS	MW-4	Total/NA	Ground Water	8260C	
480-232020-1 MSD	MW-4	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 755102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232020-1	MW-4	Total/NA	Ground Water	3510C	
480-232020-2	MW-12	Total/NA	Ground Water	3510C	
480-232020-3	MW-14	Total/NA	Ground Water	3510C	
480-232020-4	MW-15	Total/NA	Ground Water	3510C	
480-232020-6	DUP-20250821	Total/NA	Water	3510C	
MB 480-755102/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-755102/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-232020-1 MS	MW-4	Total/NA	Ground Water	3510C	
480-232020-1 MSD	MW-4	Total/NA	Ground Water	3510C	

Analysis Batch: 755169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232020-1	MW-4	Total/NA	Ground Water	8270D	755102
MB 480-755102/1-A	Method Blank	Total/NA	Water	8270D	755102
LCS 480-755102/2-A	Lab Control Sample	Total/NA	Water	8270D	755102
480-232020-1 MS	MW-4	Total/NA	Ground Water	8270D	755102
480-232020-1 MSD	MW-4	Total/NA	Ground Water	8270D	755102

Analysis Batch: 755297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232020-2	MW-12	Total/NA	Ground Water	8270D	755102
480-232020-3	MW-14	Total/NA	Ground Water	8270D	755102
480-232020-4	MW-15	Total/NA	Ground Water	8270D	755102
480-232020-6	DUP-20250821	Total/NA	Water	8270D	755102

Metals

Prep Batch: 755112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232020-1	MW-4	Total/NA	Ground Water	3005A	
480-232020-2	MW-12	Total/NA	Ground Water	3005A	
480-232020-3	MW-14	Total/NA	Ground Water	3005A	
480-232020-4	MW-15	Total/NA	Ground Water	3005A	
480-232020-6	DUP-20250821	Total/NA	Water	3005A	
MB 480-755112/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-755112/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 480-755112/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	

Metals (Continued)

Prep Batch: 755112 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232020-1 MS	MW-4	Total/NA	Ground Water	3005A	
480-232020-1 MSD	MW-4	Total/NA	Ground Water	3005A	

Analysis Batch: 755243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232020-1	MW-4	Total/NA	Ground Water	6010D	755112
480-232020-2	MW-12	Total/NA	Ground Water	6010D	755112
480-232020-3	MW-14	Total/NA	Ground Water	6010D	755112
480-232020-4	MW-15	Total/NA	Ground Water	6010D	755112
480-232020-6	DUP-20250821	Total/NA	Water	6010D	755112
MB 480-755112/1-A	Method Blank	Total/NA	Water	6010D	755112
LCS 480-755112/2-A	Lab Control Sample	Total/NA	Water	6010D	755112
LCSD 480-755112/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	755112
480-232020-1 MS	MW-4	Total/NA	Ground Water	6010D	755112
480-232020-1 MSD	MW-4	Total/NA	Ground Water	6010D	755112

General Chemistry

Analysis Batch: 755637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232020-1	MW-4	Total/NA	Ground Water	9012B	
480-232020-2	MW-12	Total/NA	Ground Water	9012B	
480-232020-3	MW-14	Total/NA	Ground Water	9012B	
480-232020-4	MW-15	Total/NA	Ground Water	9012B	
480-232020-6	DUP-20250821	Total/NA	Water	9012B	
MB 480-755637/11	Method Blank	Total/NA	Water	9012B	
MB 480-755637/37	Method Blank	Total/NA	Water	9012B	
HLCS 480-755637/12	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-755637/13	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-755637/38	Lab Control Sample	Total/NA	Water	9012B	
480-232020-1 MS	MW-4	Total/NA	Ground Water	9012B	
480-232020-1 MSD	MW-4	Total/NA	Ground Water	9012B	

Lab Chronicle

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

Job ID: 480-232020-1

Client Sample ID: MW-4
Date Collected: 08/21/25 11:30
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	755198	ATG	EET BUF	08/25/25 17:35
Total/NA	Prep	3510C			755102	LSC	EET BUF	08/22/25 13:14
Total/NA	Analysis	8270D		1	755169	JMM	EET BUF	08/25/25 18:16
Total/NA	Prep	3005A			755112	EMO	EET BUF	08/25/25 07:51
Total/NA	Analysis	6010D		1	755243	MP	EET BUF	08/25/25 14:48
Total/NA	Analysis	9012B		1	755637	IMZ	EET BUF	08/28/25 20:38

Client Sample ID: MW-12
Date Collected: 08/21/25 13:00
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	755198	ATG	EET BUF	08/25/25 17:58
Total/NA	Prep	3510C			755102	LSC	EET BUF	08/22/25 13:14
Total/NA	Analysis	8270D		1	755297	JMM	EET BUF	08/26/25 13:39
Total/NA	Prep	3005A			755112	EMO	EET BUF	08/25/25 07:51
Total/NA	Analysis	6010D		1	755243	MP	EET BUF	08/25/25 14:57
Total/NA	Analysis	9012B		1	755637	IMZ	EET BUF	08/28/25 20:02

Client Sample ID: MW-14
Date Collected: 08/21/25 11:55
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	755198	ATG	EET BUF	08/25/25 18:21
Total/NA	Prep	3510C			755102	LSC	EET BUF	08/22/25 13:14
Total/NA	Analysis	8270D		1	755297	JMM	EET BUF	08/26/25 14:06
Total/NA	Prep	3005A			755112	EMO	EET BUF	08/25/25 07:51
Total/NA	Analysis	6010D		1	755243	MP	EET BUF	08/25/25 15:16
Total/NA	Analysis	9012B		1	755637	IMZ	EET BUF	08/28/25 20:06

Client Sample ID: MW-15
Date Collected: 08/21/25 13:15
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	755198	ATG	EET BUF	08/25/25 18:44
Total/NA	Prep	3510C			755102	LSC	EET BUF	08/22/25 13:14
Total/NA	Analysis	8270D		1	755297	JMM	EET BUF	08/26/25 14:33
Total/NA	Prep	3005A			755112	EMO	EET BUF	08/25/25 07:51
Total/NA	Analysis	6010D		1	755243	MP	EET BUF	08/25/25 15:18
Total/NA	Analysis	9012B		1	755637	IMZ	EET BUF	08/28/25 20:10

Lab Chronicle

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

Job ID: 480-232020-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-232020-5

Date Collected: 08/21/25 00:00
Matrix: WQ
Date Received: 08/22/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	755198	ATG	EET BUF	08/25/25 19:07

Client Sample ID: DUP-20250821

Lab Sample ID: 480-232020-6

Date Collected: 08/21/25 00:00
Matrix: Water
Date Received: 08/22/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	755198	ATG	EET BUF	08/25/25 19:31
Total/NA	Prep	3510C			755102	LSC	EET BUF	08/22/25 13:14
Total/NA	Analysis	8270D		1	755297	JMM	EET BUF	08/26/25 15:00
Total/NA	Prep	3005A			755112	EMO	EET BUF	08/25/25 07:51
Total/NA	Analysis	6010D		1	755243	MP	EET BUF	08/25/25 15:20
Total/NA	Analysis	9012B		1	755637	IMZ	EET BUF	08/28/25 20:58

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
Job ID: 480-232020-1
Project/Site: NYSEG - Clyde

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	09-01-25

Method Summary

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

Job ID: 480-232020-1

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: 480-232020-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-232020-1	MW-4	Ground Water	08/21/25 11:30	08/22/25 09:00	New York
480-232020-2	MW-12	Ground Water	08/21/25 13:00	08/22/25 09:00	New York
480-232020-3	MW-14	Ground Water	08/21/25 11:55	08/22/25 09:00	New York
480-232020-4	MW-15	Ground Water	08/21/25 13:15	08/22/25 09:00	New York
480-232020-5	TRIP BLANK	WQ	08/21/25 00:00	08/22/25 09:00	New York
480-232020-6	DUP-20250821	Water	08/21/25 00:00	08/22/25 09:00	New York

Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: JK B KCF	Lab PM: Schove, John R	Carrier Tracking No(s): Rochester	COC No: 480-206591-41503.1
Client Contact: Mr. John Ruspantini	Phone: 619-727-1921	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: #484	Page: Page 1 of 1
Company: New York State Electric & Gas	PWSID:			Job #:
Address: 18 Link Drive	Due Date Requested:			
City: Binghamton	TAT Requested (days):			
State, Zip: NY, 13902	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: jjruspantini@nyseg.com	WO #: NYSEG-Clyde/John Ruspantini			
Project Name: NYSEG - Clyde/ Event Desc: Groundwater	Project #: 48028408			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
B - NaOH
N - None
D - HNO3
A - HCL
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B_NP - Cyanide, Total	8270D - PAH Semivolatiles	6010D - TAL Metals	8260C - BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:				B	N	D	A		
MW-4	8/21/25	1130	G	Water	N	Y	X	X	X	X	21	
MW-12	8/21/25	1300	G	Water	N	N	X	X	X	X	7	
MW-14	8/21/25	1155	G	Water	N	N	X	X	X	X	7	
MW-15	8/21/25	1315	G	Water	N		X	X	X	X	7	
DUP - 20250821	8/21/25	—	G	Water	N	N	X	X	X	X	7	
				Water								
				Water								
				Water								
TRIP BLANK		—	—	Water	N	N				X	4	
				Water								

480-232020 Chain of Custody

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	8/21/2025 1545	Arcadis	[signature]	8/21/25 1545	EET
Relinquished by: [signature]	Date/Time: 8/21/25 1650	Company EET	Received by: [signature]	Date/Time: 8/22/25 0400	Company EURO
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.9, 2.2, 2.5 BR #SC

Ver: 10/10/2024

9/2/2025

Login Sample Receipt Checklist

Client: New York State Electric & Gas

Job Number: 480-232020-1

Login Number: 232020
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins Buffalo

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

SDG # 480-232020-1

Analyses Performed By:
Eurofins Buffalo
Amherst, New York

Report # 60902R
Review Level: Tier III
Project: 30270811.02

Summary

This Data Usability Summary Report (DUSR) summarizes the review of Sample Delivery Group (SDG) # 480-232020-1 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	480-232020-1	Water	8/21/2025		X	X	X	X
MW-12	480-232020-2	Water	8/21/2025		X	X	X	X
MW-14	480-232020-3	Water	8/21/2025		X	X	X	X
MW-15	480-232020-4	Water	8/21/2025		X	X	X	X
TRIP BLANK	480-232020-5	Water	8/21/2025		X			
DUP-20250821	480-232020-6	Water	8/21/2025	MW-4	X	X	X	X

Notes:
VOC – Volatile organic compound
SVOC – Semi volatile organic compound

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 the USEPA Region II validation guidelines *Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B* (SOP #HW-24, October 2006); the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review* (January 2017); USEPA *Contract Laboratory Program National Functional Guidelines for Organic Data Review* (October 1999) and Quality Assurance Project Plan - Washington Street Former MGP Site (November 2005).

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 Compound (VOC) Analyses

1. Holding Times

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) 7 days from collection to analysis (non-preserved)	Cool to <6 °C; preserved to a pH of less than 2 s.u.

Note:
s.u. = standard units

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 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 and exhibited recoveries and RPD within the control limit.

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.

All compounds associated with 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	Duplicate Result	RPD
MW-4 / DUP-20250821	All target compounds	U	U	AC

Notes:
AC – Acceptable
U – Non detect

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 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		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks	X				X
C. Trip blanks		X		X	
Laboratory Control Sample (LCS)		X		X	
Laboratory Control Sample Duplicate(LCSD)	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS)		X		X	
Matrix Spike Duplicate(MSD)		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	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X		X	
Instrument tune and performance check		X		X	

VOCs: SW-846 8260C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
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	
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 Compound (SVOC) Analyses

1. Holding Times

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 and exhibited recoveries and RPD within the control limit.

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.

All compounds associated with 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	Duplicate Result	RPD
MW-4 / DUP-20250821	Acenaphthene	1.1 J	1.3 J	AC
	Fluoranthene	1.4 J	1.5 J	AC
	Fluorene	0.85 J	0.93 J	AC
	Phenanthrene	0.52 J	0.57 J	AC
	Pyrene	2.1 J	2.2 J	AC

Notes:
U = Non detect
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		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	

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 Method 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 reported value is estimated due to the presence of interference.

  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

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 method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Sample results less than the BAL associated with the following samples were qualified as listed in the following table.

Sample ID	Analyte	Sample Result	Qualification
MW-12 MW-14	Cadmium (MB)	Detected sample results <RL and <BAL	“UB” at RL

Notes:
MB = method blank
RL = reporting limit

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 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 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 and exhibited recoveries and RPD within the control limit.

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 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 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	Duplicate Result	RPD
MW-4 / DUP-20250821	Barium	0.26	0.26	0.0%
	Calcium	175	175	0.0%
	Iron	24	23.6	1.7%
	Magnesium	29.9	30	0.3%
	Manganese	0.95	0.95	0.0%
	Potassium	7.3	7.3	0.0%
	Sodium	33.5	33.9	1.2%
	Zinc	0.015	0.015	0.0%

Note:
AC = Acceptable

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

6. Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

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

All LCS/LCSD recoveries and RPD were within 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 within this SDG.

8 System Performance and Overall Assessment

The laboratory noted: Method 6010D: The linear range check (LRC) standard recovery associated with 480-755243 is outside the acceptance criteria for the following analytes: total Silver. 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 analyte: Silver listed above for samples MW-4, MW-12, MW-14, MW-15 and DUP-20250821 were qualified as estimated (UJ).

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 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		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.

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

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. All analytes associated with calibration standard recoveries were within control limits, with the exception of the analytes presented in the following table.

Sample ID	Initial/Continuing	Analyte	Standard Recovery
MW-12 MW-14 MW-15	CCV %D	Cyanide	112%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Control Limit	Sample Result	Qualification
< 90%	Non-detect	J
	Detect	UJ
> 110%	Non-detect	J
	Detect	UJ

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 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 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.

All analytes associated with MS recoveries were within control limits with the exception of the following analytes present in the table below.

Sample ID	Analyte	MS Recovery	MSD Recovery
MW-4	Cyanide, Total	8%	7%

The criteria used to evaluate MS recoveries are presented in the following table. In the case of an MS deviation, the sample and field duplicate DUP-20250821 results are qualified.

Control limit	Sample Result	Qualification
MS percent recovery 30% to 74%	Non-detect	UJ
	Detect	J
MS percent recovery <30%	Non-detect	R
	Detect	J
MS percent recovery >125%	Non-detect	No Action
	Detect	J

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.

Laboratory duplicate analysis was not performed on sample within 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	Duplicate Result	RPD
MW-4 / DUP-20250821	Cyanide	U	U	AC

Note:
U = Non detect
AC = Acceptable

The calculated differences between the parent and field duplicate sample 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	Compliancy[1]				Noncompliance
					VOC	SVOC	Metals	CYANIDE	
480-232020-1	8/21/2025	SW846	MW-4	Water	Yes	Yes	No	No	Metals- LRC %R Cyanide – MS/MSD %R
	8/21/2025	SW846	MW-12	Water	Yes	Yes	No	No	Metals - Blank contamination, LRC %R Cyanide – CCV %D
	8/21/2025	SW846	MW-14	Water	Yes	Yes	No	No	Metals - Blank contamination, LRC %R Cyanide – CCV %D
	8/21/2025	SW846	MW-15	Water	Yes	Yes	No	No	Metals- LRC %R Cyanide – CCV %D
	8/21/2025	SW846	TRIP BLANK	Water	Yes	-	-	-	
	8/21/2025	SW846	DUP-20250821	Water	Yes	Yes	No	No	Metals- LRC %R Cyanide – MS/MSD %R

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.

VALIDATION PERFORMED BY: Dilip Kumar

SIGNATURE: 

DATE: September 10, 2025

PEER REVIEW: Joseph C. Houser

DATE: September 10, 2025

Chain of Custody Corrected Sample Analysis Data Sheets

Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: JK B KCF	Lab PM: Schove, John R	Carrier Tracking No(s): Rochester	COC No: 480-206591-41503.1
Client Contact: Mr. John Ruspantini	Phone: 619-727-1921	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: #484	Page: Page 1 of 1
Company: New York State Electric & Gas	PWSID:			Job #:
Address: 18 Link Drive	Due Date Requested:			
City: Binghamton	TAT Requested (days):			
State, Zip: NY, 13902	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: jjruspantini@nyseg.com	WO #: NYSEG-Clyde/John Ruspantini			
Project Name: NYSEG - Clyde/ Event Desc: Groundwater	Project #: 48028408			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
B - NaOH
N - None
D - HNO3
A - HCL

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B_NP - Cyanide, Total	8270D - PAH Semivolatiles	6010D - TAL Metals	8260C - BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:				B	N	D	A		
MW-4	8/21/25	1130	G	Water	N	Y	X	X	X	X	21	
MW-12	8/21/25	1300	G	Water	N	N	X	X	X	X	7	
MW-14	8/21/25	1155	G	Water	N	N	X	X	X	X	7	
MW-15	8/21/25	1315	G	Water	N		X	X	X	X	7	
DUP - 20250821	8/21/25	—	G	Water	N	N	X	X	X	X	7	
				Water								
				Water								
				Water								
TRIP BLANK		—	—	Water	N	N				X	4	
				Water								

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/21/2025 1545	Arcadis		8/21/25 1545	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/21/25 1650	ET		8/22/25 0800	EURO
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.9, 2.2, 2.5 TR1#SC

Ver: 10/10/2024

Client Sample ID: MW-4

Date Collected: 08/21/25 11:30
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-1

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			08/25/25 17:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 17:35	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 17:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*08/25/25 17:35*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*08/25/25 17:35*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*08/25/25 17:35*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/25/25 17:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**1.1**	**J**	5.0	0.41	ug/L		08/22/25 13:14	08/25/25 18:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/25 13:14	08/25/25 18:16	1
Anthracene	ND		5.0	0.28	ug/L		08/22/25 13:14	08/25/25 18:16	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/25/25 18:16	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/25/25 18:16	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/25/25 18:16	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/22/25 13:14	08/25/25 18:16	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/22/25 13:14	08/25/25 18:16	1
Chrysene	ND		5.0	0.33	ug/L		08/22/25 13:14	08/25/25 18:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/25 13:14	08/25/25 18:16	1
Fluoranthene	**1.4**	**J**	5.0	0.40	ug/L		08/22/25 13:14	08/25/25 18:16	1
Fluorene	**0.85**	**J**	5.0	0.36	ug/L		08/22/25 13:14	08/25/25 18:16	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/25/25 18:16	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/25 13:14	08/25/25 18:16	1
Phenanthrene	**0.52**	**J**	5.0	0.44	ug/L		08/22/25 13:14	08/25/25 18:16	1
Pyrene	**2.1**	**J**	5.0	0.34	ug/L		08/22/25 13:14	08/25/25 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*53 - 126*	*08/22/25 13:14*	*08/25/25 18:16*	*1*
Nitrobenzene-d5 (Surr)	*86*		*29 - 129*	*08/22/25 13:14*	*08/25/25 18:16*	*1*
p-Terphenyl-d14 (Surr)	*71*		*33 - 132*	*08/22/25 13:14*	*08/25/25 18:16*	*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		08/25/25 07:51	08/25/25 14:48	1
Antimony	ND		0.020	0.0068	mg/L		08/25/25 07:51	08/25/25 14:48	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/25 07:51	08/25/25 14:48	1
Barium	**0.26**		0.0020	0.00070	mg/L		08/25/25 07:51	08/25/25 14:48	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/25 07:51	08/25/25 14:48	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/25 07:51	08/25/25 14:48	1
Calcium	**175**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 14:48	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/25 07:51	08/25/25 14:48	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/25 07:51	08/25/25 14:48	1
Copper	ND		0.010	0.0016	mg/L		08/25/25 07:51	08/25/25 14:48	1
Iron	**24.0**		0.050	0.019	mg/L		08/25/25 07:51	08/25/25 14:48	1
Lead	ND		0.010	0.0030	mg/L		08/25/25 07:51	08/25/25 14:48	1
Magnesium	**29.9**		0.20	0.043	mg/L		08/25/25 07:51	08/25/25 14:48	1

Client Sample ID: MW-4

Date Collected: 08/21/25 11:30
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-1

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.95**		0.0030	0.00040	mg/L		08/25/25 07:51	08/25/25 14:48	1
Nickel	ND		0.010	0.0013	mg/L		08/25/25 07:51	08/25/25 14:48	1
Potassium	**7.3**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 14:48	1
Selenium	ND		0.025	0.0087	mg/L		08/25/25 07:51	08/25/25 14:48	1
Silver	ND	~~*5-~~ UJ	0.0060	0.0017	mg/L		08/25/25 07:51	08/25/25 14:48	1
Sodium	**33.5**		1.0	0.32	mg/L		08/25/25 07:51	08/25/25 14:48	1
Thallium	ND		0.020	0.010	mg/L		08/25/25 07:51	08/25/25 14:48	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 07:51	08/25/25 14:48	1
Zinc	**0.015**		0.010	0.0015	mg/L		08/25/25 07:51	08/25/25 14:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
~~Cyanide, Total (SW846 9012B)~~	~~ND~~	~~F1~~	~~0.010~~	~~0.0041~~	~~mg/L~~			~~08/28/25 20:38~~	~~1~~ R

Client Sample ID: MW-12

Date Collected: 08/21/25 13:00
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-2

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			08/25/25 17:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 17:58	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 17:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/25/25 17:58*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*08/25/25 17:58*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*08/25/25 17:58*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/25/25 17:58*	*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		08/22/25 13:14	08/26/25 13:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/25 13:14	08/26/25 13:39	1
Anthracene	ND		5.0	0.28	ug/L		08/22/25 13:14	08/26/25 13:39	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 13:39	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 13:39	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 13:39	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/22/25 13:14	08/26/25 13:39	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/22/25 13:14	08/26/25 13:39	1
Chrysene	ND		5.0	0.33	ug/L		08/22/25 13:14	08/26/25 13:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/25 13:14	08/26/25 13:39	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/25 13:14	08/26/25 13:39	1
Fluorene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 13:39	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 13:39	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/25 13:14	08/26/25 13:39	1
Phenanthrene	ND		5.0	0.44	ug/L		08/22/25 13:14	08/26/25 13:39	1
Pyrene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 13:39	1

Client Sample ID: MW-12

Date Collected: 08/21/25 13:00
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-2

Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	67		53 - 126	08/22/25 13:14	08/26/25 13:39	1
Nitrobenzene-d5 (Surr)	65		29 - 129	08/22/25 13:14	08/26/25 13:39	1
p-Terphenyl-d14 (Surr)	65		33 - 132	08/22/25 13:14	08/26/25 13:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.10**	**J**	0.20	0.060	mg/L		08/25/25 07:51	08/25/25 14:57	1
Antimony	ND		0.020	0.0068	mg/L		08/25/25 07:51	08/25/25 14:57	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/25 07:51	08/25/25 14:57	1
Barium	**0.16**		0.0020	0.00070	mg/L		08/25/25 07:51	08/25/25 14:57	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/25 07:51	08/25/25 14:57	1
Cadmium	~~0.00054~~	~~J B~~	0.0020	UB 0.00050	mg/L		08/25/25 07:51	08/25/25 14:57	1
Calcium	**117**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 14:57	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/25 07:51	08/25/25 14:57	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/25 07:51	08/25/25 14:57	1
Copper	**0.0027**	**J**	0.010	0.0016	mg/L		08/25/25 07:51	08/25/25 14:57	1
Iron	**13.1**		0.050	0.019	mg/L		08/25/25 07:51	08/25/25 14:57	1
Lead	ND		0.010	0.0030	mg/L		08/25/25 07:51	08/25/25 14:57	1
Magnesium	**18.6**		0.20	0.043	mg/L		08/25/25 07:51	08/25/25 14:57	1
Manganese	**0.57**		0.0030	0.00040	mg/L		08/25/25 07:51	08/25/25 14:57	1
Nickel	ND		0.010	0.0013	mg/L		08/25/25 07:51	08/25/25 14:57	1
Potassium	**15.8**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 14:57	1
Selenium	ND		0.025	0.0087	mg/L		08/25/25 07:51	08/25/25 14:57	1
Silver	ND	~~^5~~ UJ	0.0060	0.0017	mg/L		08/25/25 07:51	08/25/25 14:57	1
Sodium	**67.9**		1.0	0.32	mg/L		08/25/25 07:51	08/25/25 14:57	1
Thallium	ND		0.020	0.010	mg/L		08/25/25 07:51	08/25/25 14:57	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 07:51	08/25/25 14:57	1
Zinc	**0.016**		0.010	0.0015	mg/L		08/25/25 07:51	08/25/25 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	~~^1~~ UJ	0.010	0.0041	mg/L			08/28/25 20:02	1

Client Sample ID: MW-14

Date Collected: 08/21/25 11:55
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-3

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			08/25/25 18:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 18:21	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 18:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		08/25/25 18:21	1
4-Bromofluorobenzene (Surr)	89		73 - 120		08/25/25 18:21	1
Dibromofluoromethane (Surr)	97		75 - 123		08/25/25 18:21	1
Toluene-d8 (Surr)	96		80 - 120		08/25/25 18:21	1

Client Sample ID: MW-14

Date Collected: 08/21/25 11:55
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-3

Matrix: Ground Water

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		08/22/25 13:14	08/26/25 14:06	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/25 13:14	08/26/25 14:06	1
Anthracene	ND		5.0	0.28	ug/L		08/22/25 13:14	08/26/25 14:06	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 14:06	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 14:06	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 14:06	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/22/25 13:14	08/26/25 14:06	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/22/25 13:14	08/26/25 14:06	1
Chrysene	ND		5.0	0.33	ug/L		08/22/25 13:14	08/26/25 14:06	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/25 13:14	08/26/25 14:06	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/25 13:14	08/26/25 14:06	1
Fluorene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 14:06	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 14:06	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/25 13:14	08/26/25 14:06	1
Phenanthrene	ND		5.0	0.44	ug/L		08/22/25 13:14	08/26/25 14:06	1
Pyrene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*53 - 126*	*08/22/25 13:14*	*08/26/25 14:06*	*1*
Nitrobenzene-d5 (Surr)	*81*		*29 - 129*	*08/22/25 13:14*	*08/26/25 14:06*	*1*
p-Terphenyl-d14 (Surr)	*91*		*33 - 132*	*08/22/25 13:14*	*08/26/25 14:06*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.40**		0.20	0.060	mg/L		08/25/25 07:51	08/25/25 15:16	1
Antimony	ND		0.020	0.0068	mg/L		08/25/25 07:51	08/25/25 15:16	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/25 07:51	08/25/25 15:16	1
Barium	**0.032**		0.0020	0.00070	mg/L		08/25/25 07:51	08/25/25 15:16	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/25 07:51	08/25/25 15:16	1
Cadmium	~~0.00052~~ ~~J B~~		0.0020	UB 0.00050	mg/L		08/25/25 07:51	08/25/25 15:16	1
Calcium	**84.1**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:16	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/25 07:51	08/25/25 15:16	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/25 07:51	08/25/25 15:16	1
Copper	**0.0027**	J	0.010	0.0016	mg/L		08/25/25 07:51	08/25/25 15:16	1
Iron	**0.38**		0.050	0.019	mg/L		08/25/25 07:51	08/25/25 15:16	1
Lead	ND		0.010	0.0030	mg/L		08/25/25 07:51	08/25/25 15:16	1
Magnesium	**20.2**		0.20	0.043	mg/L		08/25/25 07:51	08/25/25 15:16	1
Manganese	**0.84**		0.0030	0.00040	mg/L		08/25/25 07:51	08/25/25 15:16	1
Nickel	ND		0.010	0.0013	mg/L		08/25/25 07:51	08/25/25 15:16	1
Potassium	**1.6**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:16	1
Selenium	ND		0.025	0.0087	mg/L		08/25/25 07:51	08/25/25 15:16	1
Silver	ND ~~^5~~	UJ	0.0060	0.0017	mg/L		08/25/25 07:51	08/25/25 15:16	1
Sodium	**10.7**		1.0	0.32	mg/L		08/25/25 07:51	08/25/25 15:16	1
Thallium	ND		0.020	0.010	mg/L		08/25/25 07:51	08/25/25 15:16	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 07:51	08/25/25 15:16	1
Zinc	**0.0018**	J	0.010	0.0015	mg/L		08/25/25 07:51	08/25/25 15:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND ~~^+~~	UJ	0.010	0.0041	mg/L			08/28/25 20:06	1

Client Sample ID: MW-15

Date Collected: 08/21/25 13:15
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-4

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			08/25/25 18:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 18:44	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 18:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*08/25/25 18:44*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*08/25/25 18:44*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*08/25/25 18:44*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*08/25/25 18:44*	*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		08/22/25 13:14	08/26/25 14:33	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/25 13:14	08/26/25 14:33	1
Anthracene	ND		5.0	0.28	ug/L		08/22/25 13:14	08/26/25 14:33	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 14:33	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 14:33	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 14:33	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/22/25 13:14	08/26/25 14:33	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/22/25 13:14	08/26/25 14:33	1
Chrysene	ND		5.0	0.33	ug/L		08/22/25 13:14	08/26/25 14:33	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/25 13:14	08/26/25 14:33	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/25 13:14	08/26/25 14:33	1
Fluorene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 14:33	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 14:33	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/25 13:14	08/26/25 14:33	1
Phenanthrene	**0.49**	**J**	5.0	0.44	ug/L		08/22/25 13:14	08/26/25 14:33	1
Pyrene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*94*		*53 - 126*	*08/22/25 13:14*	*08/26/25 14:33*	*1*
Nitrobenzene-d5 (Surr)	*86*		*29 - 129*	*08/22/25 13:14*	*08/26/25 14:33*	*1*
p-Terphenyl-d14 (Surr)	*84*		*33 - 132*	*08/22/25 13:14*	*08/26/25 14:33*	*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		08/25/25 07:51	08/25/25 15:18	1
Antimony	ND		0.020	0.0068	mg/L		08/25/25 07:51	08/25/25 15:18	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/25 07:51	08/25/25 15:18	1
Barium	**0.20**		0.0020	0.00070	mg/L		08/25/25 07:51	08/25/25 15:18	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/25 07:51	08/25/25 15:18	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/25 07:51	08/25/25 15:18	1
Calcium	**170**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:18	1
Chromium	**0.0052**		0.0040	0.0010	mg/L		08/25/25 07:51	08/25/25 15:18	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/25 07:51	08/25/25 15:18	1
Copper	ND		0.010	0.0016	mg/L		08/25/25 07:51	08/25/25 15:18	1
Iron	**14.4**		0.050	0.019	mg/L		08/25/25 07:51	08/25/25 15:18	1
Lead	ND		0.010	0.0030	mg/L		08/25/25 07:51	08/25/25 15:18	1
Magnesium	**26.4**		0.20	0.043	mg/L		08/25/25 07:51	08/25/25 15:18	1

Client Sample ID: MW-15
Lab Sample ID: 480-232020-4
Date Collected: 08/21/25 13:15
Matrix: Ground Water
Date Received: 08/22/25 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.69**		0.0030	0.00040	mg/L		08/25/25 07:51	08/25/25 15:18	1
Nickel	**0.0027**	**J**	0.010	0.0013	mg/L		08/25/25 07:51	08/25/25 15:18	1
Potassium	**7.1**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:18	1
Selenium	ND		0.025	0.0087	mg/L		08/25/25 07:51	08/25/25 15:18	1
Silver	ND	~~J5-~~ UJ	0.0060	0.0017	mg/L		08/25/25 07:51	08/25/25 15:18	1
Sodium	**43.5**		1.0	0.32	mg/L		08/25/25 07:51	08/25/25 15:18	1
Thallium	ND		0.020	0.010	mg/L		08/25/25 07:51	08/25/25 15:18	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 07:51	08/25/25 15:18	1
Zinc	ND		0.010	0.0015	mg/L		08/25/25 07:51	08/25/25 15:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	~~J+~~ UJ	0.010	0.0041	mg/L			08/28/25 20:10	1

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-232020-5
Date Collected: 08/21/25 00:00
Matrix: WQ
Date Received: 08/22/25 09:00

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			08/25/25 19:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 19:07	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 19:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 120*		*08/25/25 19:07*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*08/25/25 19:07*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/25/25 19:07*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*08/25/25 19:07*	*1*

Client Sample ID: DUP-20250821
Lab Sample ID: 480-232020-6
Date Collected: 08/21/25 00:00
Matrix: Water
Date Received: 08/22/25 09:00

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			08/25/25 19:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/25/25 19:31	1
Toluene	ND		1.0	0.51	ug/L			08/25/25 19:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/25/25 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*77 - 120*		*08/25/25 19:31*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*08/25/25 19:31*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*08/25/25 19:31*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/25/25 19:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**1.3**	**J**	5.0	0.41	ug/L		08/22/25 13:14	08/26/25 15:00	1

Client Sample ID: DUP-20250821

Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:00

Lab Sample ID: 480-232020-6

Matrix: Water

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		08/22/25 13:14	08/26/25 15:00	1
Anthracene	ND		5.0	0.28	ug/L		08/22/25 13:14	08/26/25 15:00	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/22/25 13:14	08/26/25 15:00	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 15:00	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/22/25 13:14	08/26/25 15:00	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/22/25 13:14	08/26/25 15:00	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/22/25 13:14	08/26/25 15:00	1
Chrysene	ND		5.0	0.33	ug/L		08/22/25 13:14	08/26/25 15:00	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/25 13:14	08/26/25 15:00	1
Fluoranthene	**1.5**	**J**	5.0	0.40	ug/L		08/22/25 13:14	08/26/25 15:00	1
Fluorene	**0.93**	**J**	5.0	0.36	ug/L		08/22/25 13:14	08/26/25 15:00	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/22/25 13:14	08/26/25 15:00	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/25 13:14	08/26/25 15:00	1
Phenanthrene	**0.57**	**J**	5.0	0.44	ug/L		08/22/25 13:14	08/26/25 15:00	1
Pyrene	**2.2**	**J**	5.0	0.34	ug/L		08/22/25 13:14	08/26/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*53 - 126*	*08/22/25 13:14*	*08/26/25 15:00*	*1*
Nitrobenzene-d5 (Surr)	*85*		*29 - 129*	*08/22/25 13:14*	*08/26/25 15:00*	*1*
p-Terphenyl-d14 (Surr)	*85*		*33 - 132*	*08/22/25 13:14*	*08/26/25 15:00*	*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		08/25/25 07:51	08/25/25 15:20	1
Antimony	ND		0.020	0.0068	mg/L		08/25/25 07:51	08/25/25 15:20	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/25 07:51	08/25/25 15:20	1
Barium	**0.26**		0.0020	0.00070	mg/L		08/25/25 07:51	08/25/25 15:20	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/25 07:51	08/25/25 15:20	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/25 07:51	08/25/25 15:20	1
Calcium	**175**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:20	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/25 07:51	08/25/25 15:20	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/25 07:51	08/25/25 15:20	1
Copper	ND		0.010	0.0016	mg/L		08/25/25 07:51	08/25/25 15:20	1
Iron	**23.6**		0.050	0.019	mg/L		08/25/25 07:51	08/25/25 15:20	1
Lead	ND		0.010	0.0030	mg/L		08/25/25 07:51	08/25/25 15:20	1
Magnesium	**30.0**		0.20	0.043	mg/L		08/25/25 07:51	08/25/25 15:20	1
Manganese	**0.95**		0.0030	0.00040	mg/L		08/25/25 07:51	08/25/25 15:20	1
Nickel	ND		0.010	0.0013	mg/L		08/25/25 07:51	08/25/25 15:20	1
Potassium	**7.3**		0.50	0.10	mg/L		08/25/25 07:51	08/25/25 15:20	1
Selenium	ND		0.025	0.0087	mg/L		08/25/25 07:51	08/25/25 15:20	1
Silver	ND	^5- UJ	0.0060	0.0017	mg/L		08/25/25 07:51	08/25/25 15:20	1
Sodium	**33.9**		1.0	0.32	mg/L		08/25/25 07:51	08/25/25 15:20	1
Thallium	ND		0.020	0.010	mg/L		08/25/25 07:51	08/25/25 15:20	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/25 07:51	08/25/25 15:20	1
Zinc	**0.015**		0.010	0.0015	mg/L		08/25/25 07:51	08/25/25 15:20	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			08/28/25 20:58	1 R

Attachment 4

Site Inspection Form

SITE INSPECTION FORM

SITE INSPECTION DATE: 8/21/2025 **TIME OF ARRIVAL**: 0820

DEPARTURE: 1430

WEATHER: Cloudy, 65-deg

Representative(s) Present On-Site: Arcadis: Kaitlyn Fleming and John Kline

INSPECTION TYPE: (**Annual Inspection**) **or** **Emergency Inspection**

(if emergency indicate event that required an inspection):

Are the Institutional Controls in place, performing properly, and remain effective?

(Yes) / No

Does the Site comply with NYSDEC-approved Site Management Plan? (Yes) / No

Has ownership of the property changed since the last inspection? Yes / (No)

(Verify with Real Estate and Survey Departments)

Are there any changes to intended site use that would affect the SMP Yes / (No)

or institutional controls?

Is site used for agricultural purpose or vegetable gardens? Yes / (No)

Is groundwater used as source of potable or process water onsite Yes / (No)

If yes to the above – does water go through the necessary water quality treatment? Yes/No

SITE INSPECTION FORM

Are the Engineering Controls in place, performing properly, and remain effective?

Surface Cover Intact (i.e. no evidence of erosion, excavations, etc)? (Yes) / No

CLIMATE CHANGE VULNERABILITY ASSESSMENT

Evidence that site drainage/stormwater management is inadequate? Yes / (No)

Evidence of erosion or flooding during periods of severe rain? Yes / (No)

Evidence of damage from high winds? Yes / (No)

Evidence of areas susceptible to spill or other release? Yes / (No)

GENERAL SITE OBSERVATIONS:

Have there been any changes to the property since the last inspection? (e.g. new equipment, residential buildings or facilities, changes in site topography, erosion, etc.)

Yes. NYSEG is making upgrades to the substation (within the existing substation footprint and all work is above grade). Job trailers and equipment are currently occupying the site. No subsurface work is being conducted.

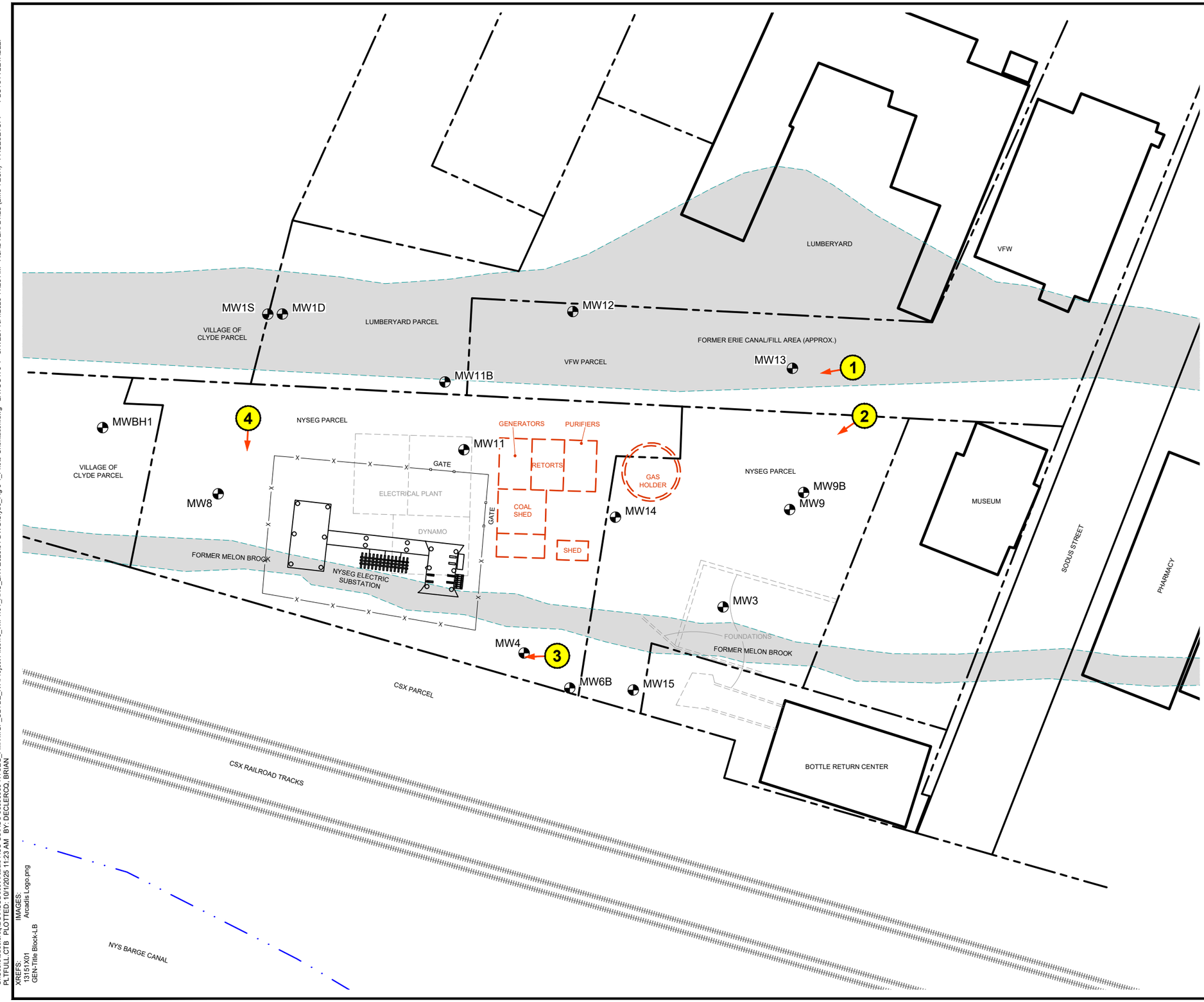
NOTE:

Inspections should be made a minimum once a year and within 5 days of an emergency, such as a natural disaster or an unforeseen failure or damage to the building occurs. Inspections will be conducted by the Responsible Party (or their agent) and results reported to NYSDEC.

COMPLETED BY: Kaitlyn Fleming, Arcadis	**REVIEWED BY:** Nicholas Beyrle, Arcadis
SIGNATURE: Kaitlyn Fleming	**SIGNATURE** Nicholas J. Beyrle

Attachment 5

Site Inspection Photographic Log



LEGEND:

- MONITORING WELL
- PROPERTY LINE
- FORMER MGP STRUCTURES
- APPROXIMATE LOCATION OF FORMER BROOK/CANAL
- FENCE LINE
- 1 PHOTOGRAPH LOCATION/ ORIENTATION/NUMBER

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, MWBH6, MW7, MW10 AND MW10B HAVE BEEN DECOMMISSIONED AND ARE NOT SHOWN ON THIS FIGURE.

0 50' 100'

GRAPHIC SCALE

NYSEG
CLYDE FORMER MGP SITE
CLYDE, NEW YORK

PHOTOGRAPH ORIENTATION FIGURE

ARCADIS

FIGURE
5-1

Attachmet 5
Site Inspection Photographic Log

Third Quarter 2025 Groundwater Monitoring Report
New York State Electric & Gas
Clyde Former Manufactured Gas Plant
Clyde, New York

Photograph: 1

Description:

Direction: West

Photograph taken by: KCF

Date: 8/21/2025

Photograph: 2

Description:

Direction: Southwest

Photograph taken by: KCF

Date: 8/21/2025

Attachmet 5
Site Inspection Photographic Log

Third Quarter 2025 Groundwater Monitoring Report
New York State Electric & Gas
Clyde Former Manufactured Gas Plant
Clyde, New York

Photograph: 3

Description:

Direction: West

Photograph taken by: KCF

Date: 8/21/2025

Photograph: 4

Description:

Direction: South

Photograph taken by: KCF

Date: 8/21/2025