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Date: February 27, 2026
Our Ref: 30270811
Subject: **Fourth 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 fourth quarter of 2025 (Q4) 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 Q4 monitoring event on November 20, 2025, in accordance with the *Site Management Plan* (SMP)[1] (pending NYSDEC approval). This quarterly report summarizes activities conducted from October 1, 2025, to December 31, 2025, and includes data from the November 20, 2025 monitoring event.

Relevant background information is presented in the following section, followed by a summary of the Q4 operations, monitoring, 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]

## Fourth Quarter 2025 Monitoring and Sampling

As presented in the SMP,[1] groundwater remedy objectives for the Q4 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 Q4 monitoring event, field personnel measured the 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 Q4 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 (2.49 feet) and MW8 (1.85 feet).

## Groundwater Sampling Activities and Results

Groundwater sampling activities and associated analytical results from the Q4 monitoring event are summarized below.

### Groundwater Sampling Activities

Arcadis field personnel collected groundwater samples from four monitoring wells, MW4, MW12, MW14, and MW15, on November 20, 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 Division of Water's *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:**

- PAHs (excluding naphthalene):
  - Acenaphthene, anthracene, fluoranthene, fluorene, phenanthrene, and pyrene were detected in the groundwater sample collected from monitoring well MW4 at concentrations less than their respective Class GA groundwater quality standards or guidance values.
- Total cyanide:
  - Total cyanide was detected in the groundwater sample collected from monitoring well MW4 at a concentration less than its respective Class GA groundwater quality standard.
- Metals:
  - Iron (25.5 milligrams per liter [mg/L]), manganese (0.98 mg/L), and sodium (37.3 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 with aluminum, barium, calcium, magnesium, potassium, and zinc detected at a concentrations less than their respective Class GA groundwater quality standards.
  - Iron (13.8 mg/L), manganese (0.99 mg/L), and sodium (80.2 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 with aluminum, barium, calcium, magnesium, and potassium detected at concentrations less than their respective Class GA groundwater quality standards.
  - Iron (2.2 mg/L), manganese (0.16 mg/L), and sodium (31.9 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 with aluminum, barium, calcium, chromium, copper, magnesium, manganese, nickel, potassium, and vanadium detected at concentrations less than their respective Class GA groundwater quality standards.
  - Iron (13.8 mg/L), magnesium (37.3 mg/L), manganese (0.73 mg/L), and sodium (95.8 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 with barium, calcium, nickel, potassium, and zinc detected at concentrations less than their respective Class GA groundwater quality standards.

### Waste Management

Arcadis containerized purge water generated during the November 20, 2025 groundwater sampling event in appropriately labeled, New York State Department of Transportation-approved, 55-gallon drums and staged the drums on site, in a secure drum locker, for subsequent transportation off site by NYSEG's waste disposal vendor.

## Conclusions and Recommendations

The Q4 monitoring results represent the fourth groundwater sampling event since completing the remedy in 2021. Based on the Q4 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.

Mr. Tracey Garland, GIT
New York State Department of Environmental Conservation
February 27, 2026

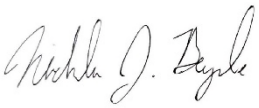
Based on data from this monitoring period, the following is recommended:

- Remove sediment from monitoring wells MWBH1 and MW8 using a pump or other mechanical means in 2026.

Quarterly monitoring and reporting will continue to be completed as required by the SMP.[1] The next groundwater sampling event is scheduled for February 2026. 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.



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Principal Geologist

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

Enclosures:
Table 1 – Gauging Data
Table 2 – Groundwater Analytical Results
Figure 1 – Site Location Map
Figure 2 – Site Layout
Figure 3 – Shallow Groundwater Contour Map – November 20, 2025
Attachment 1 – Groundwater Sampling Logs
Attachment 2 – Groundwater Laboratory Reports
Attachment 3 – Data Usability Summary Reports

# Tables

**Table 1**
**Gauging Data**
**Fourth 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 |
| | | | | November 20, 2025 | 3.06 | 390.15 | - | 25.17 | 2.49 |
| 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 |
| | | | | November 20, 2025 | 1.25 | 389.39 | - | 19.47 | 0.45 |
| 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 |
| | | | | November 20, 2025 | 0.28 | 390.58 | - | 9.46 | 0.20 |
| 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 |
| | | | | November 20, 2025 | 3.27 | 389.09 | - | 12.71 | 0.25 |
| 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 |
| | | | | November 20, 2025 | 3.74 | 387.51 | - | 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 |
| | | | | November 20, 2025 | 7.87 | 384.80 | - | 42.64 | -0.07 |
| 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 |
| | | | | November 20, 2025 | 3.09 | 389.89 | - | 22.83 | 1.85 |

See Notes on Page 3.

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**Gauging Data**
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**New York State Electric & Gas Corporation**
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**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) |
|---|---|---|---|---|---|---|---|---|---|
| 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 |
| | | | | November 20, 2025 | 5.10 | 389.52 | - | 17.60 | 0.02 |
| 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 |
| | | | | November 20, 2025 | 7.95 | 386.63 | - | 35.62 | 0.06 |
| MW11 | 393.98 | 24.58 | 386.7-371.7 | February 24, 2025 | 5.40 | 388.58 | - | 24.27 | 0.31 |
| | | | | March 12, 2025 | - | - | - | - | - |
| | | | | May 22, 2025 | 4.18 | 389.80 | - | 24.27 | 0.31 |
| | | | | August 21, 2025 | 6.46 | 387.52 | - | 24.29 | 0.29 |
| | | | | November 20, 2025 | 5.27 | 388.71 | - | 24.28 | 0.30 |
| 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 |
| | | | | November 20, 2025 | 5.13 | 388.20 | - | 39.95 | 0.24 |
| 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 |
| | | | | November 20, 2025 | 1.77 | 390.69 | - | 16.31 | 0.00 |
| 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 |
| | | | | November 20, 2025 | 2.31 | 390.48 | - | 18.20 | 0.27 |
| 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 |
| | | | | November 20, 2025 | 2.79 | 390.69 | - | 13.86 | -0.01 |

See Notes on Page 3.

**Table 1**
**Gauging Data**
**Fourth 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) |
|---|---|---|---|---|---|---|---|---|---|
| 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 |
| | | | | November 20, 2025 | 4.29 | 388.66 | - | 13.80 | 0.01 |

**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 SMP (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 for MW1D, MW3, and MW8 found in Appendix D of the SMP.
4. Measuring point elevations and installed depth to bottom measurements for MWBH1, MW1D, MW11B, MW12, and MW13 were updated based on the May 15, 2025 survey following respective well repairs.

**Acronyms and Abbreviations:**
"-" - measurement not taken or not available
GEI - GEI Consultants, Inc.
SMP - Site Management Plan
TOC - top of casing

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

**Table 2**
**Groundwater Analytical Results**
**Fourth 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 | 11/20/25 | 03/14/25 | 05/22/25 | 08/21/25 | 11/20/25 | 05/22/25 | 08/21/25 | 11/20/25 | 05/22/25 | 08/21/25 | 11/20/25 |
| **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 | 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 | 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 | 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 | 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 | ND | ND | ND | ND |
| **PAHs** | | | | | | | | | | | | | | | | |
| Acenaphthene | 20 | µg/L | **0.54 J** | **0.83 J** | **1.1 J** | **1.7 J** | 5.0 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | 5.0 U | 5.2 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 | 5.2 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | 5.0 U | 5.0 U |
| Anthracene | 50 | µg/L | 5.0 U | 5.0 U | 5.0 U | **0.32 J** | 5.0 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | 5.0 U | 5.2 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 | 5.2 U | 5.0 U | 5.0 U | 5.2 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 | 5.2 U | 5.0 U | 5.0 U | 5.2 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 | 5.2 U | 5.0 U | 5.0 U | 5.2 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 | 5.2 U | 5.0 U | 5.0 U | 5.2 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 | 5.2 U | 5.0 U | 5.0 U | 5.2 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 | 5.2 U | 5.0 U | 5.0 U | 5.2 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 | 5.2 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | 5.0 U | 5.0 U |
| Fluoranthene | 50 | µg/L | **0.90 J** | **1.1 J** | **1.4 J** | **1.4 J** | 5.0 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | 5.0 U | 5.0 U |
| Fluorene | 50 | µg/L | **0.40 J** | **0.53 J** | **0.85 J** | **1.1 J** | 5.0 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | 5.0 U | 5.2 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 | 5.2 U | 5.0 U | 5.0 U | 5.2 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 | 5.2 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | 5.0 U | 5.0 U |
| Phenanthrene | 50 | µg/L | 5.0 U | 5.0 U | **0.52 J** | **0.85 J** | 5.0 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | **0.49 J** | 5.0 U |
| Pyrene | 50 | µg/L | **1.3 J** | **1.4 J** | **2.1 J** | **1.7 J** | 5.0 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | 5.0 U | 5.2 U | 5.0 U | 5.0 U | 5.0 U |
| Total PAHs | - - | µg/L | **3.1 J** | **3.9 J** | **6.0 J** | **7.1 J** | ND | ND | ND | ND | ND | ND | ND | ND | **0.49 J** | ND |
| **Inorganics** | | | | | | | | | | | | | | | | |
| Aluminum | - - | mg/L | 0.20 U | 0.20 U | 0.20 U | **0.075 J** | 0.20 U | 0.20 U | **0.10 J** | **0.096 J** | **0.71** | **0.40** | **1.8** | **0.083 J** | 0.20 U | 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 | 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 UJ | 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** | **0.26** | **0.10 J** | **0.26** | **0.16** | **0.20** | **0.035** | **0.032** | **0.042** | **0.15** | **0.20** | **0.21** |
| Beryllium | 0.003 | mg/L | 0.0020 U | 0.0020 UJ | 0.0020 U | 0.0020 UJ | 0.0020 UJ | 0.0020 UJ | 0.0020 U | 0.0020 U | 0.0020 UJ | 0.0020 U | 0.0020 U | 0.0020 UJ | 0.0020 U | 0.0020 U |
| Cadmium | 0.005 | mg/L | 0.0020 U | 0.0020 U | 0.0020 U | 0.0020 U | 0.0020 UJ | 0.0020 U | 0.0020 UB | 0.0020 U | 0.0020 U | 0.0020 UB | 0.0020 U | 0.0020 U | 0.0020 U | 0.0020 U |
| Calcium | - - | mg/L | **197** | **165** | **175** | **175** | **142** | **164** | **117** | **135** | **85.9** | **84.1** | **97.1** | **151** | **170** | **220** |
| Chromium | 0.05 | mg/L | 0.0040 U | 0.0040 U | 0.0040 U | 0.0040 U | 0.0040 U | 0.0040 U | 0.0040 U | 0.0040 U | **0.0015 J** | 0.0040 U | **0.0026 J** | 0.0040 U | **0.0052** | 0.0040 U |
| Cobalt | | mg/L | 0.0040 U | 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 | 0.0040 U | 0.0040 U | 0.0040 U |

See Notes on Page 2.

**Table 2**
**Groundwater Analytical Results**
**Fourth 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 | 11/20/25 | 03/14/25 | 05/22/25 | 08/21/25 | 11/20/25 | 05/22/25 | 08/21/25 | 11/20/25 | 05/22/25 | 08/21/25 | 11/20/25 |
| **Inorganics (continued)** | | | | | | | | | | | | | | | | |
| Copper | 0.2 | mg/L | 0.010 U | 0.010 U | 0.010 U | 0.010 UJ | **0.0017 J** | 0.010 U | **0.0027 J** | 0.010 U | **0.0022 J** | **0.0027 J** | **0.030** | 0.010 U | 0.010 U | 0.010 U |
| Iron | 0.3 | mg/L | **25.3** | **22.8** | **24.0** | **25.5** | **0.44 J** | **10.7** | **13.1** | **13.8** | **0.76** | **0.38** | **2.2** | **11.7** | **14.4** | **13.8** |
| Lead | 0.025 | mg/L | **0.0033 J** | 0.010 U | 0.010 U | 0.050 U | 0.010 UJ | 0.010 UJ | 0.010 U | 0.010 U | 0.010 U | 0.010 U | **0.26** | 0.010 U | 0.010 U | 0.010 U |
| Magnesium | 35 | mg/L | **30.9** | **31.2** | **29.9** | **30.9** | **22.3** | **32.9** | **18.6** | **24.3** | **22.6** | **20.2** | **25.6** | **26.4** | **26.4** | **37.3** |
| Manganese | 0.3 | mg/L | **1.0** | **0.92** | **0.95** | **0.98** | **0.16** | **1.4** | **0.57** | **0.99** | **0.56** | **0.84** | **0.16** | **0.63** | **0.69** | **0.73** |
| Nickel | 0.1 | mg/L | 0.010 U | 0.010 UJ | 0.010 U | 0.010 U | 0.010 UBJ | 0.010 UJ | 0.010 U | 0.010 U | 0.010 UJ | 0.010 U | **0.0024 J** | 0.010 UJ | **0.0027 J** | **0.0026 J** |
| Potassium | - - | mg/L | **6.9** | **6.6** | **7.3** | **7.4** | **4.7 J** | **11.6** | **15.8** | **13.1** | **2.3** | **1.6** | **4.6** | **4.9** | **7.1** | **11.0** |
| Selenium | 0.01 | mg/L | 0.025 U | 0.025 U | 0.025 U | 0.025 UJ | 0.025 UJ | 0.025 U | 0.025 U | 0.025 U | 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 U | 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** | **37.3** | **70.2** | **121** | **67.9** | **80.2** | **11.4** | **10.7** | **31.9** | **25.8** | **43.5** | **95.8** |
| Thallium | 0.0005 | mg/L | 0.020 U | 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 | 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 | **0.0032 J** | 0.0050 U | 0.0050 U | 0.0050 U |
| Zinc | 2 | mg/L | **0.15** | **0.087 J** | **0.015** | **0.059** | **0.22** | **0.055 J** | **0.016** | 0.038 UBJ | **0.021 J** | **0.0018 J** | 0.011 UBJ | **0.014 J** | 0.010 U | **0.059 J** |
| **Cyanide** | | | | | | | | | | | | | | | | |
| Cyanide | 0.2 | mg/L | 0.010 U | 0.015 UB | R | **0.0042 J** | 0.010 U | 0.010 U | 0.010 UJ | 0.010 U | 0.010 U | 0.010 UJ | 0.010 U | 0.010 U | 0.010 UJ | 0.010 U |

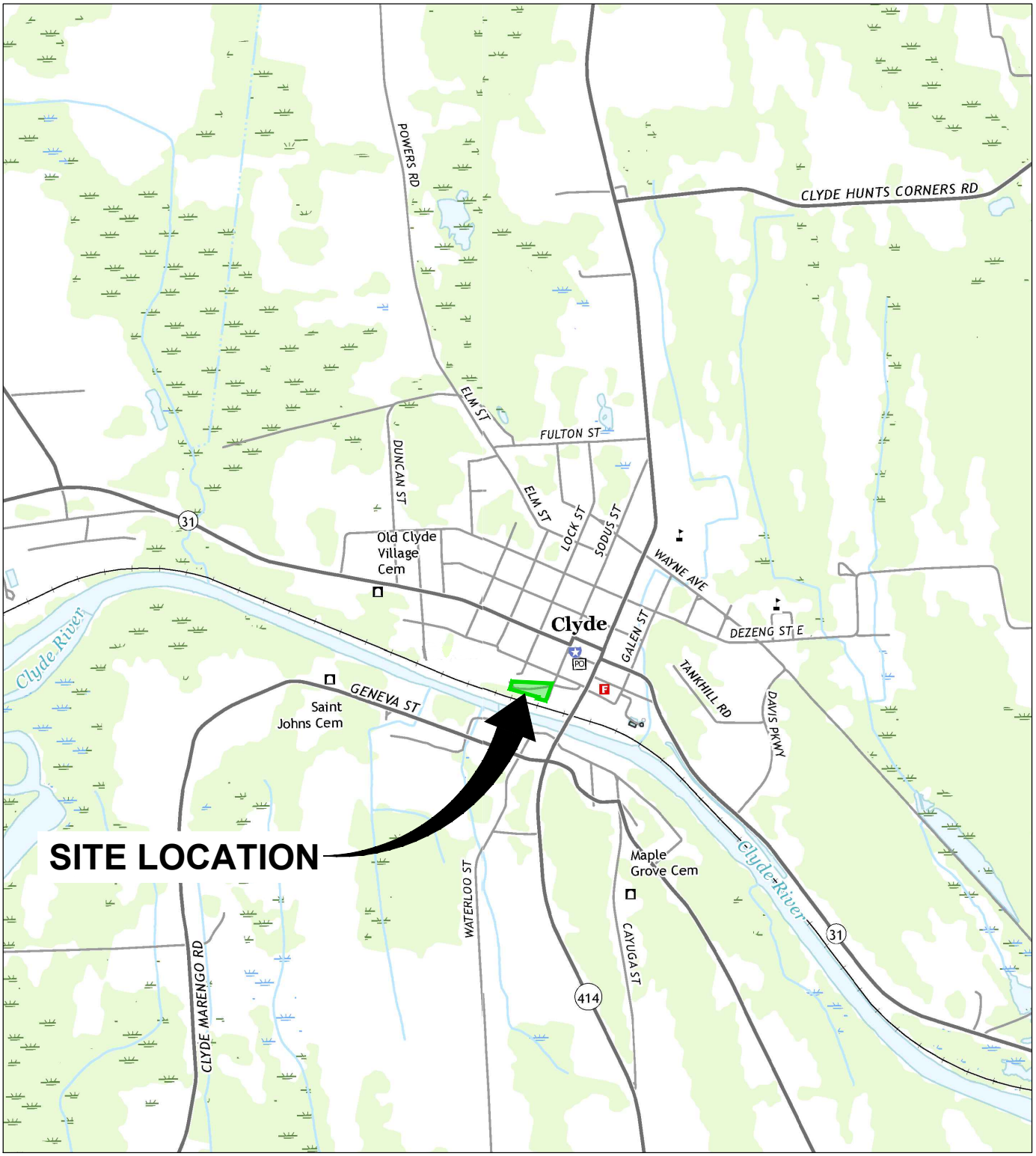
**Notes:**
1. Samples were submitted to Eurofins TestAmerica, Amherst, New York, for analysis using USEPA SW-846 Methods 8260B (VOCs), 8270C (SVOCs), 6010 (inorganics), and 9012 (cyanide).
2. Sample results detected above the MDL are presented in bold font.
3. Shading indicates that the result exceeds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

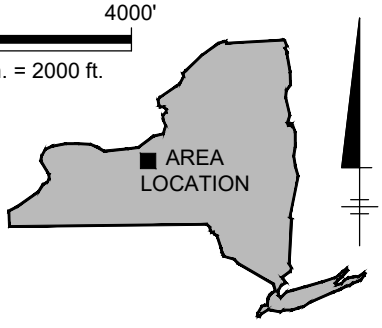
# Figures




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

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.



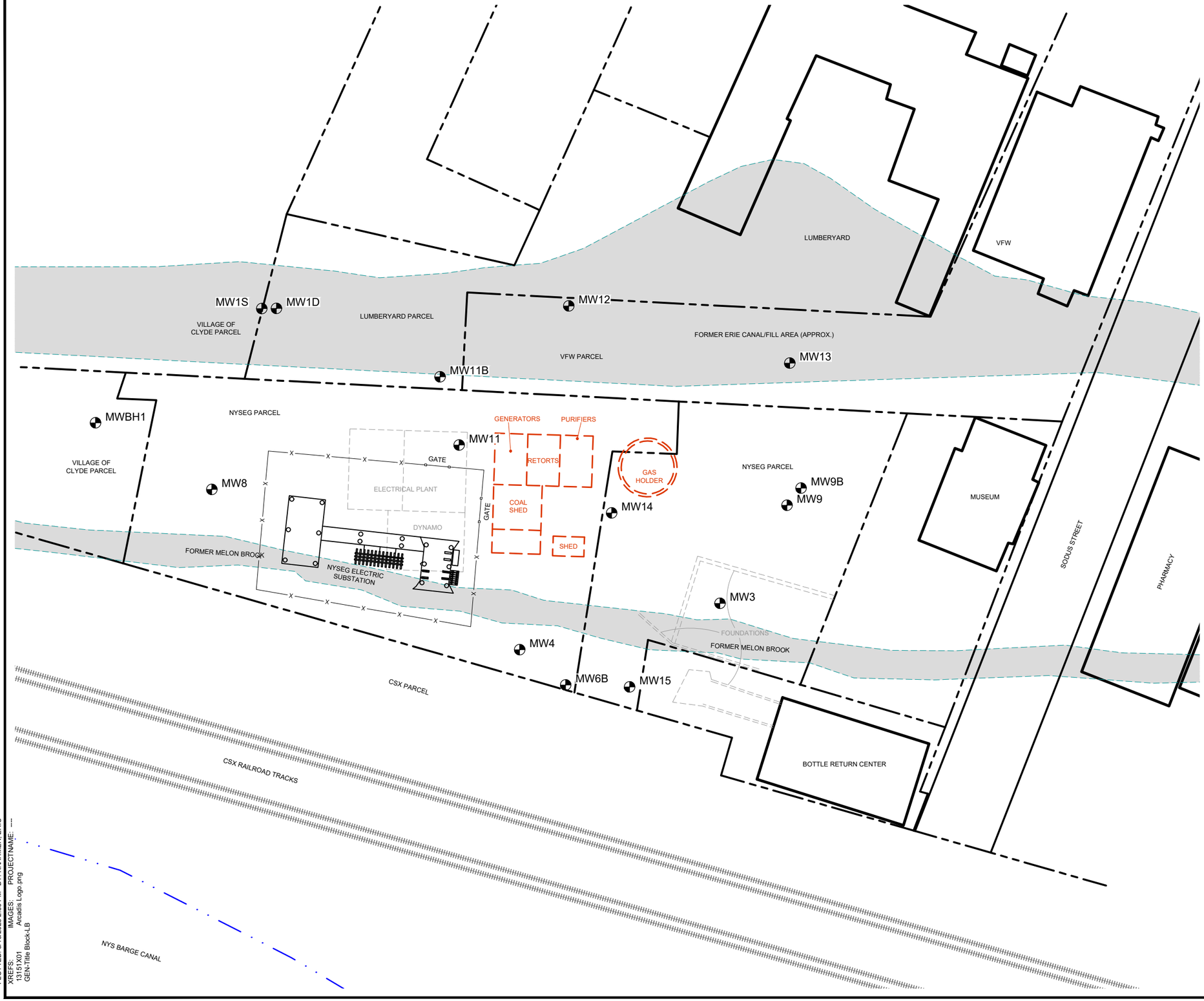

NYSEG
CLYDE FORMER MGP SITE
CLYDE, NEW YORK

**SITE LOCATION MAP**

ARCADIS

FIGURE
1

C:\Users\ekrahmer\DC\ACCDocs\Arcadis ACC USA\US-99999999-NYSEG_FMR MGP_CLYDE_NY\Project Files\10_WIP\10T_ARC_ENV\2025\01-DWG\GEN-F01-SLM.dwg LAYOUT: 1 SAVED: 5/13/2025 2:37 PM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 5/19/2025 9:33 AM BY: KRAHMER, ERIC
XREFS: IMAGES: PROJECTNAME: ----
Arcadis Logo.PNG
NY_Lyons_20160830_TM_geo.png
NY_Savannah_20160830_TM_geo.png




**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

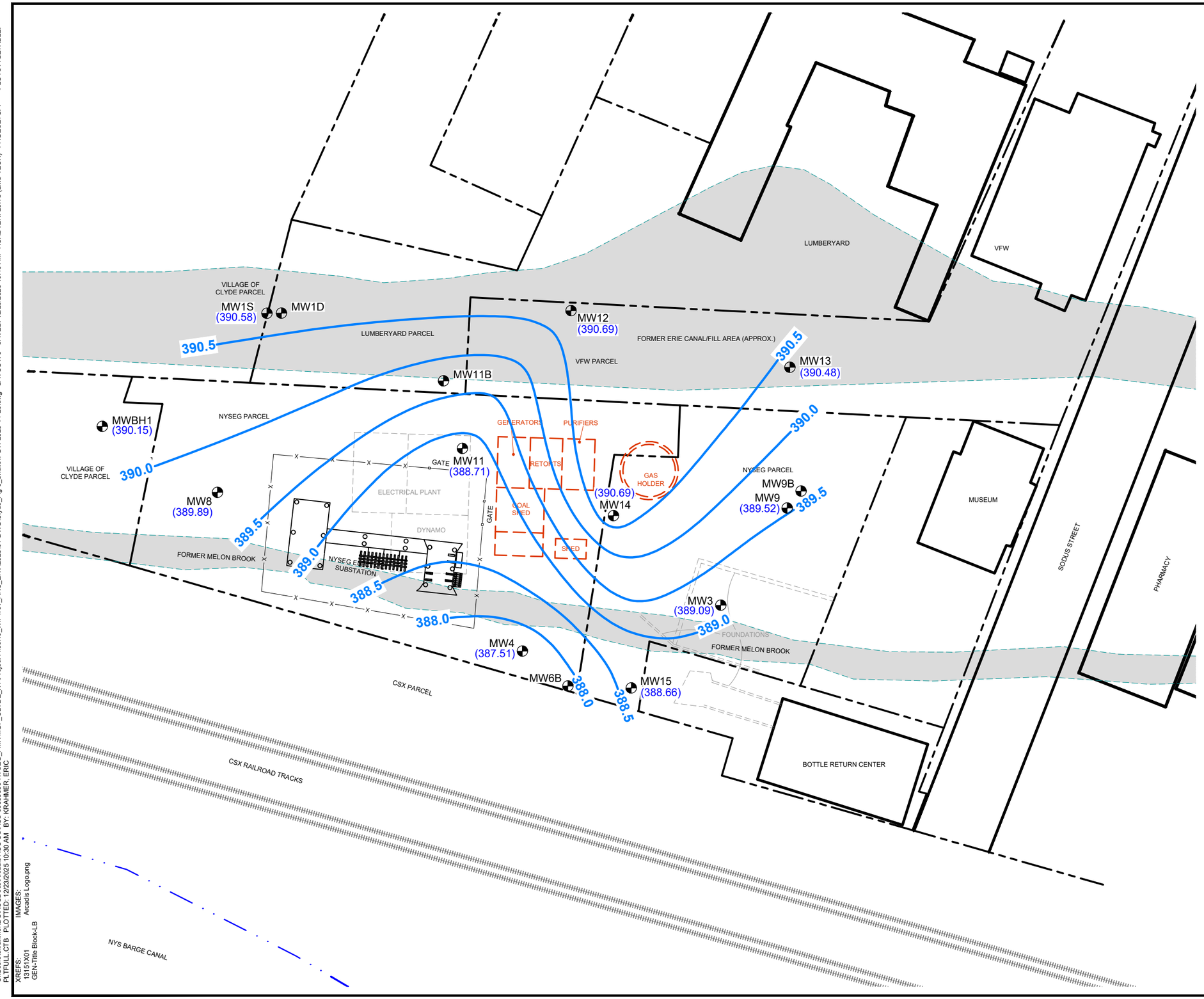
# SITE LAYOUT

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: ----

C:\Users\ekrahmer\DC\ACCDocs\Arcadis ACC US\AUS-9999999-NYSEG_FMR MGP_CLYDE_NY\Project Files\10_WIP\10T_ARC_ENV\2025\01-DWG\Clyde_Fig 3_Shallow GW 2025-11-20.dwg LAYOUT: 3 SAVED: 12/23/2025 10:10 AM ACADVER: 25.1S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 12/23/2025 10:30 AM BY: KRAHMER, ERIC
XREFS:
13151X01
GEN-Title Block-LB
IMAGES:
Arcadis Logo.png




**LEGEND:**

- MONITORING WELL
- PROPERTY LINE
- FORMER MGP STRUCTURES
- APPROXIMATE LOCATION OF FORMER BROOK/CANAL
- FENCE LINE
- 388.0 GROUNDWATER ELEVATION CONTOUR LINE
- (388.66) 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 - NOVEMBER 20, 2025

ARCADIS

FIGURE 3

# Attachment 1

## Groundwater Sampling Logs

# GROUNDWATER SAMPLING LOG

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

**Sampling Personnel:** Adam Svensson / Kaitlyn Fleming | **Well ID:** MW-4
**Client / Job Number:** NYSEG / 30270811 | **Date:** 11/20/25
**Weather:** 36F Sunny | **Time In:** 1300 | **Time Out:** 1445

## Well Information

| | | |
|---|---|---|
| Depth to Water | 3.74 | (feet TIC) |
| Total Depth | 14.02 | (feet TIC) |
| Length of Water Column | 10.28 | (feet) |
| Volume of Water in Well | 1.7 | (gal) |
| Screen Interval | 7 - 12.5 | (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 | SS Steel | (Polyethylene) | Teflon | Other: |
| Sampling Method | Bailer | (Peristaltic) | Grundfos | Other: |

| | | | | |
|---|---|---|---|---|
| Duration of Pumping | 90 | (min) | | |
| Average Pumping Rate | 200 | (ml/min) | Water-Quality Meter Type: | YSI/Lamotte 2020 |
| Total Volume Removed | 3.5 | (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1310 | 1315 | 1320 | 1325 | 1330 | 1335 | 1340 | 1345 | 1350 | 1355 | 1400 | 1405 | 1410 |
| Volume Purged (gal) | 0.1 | 0.3 | 0.5 | 0.8 | 1.0 | 1.3 | 1.6 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | S |
| Rate (mL/min) | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | A |
| Depth to Water (ft) | 3.69 | 3.70 | 3.71 | 3.71 | 3.71 | 3.71 | 3.71 | 3.71 | 3.71 | 3.71 | 3.71 | 3.71 | M |
| pH | 6.88 | 6.84 | 6.83 | 6.84 | 6.84 | 6.84 | 6.84 | 6.84 | 6.85 | 6.85 | 6.85 | 6.86 | P |
| Temp (C) | 12.1 | 11.9 | 11.9 | 11.8 | 11.7 | 11.6 | 11.7 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | L |
| Conductivity (mS/cm) | 0.903 | 0.895 | 0.895 | 0.893 | 0.894 | 0.892 | 0.892 | 0.892 | 0.892 | 0.894 | 0.892 | 0.894 | E |
| Dissolved Oxygen (mg/l) | 7.36 | 2.66 | 1.77 | 1.35 | 1.13 | 0.99 | 0.89 | 0.81 | 0.76 | 0.71 | 0.68 | 0.66 | |
| ORP (mV) | 80.4 | -72.9 | -50.9 | -65.6 | -73.9 | -79.3 | -83.2 | -86.2 | -88.6 | -90.7 | -92.4 | -93.0 | |
| Turbidity (NTU) | 21.12 | 24.40 | 19.75 | 17.30 | 18.25 | 16.44 | 16.65 | 16.96 | 16.23 | 12.01 | 12.57 | 12.98 | |
| Notes | | | | | | | | | | | | | |

## Sampling Information

| Analyses | # | Laboratory |
|---|---|---|
| BTEXs | 12 | Buffalo-Test America |
| PAHs | 8 | Buffalo-Test America |
| Total CN | 4 | Buffalo-Test America |
| TAL Metals | 4 | Buffalo-Test America |
| Sample ID MW-4 | | Sample Time 1410 |
| MS/MSD | (Yes) | No |
| Duplicate | (Yes) | No |
| Duplicate ID DUP-20251120 | | Dup Time: — |
| Chain of Custody Signed By | AJS | |

**Problems / Observations**

**Initial Purge:** Pump on @ 1305
Clear, no odor

**Final Purge:** pump off @ 1435
Clear, no odor

# GROUNDWATER SAMPLING LOG

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

| | | | |
|---|---|---|---|
| **Sampling Personnel:** | Adam Svensson / Kaitlyn Fleming | **Well ID:** | MW-12 |
| **Client / Job Number:** | NYSEG / 30270811 | **Date:** | 11/20/2025 |
| **Weather:** | Sunny, 45° | **Time In:** | 1300 **Time Out:** 1415 |

## Well Information

| | | |
|---|---|---|
| Depth to Water: | 1.77 | (feet TIC) |
| Total Depth: | 16.31 | (feet TIC) |
| Length of Water Column: | 14.54 | (feet) |
| Volume of Water in Well: | 2.37 | (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: | 65 | (min) | | | |
| Average Pumping Rate: | 150 | (ml/min) | Water-Quality Meter Type: | YSI/Lamotte 2020 | |
| Total Volume Removed: | 2.0 | (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:** | 1315 | 1320 | 1325 | 1330 | 1335 | 1340 | 1345 | 1350 | 1355 | 1400 | | | |
| Volume Purged (gal) | | | 0.5 | | | 1.0 | | | 1.5 | S | | | |
| Rate (mL/min) | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | A | | | |
| Depth to Water (ft.) | 2.62 | 2.92 | 2.92 | 2.92 | 2.92 | 2.92 | 2.92 | 2.92 | 2.92 | M | | | |
| pH | 6.84 | 6.82 | 6.82 | 6.82 | 6.83 | 6.84 | 6.84 | 6.84 | 6.85 | P | | | |
| Temp. (C) | 11.8 | 11.6 | 11.3 | 11.5 | 11.5 | 11.6 | 11.6 | 11.5 | 11.5 | L | | | |
| Conductivity (mS/cm) | 0.912 | 0.911 | 0.927 | 0.962 | 1.018 | 1.046 | 1.078 | 1.101 | 1.100 | E | | | |
| Dissolved Oxygen (mg/l) | 0.82 | 0.56 | 0.44 | 0.38 | 0.33 | 0.29 | 0.27 | 0.26 | 0.25 | ↓ | | | |
| ORP (mV) | -140.3 | -156.1 | -162.3 | -165.6 | -169.2 | -172.0 | -174.5 | -175.4 | -176.3 | | | | |
| Turbidity (NTU) | 17.16 | 15.51 | 15.16 | 11.98 | 10.03 | 8.35 | 7.35 | 7.34 | 7.85 | ↓ | | | |
| Notes: | | | | | | | | | | | | | |

## Sampling Information

| Analyses | # | Laboratory |
|---|---|---|
| BTEXs | 3 | Buffalo-Test America |
| PAHs | 2 | Buffalo-Test America |
| Total CN | 1 | Buffalo-Test America |
| TAL Metals | 1 | Buffalo-Test America |
| Sample ID: MW-12 | | Sample Time: 1400 |
| MS/MSD: | Yes | (No) |
| Duplicate: | Yes | (No) |
| Duplicate ID: — | | Dup. Time: — |
| Chain of Custody Signed By: | AJS | |

## Problems / Observations

**Initial Purge:**

Pump on @ 1310 ; clear, no odor

**Final Purge:**

Pump off @ 1415 ; clear, no odor

# GROUNDWATER SAMPLING LOG

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

**Sampling Personnel:** Adam Svensson / Kaitlyn Fleming
**Well ID:** MW-14
**Client / Job Number:** NYSEG / 30270811
**Date:** 11/20/2025
**Weather:** Sunny, 42°
**Time In:** 1120 **Time Out:** 1300

## Well Information

| | | |
|---|---|---|
| Depth to Water: | 2.79 | (feet TIC) |
| Total Depth: | 13.86 | (feet TIC) |
| Length of Water Column: | 11.07 | (feet) |
| Volume of Water in Well: | 1.80 | (gal) |
| Screen Interval: | 4 - 14 | (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: 85 (min)
Average Pumping Rate: 120 (ml/min) Water-Quality Meter Type: YSI/Lamotte 2020
Total Volume Removed: 2.5 (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 | 1240 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1135 | 1140 | 1145 | 1150 | 1155 | 1200 | 1205 | 1210 | 1215 | 1220 | 1225 | 1230 | 1235 | |
| Volume Purged (gal) | | | 0.5 | | | 1.0 | | | 1.5 | | | 2.0 | | SAMPLE |
| Rate (mL/min) | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | |
| Depth to Water (ft.) | 3.42 | 3.45 | 3.45 | 3.55 | 3.55 | 3.55 | 3.55 | 3.55 | 3.55 | 3.55 | 3.55 | 3.55 | 3.55 | |
| pH | 7.14 | 7.12 | 7.12 | 7.11 | 7.11 | 7.11 | 7.11 | 7.11 | 7.11 | 7.11 | 7.11 | 7.10 | 7.10 | |
| Temp. (C) | 13.7 | 13.8 | 13.9 | 13.9 | 14.0 | 14.0 | 14.1 | 14.1 | 14.5 | 14.3 | 14.3 | 14.3 | 14.6 | |
| Conductivity (mS/cm) | 0.643 | 0.644 | 0.644 | 0.644 | 0.645 | 0.646 | 0.647 | 0.648 | 0.648 | 0.649 | 0.648 | 0.646 | 0.644 | |
| Dissolved Oxygen (mg/l) | 1.78 | 1.45 | 1.29 | 1.20 | 1.08 | 1.00 | 0.91 | 0.87 | 0.81 | 0.77 | 0.71 | 0.66 | 0.68 | |
| ORP (mV) | -83.6 | -130.1 | -144.9 | -150.9 | -156.9 | -161.3 | -165.4 | -167.8 | -171.1 | -174.0 | -177.5 | -180.3 | -181.9 | |
| Turbidity (NTU) | 139.45 | 126.49 | 104.32 | 91.83 | 79.24 | 61.60 | 60.10 | 53.29 | 49.78 | 45.53 | 38.56 | 35.13 | 35.87 | |
| Notes: | | | | | | | | | | | | | | |

## Sampling Information

| Analyses | # | Laboratory |
|---|---|---|
| BTEXs | 3 | Buffalo-Test America |
| PAHs | 2 | Buffalo-Test America |
| Total CN | 1 | Buffalo-Test America |
| TAL Metals | 1 | Buffalo-Test America |
| Sample ID: MW-14 | | Sample Time: 1240 |
| MS/MSD: | Yes (No) | |
| Duplicate: | Yes (No) | |
| Duplicate ID | — | Dup. Time: — |
| Chain of Custody Signed By: | AJS | |

## Problems / Observations

**Initial Purge:**

Pump on @ 1130 ; some brown susp. sediment, clear, no odor

**Final Purge:**

Pump off @ 1255 ; clear, no odor

# GROUNDWATER SAMPLING LOG

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

| | | | |
|---|---|---|---|
| **Sampling Personnel:** | Adam Svensson / Kaitlyn Fleming | **Well ID:** | MW-15 |
| **Client / Job Number:** | NYSEG / 30270811 | **Date:** | 11/20/25 |
| **Weather:** | 36 °F Sunny | **Time In:** | 1140 **Time Out:** 1300 |

## Well Information

| | | |
|---|---|---|
| Depth to Water: | 4.29 | (feet TIC) |
| Total Depth: | 13.80 | (feet TIC) |
| Length of Water Column: | 9.51 | (feet) |
| Volume of Water In Well: | 1.6 | (gal) |
| Screen Interval: | 4 - 14 | (feet) |
| Depth to pump Intake: | ~12.5 | (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: | 200 | (ml/min) | Water-Quality Meter Type: | YSI/Lamotte 2020 | |
| Total Volume Removed: | 3.2 | (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:** | 1150 | 1155 | 1200 | 1205 | 1210 | 1215 | 1220 | 1225 | 1230 | 1235 | 1240 | 1245 | |
| Volume Purged (gal) | 0.1 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.3 | 2.6 | 2.9 | S | |
| Rate (mL/min) | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | A | |
| Depth to Water (ft.) | 4.32 | 4.32 | 4.32 | 4.32 | 4.32 | 4.32 | 4.32 | 4.32 | 4.32 | 4.32 | 4.32 | m | |
| pH | 6.98 | 6.73 | 6.74 | 6.79 | 6.83 | 6.86 | 6.87 | 6.89 | 6.89 | 6.89 | 6.90 | P | |
| Temp. (C) | 13.9 | 13.7 | 13.5 | 13.5 | 13.4 | 13.3 | 13.4 | 13.4 | 13.5 | 13.4 | 13.4 | L | |
| Conductivity (mS/cm) | 1.071 | 1.058 | 1.091 | 1.133 | 1.155 | 1.169 | 1.170 | 1.175 | 1.179 | 1.179 | 1.178 | E | |
| Dissolved Oxygen (mg/l) | 5.35 | 2.62 | 1.95 | 1.41 | 1.18 | 1.02 | 0.90 | 0.82 | 0.77 | 0.73 | 0.70 | | |
| ORP (mV) | 195.9 | 170.6 | 125.8 | 49.8 | -8.0 | -37.3 | -54.0 | -64.7 | -71.7 | -76.7 | -80.4 | | |
| Turbidity (NTU) | 120.13 | 98.70 | 56.18 | 39.77 | 34.52 | 23.47 | 22.43 | 16.23 | 15.36 | 14.25 | 14.66 | | |
| Notes: | | | | | | | | | | | | | |

## Sampling Information

| Analyses | # | Laboratory |
|---|---|---|
| BTEXs | 3 | Buffalo-Test America |
| PAHs | 2 | Buffalo-Test America |
| Total CN | 1 | Buffalo-Test America |
| TAL Metals | 1 | Buffalo-Test America |
| Sample ID: MW-15 | | Sample Time: 1245 |
| MS/MSD: | Yes | (No) |
| Duplicate: | Yes | (No) |
| Duplicate ID — | | Dup. Time: — |
| Chain of Custody Signed By: AJS | | |

## Problems / Observations

**Initial Purge:** pump on @ 1145
Clear, no odor

**Final Purge:** pump off @ 1255
Clear, no odor

# 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

Generated 12/9/2025 2:28:58 PM

## JOB DESCRIPTION

NYSEG - Clyde
Groundwater

## JOB NUMBER

480-234716-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.



my EOL

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
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# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 3
Definitions/Glossary . . . . . 4
Case Narrative . . . . . 5
Detection Summary . . . . . 6
Client Sample Results . . . . . 8
Surrogate Summary . . . . . 19
QC Sample Results . . . . . 21
QC Association Summary . . . . . 31
Lab Chronicle . . . . . 34
Certification Summary . . . . . 36
Method Summary . . . . . 37
Sample Summary . . . . . 38
Chain of Custody . . . . . 39
Receipt Checklists . . . . . 40

# Definitions/Glossary

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

Job ID: 480-234716-1

## 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. |
| ^5+ | Linear Range Check (LRC) is outside acceptance limits, high 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 |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

## 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 ID: 480-234716-1 — Eurofins Buffalo

**Job Narrative**
**480-234716-1**

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 11/21/2025 5:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.4°C and 4.4°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 480-763498 is outside the acceptance criteria for the following analytes: total Silver, Arsenic, Copper, Selenium. 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.

Method 6010D: The recovery of post spike, (480-234716-C-1-A PDS), associated with batch 480-763551, exhibited results outside quality control limits for total Lead. However, the serial dilution (SD) of this sample was compliant, therefore no corrective action was necessary.

Method 6010D: The absolute response for total Lead was greater than the method reporting limit (RL) in the following sample: MW-4 (480-234716-1).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-763673 is outside the acceptance criteria for the following analytes: total Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 6010D: The following sample was diluted because the initial analysis produced a significant negative result for total Zinc - the absolute value exceeded the reporting limit (RL): DUP-20251120 (480-234716-6). Reporting limits (RLs) are elevated as a result.

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

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

# Detection Summary

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

Job ID: 480-234716-1

## Client Sample ID: MW-4 — Lab Sample ID: 480-234716-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 1.7 | J | 5.0 | 0.41 | ug/L | 1 | | 8270D | Total/NA |
| Anthracene | 0.32 | J | 5.0 | 0.28 | ug/L | 1 | | 8270D | Total/NA |
| Fluoranthene | 1.4 | J | 5.0 | 0.40 | ug/L | 1 | | 8270D | Total/NA |
| Fluorene | 1.1 | J | 5.0 | 0.36 | ug/L | 1 | | 8270D | Total/NA |
| Phenanthrene | 0.85 | J | 5.0 | 0.44 | ug/L | 1 | | 8270D | Total/NA |
| Pyrene | 1.7 | J | 5.0 | 0.34 | ug/L | 1 | | 8270D | Total/NA |
| Aluminum | 0.075 | J | 0.20 | 0.060 | mg/L | 1 | | 6010D | 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 | 25.5 | | 0.050 | 0.019 | mg/L | 1 | | 6010D | Total/NA |
| Magnesium | 30.9 | | 0.20 | 0.043 | mg/L | 1 | | 6010D | Total/NA |
| Manganese | 0.98 | | 0.0030 | 0.00040 | mg/L | 1 | | 6010D | Total/NA |
| Potassium | 7.4 | | 0.50 | 0.10 | mg/L | 1 | | 6010D | Total/NA |
| Sodium | 37.3 | | 1.0 | 0.32 | mg/L | 1 | | 6010D | Total/NA |
| Zinc | 0.059 | | 0.010 | 0.0015 | mg/L | 1 | | 6010D | Total/NA |
| Cyanide, Total | 0.0042 | J F1 | 0.010 | 0.0041 | mg/L | 1 | | 9012B | Total/NA |

## Client Sample ID: MW-12 — Lab Sample ID: 480-234716-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 0.096 | J | 0.20 | 0.060 | mg/L | 1 | | 6010D | Total/NA |
| Barium | 0.20 | | 0.0020 | 0.00070 | mg/L | 1 | | 6010D | Total/NA |
| Calcium | 135 | | 0.50 | 0.10 | mg/L | 1 | | 6010D | Total/NA |
| Iron | 13.8 | | 0.050 | 0.019 | mg/L | 1 | | 6010D | Total/NA |
| Magnesium | 24.3 | | 0.20 | 0.043 | mg/L | 1 | | 6010D | Total/NA |
| Manganese | 0.99 | | 0.0030 | 0.00040 | mg/L | 1 | | 6010D | Total/NA |
| Potassium | 13.1 | | 0.50 | 0.10 | mg/L | 1 | | 6010D | Total/NA |
| Sodium | 80.2 | | 1.0 | 0.32 | mg/L | 1 | | 6010D | Total/NA |
| Zinc | 0.039 | B ^5- | 0.010 | 0.0015 | mg/L | 1 | | 6010D | Total/NA |

## Client Sample ID: MW-14 — Lab Sample ID: 480-234716-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 1.8 | | 0.20 | 0.060 | mg/L | 1 | | 6010D | Total/NA |
| Barium | 0.042 | | 0.0020 | 0.00070 | mg/L | 1 | | 6010D | Total/NA |
| Calcium | 97.1 | | 0.50 | 0.10 | mg/L | 1 | | 6010D | Total/NA |
| Chromium | 0.0026 | J | 0.0040 | 0.0010 | mg/L | 1 | | 6010D | Total/NA |
| Copper | 0.030 | | 0.010 | 0.0016 | mg/L | 1 | | 6010D | Total/NA |
| Iron | 2.2 | | 0.050 | 0.019 | mg/L | 1 | | 6010D | Total/NA |
| Lead | 0.26 | | 0.010 | 0.0030 | mg/L | 1 | | 6010D | Total/NA |
| Magnesium | 25.6 | | 0.20 | 0.043 | mg/L | 1 | | 6010D | Total/NA |
| Manganese | 0.16 | | 0.0030 | 0.00040 | mg/L | 1 | | 6010D | Total/NA |
| Nickel | 0.0024 | J | 0.010 | 0.0013 | mg/L | 1 | | 6010D | Total/NA |
| Potassium | 4.6 | | 0.50 | 0.10 | mg/L | 1 | | 6010D | Total/NA |
| Sodium | 31.9 | | 1.0 | 0.32 | mg/L | 1 | | 6010D | Total/NA |
| Vanadium | 0.0032 | J | 0.0050 | 0.0015 | mg/L | 1 | | 6010D | Total/NA |
| Zinc | 0.011 | B ^5- | 0.010 | 0.0015 | mg/L | 1 | | 6010D | Total/NA |

## Client Sample ID: MW-15 — Lab Sample ID: 480-234716-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 0.21 | | 0.0020 | 0.00070 | mg/L | 1 | | 6010D | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: MW-15 (Continued) — Lab Sample ID: 480-234716-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Calcium | 220 | | 0.50 | 0.10 | mg/L | 1 | | 6010D | Total/NA |
| Iron | 13.8 | | 0.050 | 0.019 | mg/L | 1 | | 6010D | Total/NA |
| Magnesium | 37.3 | | 0.20 | 0.043 | mg/L | 1 | | 6010D | Total/NA |
| Manganese | 0.73 | | 0.0030 | 0.00040 | mg/L | 1 | | 6010D | Total/NA |
| Nickel | 0.0026 | J | 0.010 | 0.0013 | mg/L | 1 | | 6010D | Total/NA |
| Potassium | 11.0 | | 0.50 | 0.10 | mg/L | 1 | | 6010D | Total/NA |
| Sodium | 95.8 | | 1.0 | 0.32 | mg/L | 1 | | 6010D | Total/NA |
| Zinc | 0.059 | B ^5- | 0.010 | 0.0015 | mg/L | 1 | | 6010D | Total/NA |

## Client Sample ID: TRIP BLANK — Lab Sample ID: 480-234716-5

No Detections.

## Client Sample ID: DUP-20251120 — Lab Sample ID: 480-234716-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 1.7 | J | 5.0 | 0.41 | ug/L | 1 | | 8270D | Total/NA |
| Fluoranthene | 1.2 | J | 5.0 | 0.40 | ug/L | 1 | | 8270D | Total/NA |
| Fluorene | 1.0 | J | 5.0 | 0.36 | ug/L | 1 | | 8270D | Total/NA |
| Phenanthrene | 0.75 | J | 5.0 | 0.44 | ug/L | 1 | | 8270D | Total/NA |
| Pyrene | 1.6 | J | 5.0 | 0.34 | ug/L | 1 | | 8270D | Total/NA |
| Aluminum | 0.11 | J | 0.20 | 0.060 | mg/L | 1 | | 6010D | Total/NA |
| Barium | 0.27 | | 0.0020 | 0.00070 | mg/L | 1 | | 6010D | Total/NA |
| Calcium | 193 | | 0.50 | 0.10 | mg/L | 1 | | 6010D | Total/NA |
| Iron | 27.3 | | 0.050 | 0.019 | mg/L | 1 | | 6010D | Total/NA |
| Magnesium | 35.9 | | 0.20 | 0.043 | mg/L | 1 | | 6010D | Total/NA |
| Manganese | 1.1 | | 0.0030 | 0.00040 | mg/L | 1 | | 6010D | Total/NA |
| Potassium | 7.9 | | 0.50 | 0.10 | mg/L | 1 | | 6010D | Total/NA |
| Sodium | 40.0 | | 1.0 | 0.32 | mg/L | 1 | | 6010D | Total/NA |
| Zinc | 0.055 | B ^5- | 0.050 | 0.0075 | mg/L | 5 | | 6010D | Total/NA |
| Cyanide, Total | 0.016 | F1 | 0.010 | 0.0041 | mg/L | 1 | | 9012B | Total/NA |

This Detection Summary does not include radiochemical test results.

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

Job ID: 480-234716-1

## Client Sample ID: MW-4

**Date Collected: 11/20/25 14:10**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-1

**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 | | | 11/22/25 05:46 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 05:46 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 05:46 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 05:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *77 - 120* | | *11/22/25 05:46* | *1* |
| *4-Bromofluorobenzene (Surr)* | *108* | | *73 - 120* | | *11/22/25 05:46* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *75 - 123* | | *11/22/25 05:46* | *1* |
| *Toluene-d8 (Surr)* | *92* | | *80 - 120* | | *11/22/25 05:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Acenaphthene** | **1.7** | **J** | 5.0 | 0.41 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Acenaphthylene | ND | | 5.0 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| **Anthracene** | **0.32** | **J** | 5.0 | 0.28 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Benzo[a]anthracene | ND | | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Benzo[a]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Benzo[b]fluoranthene | ND | | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.0 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Benzo[k]fluoranthene | ND | | 5.0 | 0.73 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Chrysene | ND | | 5.0 | 0.33 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.0 | 0.42 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| **Fluoranthene** | **1.4** | **J** | 5.0 | 0.40 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| **Fluorene** | **1.1** | **J** | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Naphthalene | ND | | 5.0 | 0.76 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| **Phenanthrene** | **0.85** | **J** | 5.0 | 0.44 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| **Pyrene** | **1.7** | **J** | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *85* | | *53 - 126* | *11/24/25 09:03* | *11/25/25 14:15* | *1* |
| *Nitrobenzene-d5 (Surr)* | *69* | | *29 - 129* | *11/24/25 09:03* | *11/25/25 14:15* | *1* |
| *p-Terphenyl-d14 (Surr)* | *69* | | *33 - 132* | *11/24/25 09:03* | *11/25/25 14:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **0.075** | **J** | 0.20 | 0.060 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Arsenic | ND | ^5+ | 0.015 | 0.0056 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Barium** | **0.26** | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Beryllium | ND | ^5- | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Calcium** | **175** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Chromium | ND | | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Copper | ND | ^5+ | 0.010 | 0.0016 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Iron** | **25.5** | | 0.050 | 0.019 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Lead | ND | | 0.050 | 0.015 | mg/L | | 11/25/25 08:57 | 11/26/25 13:04 | 5 |
| **Magnesium** | **30.9** | | 0.20 | 0.043 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: MW-4

**Date Collected: 11/20/25 14:10**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-1

**Matrix: Ground Water**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Manganese** | **0.98** | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Nickel | ND | | 0.010 | 0.0013 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Potassium** | **7.4** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Selenium | ND | ^5+ | 0.025 | 0.0087 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Silver | ND | ^5- | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Sodium** | **37.3** | | 1.0 | 0.32 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Vanadium | ND | | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Zinc** | **0.059** | | 0.010 | 0.0015 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Cyanide, Total (SW846 9012B)** | **0.0042** | **J F1** | 0.010 | 0.0041 | mg/L | | | 12/03/25 01:56 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: MW-12
**Date Collected: 11/20/25 14:00**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-2
**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 | | | 11/22/25 06:08 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 06:08 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 06:08 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 06:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *109* | | *77 - 120* | | *11/22/25 06:08* | *1* |
| *4-Bromofluorobenzene (Surr)* | *107* | | *73 - 120* | | *11/22/25 06:08* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *75 - 123* | | *11/22/25 06:08* | *1* |
| *Toluene-d8 (Surr)* | *95* | | *80 - 120* | | *11/22/25 06:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | ND | | 5.2 | 0.43 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Acenaphthylene | ND | | 5.2 | 0.40 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Anthracene | ND | | 5.2 | 0.29 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Benzo[a]anthracene | ND | | 5.2 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Benzo[a]pyrene | ND | | 5.2 | 0.49 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Benzo[b]fluoranthene | ND | | 5.2 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.2 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Benzo[k]fluoranthene | ND | | 5.2 | 0.76 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Chrysene | ND | | 5.2 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.2 | 0.44 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Fluoranthene | ND | | 5.2 | 0.42 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Fluorene | ND | | 5.2 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.2 | 0.49 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Naphthalene | ND | | 5.2 | 0.79 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Phenanthrene | ND | | 5.2 | 0.46 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Pyrene | ND | | 5.2 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *74* | | *53 - 126* | *11/24/25 09:03* | *11/25/25 15:59* | *1* |
| *Nitrobenzene-d5 (Surr)* | *62* | | *29 - 129* | *11/24/25 09:03* | *11/25/25 15:59* | *1* |
| *p-Terphenyl-d14 (Surr)* | *67* | | *33 - 132* | *11/24/25 09:03* | *11/25/25 15:59* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **0.096** | **J** | 0.20 | 0.060 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Arsenic | ND | | 0.015 | 0.0056 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Barium** | **0.20** | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Beryllium | ND | | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Calcium** | **135** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Chromium | ND | | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Copper | ND | | 0.010 | 0.0016 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Iron** | **13.8** | | 0.050 | 0.019 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Lead | ND | | 0.010 | 0.0030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Magnesium** | **24.3** | | 0.20 | 0.043 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: MW-12
**Date Collected: 11/20/25 14:00**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-2
**Matrix: Ground Water**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Manganese** | **0.99** | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Nickel | ND | | 0.010 | 0.0013 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Potassium** | **13.1** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Selenium | ND | | 0.025 | 0.0087 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Silver | ND | ^5- | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Sodium** | **80.2** | | 1.0 | 0.32 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Vanadium | ND | | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Zinc** | **0.039** | **B ^5-** | 0.010 | 0.0015 | mg/L | | 11/25/25 08:59 | 12/01/25 14:20 | 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 | | | 12/03/25 02:23 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: MW-14

**Date Collected: 11/20/25 12:40**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-3

**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 | | | 11/22/25 06:30 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 06:30 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 06:30 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 06:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *77 - 120* | | *11/22/25 06:30* | *1* |
| *4-Bromofluorobenzene (Surr)* | *109* | | *73 - 120* | | *11/22/25 06:30* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *75 - 123* | | *11/22/25 06:30* | *1* |
| *Toluene-d8 (Surr)* | *92* | | *80 - 120* | | *11/22/25 06:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | ND | | 5.2 | 0.43 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Acenaphthylene | ND | | 5.2 | 0.40 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Anthracene | ND | | 5.2 | 0.29 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Benzo[a]anthracene | ND | | 5.2 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Benzo[a]pyrene | ND | | 5.2 | 0.49 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Benzo[b]fluoranthene | ND | | 5.2 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.2 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Benzo[k]fluoranthene | ND | | 5.2 | 0.76 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Chrysene | ND | | 5.2 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.2 | 0.44 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Fluoranthene | ND | | 5.2 | 0.42 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Fluorene | ND | | 5.2 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.2 | 0.49 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Naphthalene | ND | | 5.2 | 0.79 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Phenanthrene | ND | | 5.2 | 0.46 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Pyrene | ND | | 5.2 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *77* | | *53 - 126* | *11/24/25 09:03* | *11/25/25 16:25* | *1* |
| *Nitrobenzene-d5 (Surr)* | *63* | | *29 - 129* | *11/24/25 09:03* | *11/25/25 16:25* | *1* |
| *p-Terphenyl-d14 (Surr)* | *66* | | *33 - 132* | *11/24/25 09:03* | *11/25/25 16:25* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **1.8** | | 0.20 | 0.060 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Arsenic | ND | | 0.015 | 0.0056 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Barium** | **0.042** | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Beryllium | ND | | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Calcium** | **97.1** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Chromium** | **0.0026** | **J** | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Copper** | **0.030** | | 0.010 | 0.0016 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Iron** | **2.2** | | 0.050 | 0.019 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Lead** | **0.26** | | 0.010 | 0.0030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Magnesium** | **25.6** | | 0.20 | 0.043 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: MW-14
**Date Collected: 11/20/25 12:40**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-3
**Matrix: Ground Water**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Manganese** | **0.16** | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Nickel** | **0.0024** | **J** | 0.010 | 0.0013 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Potassium** | **4.6** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Selenium | ND | | 0.025 | 0.0087 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Silver | ND | ^5- | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Sodium** | **31.9** | | 1.0 | 0.32 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Vanadium** | **0.0032** | **J** | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Zinc** | **0.011** | **B ^5-** | 0.010 | 0.0015 | mg/L | | 11/25/25 08:59 | 12/01/25 14:30 | 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 | | | 12/03/25 02:27 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: MW-15

**Date Collected: 11/20/25 12:45**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-4

**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 | | | 11/22/25 06:53 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 06:53 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 06:53 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 06:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *77 - 120* | | *11/22/25 06:53* | *1* |
| *4-Bromofluorobenzene (Surr)* | *107* | | *73 - 120* | | *11/22/25 06:53* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *75 - 123* | | *11/22/25 06:53* | *1* |
| *Toluene-d8 (Surr)* | *93* | | *80 - 120* | | *11/22/25 06:53* | *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 | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Acenaphthylene | ND | | 5.0 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Anthracene | ND | | 5.0 | 0.28 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Benzo[a]anthracene | ND | | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Benzo[a]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Benzo[b]fluoranthene | ND | | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.0 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Benzo[k]fluoranthene | ND | | 5.0 | 0.73 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Chrysene | ND | | 5.0 | 0.33 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.0 | 0.42 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Fluoranthene | ND | | 5.0 | 0.40 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Fluorene | ND | | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Naphthalene | ND | | 5.0 | 0.76 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Phenanthrene | ND | | 5.0 | 0.44 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Pyrene | ND | | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *89* | | *53 - 126* | *11/24/25 09:03* | *11/25/25 16:51* | *1* |
| *Nitrobenzene-d5 (Surr)* | *74* | | *29 - 129* | *11/24/25 09:03* | *11/25/25 16:51* | *1* |
| *p-Terphenyl-d14 (Surr)* | *71* | | *33 - 132* | *11/24/25 09:03* | *11/25/25 16:51* | *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 | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Arsenic | ND | | 0.015 | 0.0056 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Barium** | **0.21** | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Beryllium | ND | | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Calcium** | **220** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Chromium | ND | | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Copper | ND | | 0.010 | 0.0016 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Iron** | **13.8** | | 0.050 | 0.019 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Lead | ND | | 0.010 | 0.0030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Magnesium** | **37.3** | | 0.20 | 0.043 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: MW-15

**Date Collected: 11/20/25 12:45**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-4

**Matrix: Ground Water**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Manganese** | **0.73** | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Nickel** | **0.0026** | **J** | 0.010 | 0.0013 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Potassium** | **11.0** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Selenium | ND | | 0.025 | 0.0087 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Silver | ND | ^5- | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Sodium** | **95.8** | | 1.0 | 0.32 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Vanadium | ND | | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Zinc** | **0.059** | **B ^5-** | 0.010 | 0.0015 | mg/L | | 11/25/25 08:59 | 12/01/25 14:31 | 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 | | | 12/03/25 02:31 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: TRIP BLANK

**Date Collected: 11/20/25 00:00**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-5

**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 | | | 11/22/25 07:15 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 07:15 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 07:15 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 07:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *77 - 120* | | *11/22/25 07:15* | *1* |
| *4-Bromofluorobenzene (Surr)* | *106* | | *73 - 120* | | *11/22/25 07:15* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *75 - 123* | | *11/22/25 07:15* | *1* |
| *Toluene-d8 (Surr)* | *93* | | *80 - 120* | | *11/22/25 07:15* | *1* |

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

Job ID: 480-234716-1

## Client Sample ID: DUP-20251120

**Date Collected: 11/20/25 00:00**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-6

**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 | | | 11/22/25 07:37 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 07:37 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 07:37 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 07:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *77 - 120* | | *11/22/25 07:37* | *1* |
| *4-Bromofluorobenzene (Surr)* | *108* | | *73 - 120* | | *11/22/25 07:37* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *75 - 123* | | *11/22/25 07:37* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | | *11/22/25 07:37* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Acenaphthene** | **1.7** | **J** | 5.0 | 0.41 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Acenaphthylene | ND | | 5.0 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Anthracene | ND | | 5.0 | 0.28 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Benzo[a]anthracene | ND | | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Benzo[a]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Benzo[b]fluoranthene | ND | | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.0 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Benzo[k]fluoranthene | ND | | 5.0 | 0.73 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Chrysene | ND | | 5.0 | 0.33 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.0 | 0.42 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| **Fluoranthene** | **1.2** | **J** | 5.0 | 0.40 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| **Fluorene** | **1.0** | **J** | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Naphthalene | ND | | 5.0 | 0.76 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| **Phenanthrene** | **0.75** | **J** | 5.0 | 0.44 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| **Pyrene** | **1.6** | **J** | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *84* | | *53 - 126* | *11/24/25 09:03* | *11/25/25 17:17* | *1* |
| *Nitrobenzene-d5 (Surr)* | *69* | | *29 - 129* | *11/24/25 09:03* | *11/25/25 17:17* | *1* |
| *p-Terphenyl-d14 (Surr)* | *68* | | *33 - 132* | *11/24/25 09:03* | *11/25/25 17:17* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **0.11** | **J** | 0.20 | 0.060 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Arsenic | ND | | 0.015 | 0.0056 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Barium** | **0.27** | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Beryllium | ND | | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Calcium** | **193** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Chromium | ND | | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Copper | ND | | 0.010 | 0.0016 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Iron** | **27.3** | | 0.050 | 0.019 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Lead | ND | | 0.050 | 0.015 | mg/L | | 11/25/25 08:59 | 12/01/25 14:33 | 5 |
| **Magnesium** | **35.9** | | 0.20 | 0.043 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: DUP-20251120

**Date Collected: 11/20/25 00:00**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-6

**Matrix: Water**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Manganese** | **1.1** | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Nickel | ND | | 0.010 | 0.0013 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Potassium** | **7.9** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Selenium | ND | | 0.025 | 0.0087 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Silver | ND | ^5- | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Sodium** | **40.0** | | 1.0 | 0.32 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Vanadium | ND | | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Zinc** | **0.055** | **B ^5-** | 0.050 | 0.0075 | mg/L | | 11/25/25 08:59 | 12/01/25 14:33 | 5 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Cyanide, Total (SW846 9012B)** | **0.016** | **F1** | 0.010 | 0.0041 | mg/L | | | 12/03/25 02:57 | 1 |

# Surrogate Summary

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

Job ID: 480-234716-1

## 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) |
| 480-234716-1 | MW-4 | 105 | 108 | 103 | 92 |
| 480-234716-1 MS | MW-4 | 105 | 107 | 105 | 95 |
| 480-234716-1 MSD | MW-4 | 104 | 107 | 101 | 94 |
| 480-234716-2 | MW-12 | 109 | 107 | 108 | 95 |
| 480-234716-3 | MW-14 | 103 | 109 | 97 | 92 |
| 480-234716-4 | MW-15 | 111 | 107 | 105 | 93 |

**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) |
| 480-234716-6 | DUP-20251120 | 102 | 108 | 99 | 97 |
| LCS 480-763224/6 | Lab Control Sample | 102 | 106 | 100 | 94 |
| MB 480-763224/8 | Method Blank | 99 | 108 | 102 | 97 |

**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) |
| 480-234716-5 | TRIP BLANK | 99 | 106 | 97 | 93 |

**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) |
| 480-234716-1 | MW-4 | 85 | 69 | 69 |
| 480-234716-1 MS | MW-4 | 83 | 70 | 56 |
| 480-234716-1 MSD | MW-4 | 80 | 72 | 60 |

# Surrogate Summary

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

Job ID: 480-234716-1

## 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) |
| 480-234716-2 | MW-12 | 74 | 62 | 67 |
| 480-234716-3 | MW-14 | 77 | 63 | 66 |
| 480-234716-4 | MW-15 | 89 | 74 | 71 |

**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) |
| 480-234716-6 | DUP-20251120 | 84 | 69 | 68 |
| LCS 480-763284/2-A | Lab Control Sample | 92 | 88 | 91 |
| MB 480-763284/1-A | Method Blank | 88 | 78 | 95 |

**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 480-763224/8**
**Matrix: Water**
**Analysis Batch: 763224**

**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 | | | 11/22/25 03:32 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 03:32 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 03:32 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 03:32 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *77 - 120* | | *11/22/25 03:32* | *1* |
| *4-Bromofluorobenzene (Surr)* | *108* | | *73 - 120* | | *11/22/25 03:32* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *75 - 123* | | *11/22/25 03:32* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | | *11/22/25 03:32* | *1* |

**Lab Sample ID: LCS 480-763224/6**
**Matrix: Water**
**Analysis Batch: 763224**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 25.0 | 23.2 | | ug/L | | 93 | 71 - 124 |
| Ethylbenzene | 25.0 | 23.6 | | ug/L | | 94 | 77 - 123 |
| Toluene | 25.0 | 22.9 | | ug/L | | 92 | 80 - 122 |
| Xylenes, Total | 50.0 | 45.5 | | ug/L | | 91 | 76 - 122 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *77 - 120* |
| *4-Bromofluorobenzene (Surr)* | *106* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *100* | | *75 - 123* |
| *Toluene-d8 (Surr)* | *94* | | *80 - 120* |

**Lab Sample ID: 480-234716-1 MS**
**Matrix: Ground Water**
**Analysis Batch: 763224**

**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 | 24.7 | | ug/L | | 99 | 77 - 123 |
| Toluene | ND | | 25.0 | 23.6 | | ug/L | | 95 | 80 - 122 |
| Xylenes, Total | ND | | 50.0 | 47.9 | | ug/L | | 96 | 76 - 122 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *77 - 120* |
| *4-Bromofluorobenzene (Surr)* | *107* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *105* | | *75 - 123* |
| *Toluene-d8 (Surr)* | *95* | | *80 - 120* |

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

**Lab Sample ID: 480-234716-1 MSD**
**Matrix: Ground Water**
**Analysis Batch: 763224**

**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 | 24.4 | | ug/L | | 97 | 71 - 124 | 4 | 13 |
| Ethylbenzene | ND | | 25.0 | 24.5 | | ug/L | | 98 | 77 - 123 | 1 | 15 |
| Toluene | ND | | 25.0 | 23.1 | | ug/L | | 93 | 80 - 122 | 2 | 15 |
| Xylenes, Total | ND | | 50.0 | 47.7 | | ug/L | | 95 | 76 - 122 | 0 | 16 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *77 - 120* |
| *4-Bromofluorobenzene (Surr)* | *107* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *101* | | *75 - 123* |
| *Toluene-d8 (Surr)* | *94* | | *80 - 120* |

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

**Lab Sample ID: MB 480-763284/1-A**
**Matrix: Water**
**Analysis Batch: 763396**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 763284**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | ND | | 5.0 | 0.41 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Acenaphthylene | ND | | 5.0 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Anthracene | ND | | 5.0 | 0.28 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Benzo[a]anthracene | ND | | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Benzo[a]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Benzo[b]fluoranthene | ND | | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.0 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Benzo[k]fluoranthene | ND | | 5.0 | 0.73 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Chrysene | ND | | 5.0 | 0.33 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.0 | 0.42 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Fluoranthene | ND | | 5.0 | 0.40 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Fluorene | ND | | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Naphthalene | ND | | 5.0 | 0.76 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Phenanthrene | ND | | 5.0 | 0.44 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |
| Pyrene | ND | | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 10:47 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *88* | | *53 - 126* | *11/24/25 09:03* | *11/25/25 10:47* | *1* |
| *Nitrobenzene-d5 (Surr)* | *78* | | *29 - 129* | *11/24/25 09:03* | *11/25/25 10:47* | *1* |
| *p-Terphenyl-d14 (Surr)* | *95* | | *33 - 132* | *11/24/25 09:03* | *11/25/25 10:47* | *1* |

**Lab Sample ID: LCS 480-763284/2-A**
**Matrix: Water**
**Analysis Batch: 763396**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 763284**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Acenaphthene | 32.0 | 27.2 | | ug/L | | 85 | 60 - 120 |
| Acenaphthylene | 32.0 | 26.8 | | ug/L | | 84 | 63 - 120 |
| Anthracene | 32.0 | 26.7 | | ug/L | | 83 | 67 - 120 |

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

**Lab Sample ID: LCS 480-763284/2-A**
**Matrix: Water**
**Analysis Batch: 763396**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 763284**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzo[a]anthracene | 32.0 | 27.1 | | ug/L | | 85 | 70 - 121 |
| Benzo[a]pyrene | 32.0 | 27.1 | | ug/L | | 85 | 60 - 123 |
| Benzo[b]fluoranthene | 32.0 | 25.9 | | ug/L | | 81 | 66 - 126 |
| Benzo[g,h,i]perylene | 32.0 | 26.8 | | ug/L | | 84 | 66 - 150 |
| Benzo[k]fluoranthene | 32.0 | 26.9 | | ug/L | | 84 | 65 - 124 |
| Chrysene | 32.0 | 28.3 | | ug/L | | 89 | 69 - 120 |
| Dibenz(a,h)anthracene | 32.0 | 26.3 | | ug/L | | 82 | 65 - 135 |
| Fluoranthene | 32.0 | 28.0 | | ug/L | | 88 | 69 - 126 |
| Fluorene | 32.0 | 27.6 | | ug/L | | 86 | 66 - 120 |
| Indeno[1,2,3-cd]pyrene | 32.0 | 26.3 | | ug/L | | 82 | 69 - 146 |
| Naphthalene | 32.0 | 23.5 | | ug/L | | 73 | 57 - 120 |
| Phenanthrene | 32.0 | 26.6 | | ug/L | | 83 | 68 - 120 |
| Pyrene | 32.0 | 27.2 | | ug/L | | 85 | 70 - 125 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *92* | | *53 - 126* |
| *Nitrobenzene-d5 (Surr)* | *88* | | *29 - 129* |
| *p-Terphenyl-d14 (Surr)* | *91* | | *33 - 132* |

**Lab Sample ID: 480-234716-1 MS**
**Matrix: Ground Water**
**Analysis Batch: 763396**

**Client Sample ID: MW-4**
**Prep Type: Total/NA**
**Prep Batch: 763284**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 1.7 | J | 32.0 | 24.7 | | ug/L | | 72 | 48 - 120 |
| Acenaphthylene | ND | | 32.0 | 22.9 | | ug/L | | 71 | 63 - 120 |
| Anthracene | 0.32 | J | 32.0 | 24.7 | | ug/L | | 76 | 65 - 122 |
| Benzo[a]anthracene | ND | | 32.0 | 19.8 | | ug/L | | 62 | 43 - 124 |
| Benzo[a]pyrene | ND | | 32.0 | 17.8 | | ug/L | | 56 | 23 - 125 |
| Benzo[b]fluoranthene | ND | | 32.0 | 17.8 | | ug/L | | 56 | 27 - 127 |
| Benzo[g,h,i]perylene | ND | | 32.0 | 17.3 | | ug/L | | 54 | 16 - 147 |
| Benzo[k]fluoranthene | ND | | 32.0 | 18.1 | | ug/L | | 57 | 20 - 124 |
| Chrysene | ND | | 32.0 | 20.0 | | ug/L | | 63 | 44 - 122 |
| Dibenz(a,h)anthracene | ND | | 32.0 | 17.4 | | ug/L | | 54 | 16 - 139 |
| Fluoranthene | 1.4 | J | 32.0 | 25.4 | | ug/L | | 75 | 63 - 129 |
| Fluorene | 1.1 | J | 32.0 | 24.6 | | ug/L | | 73 | 62 - 120 |
| Indeno[1,2,3-cd]pyrene | ND | | 32.0 | 17.2 | | ug/L | | 54 | 16 - 140 |
| Naphthalene | ND | | 32.0 | 20.6 | | ug/L | | 64 | 45 - 120 |
| Phenanthrene | 0.85 | J | 32.0 | 24.1 | | ug/L | | 73 | 65 - 122 |
| Pyrene | 1.7 | J | 32.0 | 23.8 | | ug/L | | 69 | 58 - 128 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *83* | | *53 - 126* |
| *Nitrobenzene-d5 (Surr)* | *70* | | *29 - 129* |
| *p-Terphenyl-d14 (Surr)* | *56* | | *33 - 132* |

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

**Lab Sample ID: 480-234716-1 MSD**
**Matrix: Ground Water**
**Analysis Batch: 763396**

**Client Sample ID: MW-4**
**Prep Type: Total/NA**
**Prep Batch: 763284**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 1.7 | J | 32.0 | 24.9 | | ug/L | | 72 | 48 - 120 | 1 | 24 |
| Acenaphthylene | ND | | 32.0 | 23.1 | | ug/L | | 72 | 63 - 120 | 1 | 18 |
| Anthracene | 0.32 | J | 32.0 | 24.7 | | ug/L | | 76 | 65 - 122 | 0 | 15 |
| Benzo[a]anthracene | ND | | 32.0 | 20.5 | | ug/L | | 64 | 43 - 124 | 4 | 15 |
| Benzo[a]pyrene | ND | | 32.0 | 18.6 | | ug/L | | 58 | 23 - 125 | 4 | 15 |
| Benzo[b]fluoranthene | ND | | 32.0 | 18.2 | | ug/L | | 57 | 27 - 127 | 2 | 15 |
| Benzo[g,h,i]perylene | ND | | 32.0 | 18.4 | | ug/L | | 57 | 16 - 147 | 6 | 15 |
| Benzo[k]fluoranthene | ND | | 32.0 | 19.1 | | ug/L | | 60 | 20 - 124 | 5 | 22 |
| Chrysene | ND | | 32.0 | 21.4 | | ug/L | | 67 | 44 - 122 | 7 | 15 |
| Dibenz(a,h)anthracene | ND | | 32.0 | 18.2 | | ug/L | | 57 | 16 - 139 | 5 | 15 |
| Fluoranthene | 1.4 | J | 32.0 | 25.9 | | ug/L | | 77 | 63 - 129 | 2 | 15 |
| Fluorene | 1.1 | J | 32.0 | 24.9 | | ug/L | | 74 | 62 - 120 | 1 | 15 |
| Indeno[1,2,3-cd]pyrene | ND | | 32.0 | 18.1 | | ug/L | | 57 | 16 - 140 | 5 | 15 |
| Naphthalene | ND | | 32.0 | 21.0 | | ug/L | | 66 | 45 - 120 | 2 | 29 |
| Phenanthrene | 0.85 | J | 32.0 | 24.0 | | ug/L | | 72 | 65 - 122 | 0 | 15 |
| Pyrene | 1.7 | J | 32.0 | 24.2 | | ug/L | | 70 | 58 - 128 | 2 | 19 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *80* | | *53 - 126* |
| *Nitrobenzene-d5 (Surr)* | *72* | | *29 - 129* |
| *p-Terphenyl-d14 (Surr)* | *60* | | *33 - 132* |

## Method: 6010D - Metals (ICP)

**Lab Sample ID: MB 480-763333/1-A**
**Matrix: Water**
**Analysis Batch: 763625**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 763333**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | ND | | 0.20 | 0.060 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Arsenic | ND | | 0.015 | 0.0056 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Barium | ND | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Beryllium | ND | | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Calcium | ND | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Chromium | ND | | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Copper | ND | | 0.010 | 0.0016 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Iron | ND | | 0.050 | 0.019 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Lead | ND | | 0.010 | 0.0030 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Magnesium | ND | | 0.20 | 0.043 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Manganese | ND | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Nickel | ND | | 0.010 | 0.0013 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Potassium | ND | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Selenium | ND | | 0.025 | 0.0087 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Silver | ND | ^5- | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Sodium | ND | | 1.0 | 0.32 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |

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

**Lab Sample ID: MB 480-763333/1-A**
**Matrix: Water**
**Analysis Batch: 763625**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 763333**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Vanadium | ND | | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |
| Zinc | 0.00796 | J ^5- | 0.010 | 0.0015 | mg/L | | 11/25/25 08:59 | 11/26/25 17:38 | 1 |

**Lab Sample ID: LCS 480-763333/2-A**
**Matrix: Water**
**Analysis Batch: 763625**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 763333**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Aluminum | 5.10 | 5.03 | | mg/L | | 99 | 80 - 120 |
| Antimony | 0.500 | 0.486 | | mg/L | | 97 | 80 - 120 |
| Arsenic | 1.00 | 1.07 | | mg/L | | 107 | 80 - 120 |
| Barium | 1.00 | 1.04 | | mg/L | | 104 | 80 - 120 |
| Beryllium | 0.496 | 0.532 | | mg/L | | 107 | 80 - 120 |
| Cadmium | 0.500 | 0.508 | | mg/L | | 102 | 80 - 120 |
| Calcium | 25.0 | 25.93 | | mg/L | | 104 | 80 - 120 |
| Chromium | 0.500 | 0.515 | | mg/L | | 103 | 80 - 120 |
| Cobalt | 0.500 | 0.559 | | mg/L | | 112 | 80 - 120 |
| Copper | 0.500 | 0.501 | | mg/L | | 100 | 80 - 120 |
| Iron | 5.10 | 5.66 | | mg/L | | 111 | 80 - 120 |
| Lead | 0.500 | 0.540 | | mg/L | | 108 | 80 - 120 |
| Magnesium | 25.0 | 25.77 | | mg/L | | 103 | 80 - 120 |
| Manganese | 0.500 | 0.500 | | mg/L | | 100 | 80 - 120 |
| Nickel | 0.500 | 0.513 | | mg/L | | 103 | 80 - 120 |
| Potassium | 25.0 | 23.98 | | mg/L | | 96 | 80 - 120 |
| Selenium | 0.999 | 0.981 | | mg/L | | 98 | 80 - 120 |
| Silver | 0.0500 | 0.0502 | ^5- | mg/L | | 100 | 80 - 120 |
| Sodium | 25.0 | 24.91 | | mg/L | | 100 | 80 - 120 |
| Thallium | 1.00 | 1.08 | | mg/L | | 108 | 80 - 120 |
| Vanadium | 0.500 | 0.507 | | mg/L | | 101 | 80 - 120 |
| Zinc | 0.500 | 0.574 | ^5- | mg/L | | 115 | 80 - 120 |

**Lab Sample ID: LCSD 480-763333/3-A**
**Matrix: Water**
**Analysis Batch: 763625**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 763333**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 5.10 | 5.03 | | mg/L | | 99 | 80 - 120 | 0 | 20 |
| Antimony | 0.500 | 0.486 | | mg/L | | 97 | 80 - 120 | 0 | 20 |
| Arsenic | 1.00 | 1.06 | | mg/L | | 106 | 80 - 120 | 1 | 20 |
| Barium | 1.00 | 1.03 | | mg/L | | 103 | 80 - 120 | 1 | 20 |
| Beryllium | 0.496 | 0.527 | | mg/L | | 106 | 80 - 120 | 1 | 20 |
| Cadmium | 0.500 | 0.508 | | mg/L | | 102 | 80 - 120 | 0 | 20 |
| Calcium | 25.0 | 25.54 | | mg/L | | 102 | 80 - 120 | 2 | 20 |
| Chromium | 0.500 | 0.513 | | mg/L | | 103 | 80 - 120 | 0 | 20 |
| Cobalt | 0.500 | 0.557 | | mg/L | | 111 | 80 - 120 | 0 | 20 |
| Copper | 0.500 | 0.502 | | mg/L | | 100 | 80 - 120 | 0 | 20 |
| Iron | 5.10 | 5.66 | | mg/L | | 111 | 80 - 120 | 0 | 20 |
| Lead | 0.500 | 0.537 | | mg/L | | 107 | 80 - 120 | 1 | 20 |

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

**Lab Sample ID: LCSD 480-763333/3-A**
**Matrix: Water**
**Analysis Batch: 763625**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 763333**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Magnesium | 25.0 | 25.56 | | mg/L | | 102 | 80 - 120 | 1 | 20 |
| Manganese | 0.500 | 0.496 | | mg/L | | 99 | 80 - 120 | 1 | 20 |
| Nickel | 0.500 | 0.515 | | mg/L | | 103 | 80 - 120 | 0 | 20 |
| Potassium | 25.0 | 23.68 | | mg/L | | 95 | 80 - 120 | 1 | 20 |
| Selenium | 0.999 | 0.990 | | mg/L | | 99 | 80 - 120 | 1 | 20 |
| Silver | 0.0500 | 0.0498 | ^5- | mg/L | | 100 | 80 - 120 | 1 | 20 |
| Sodium | 25.0 | 24.41 | | mg/L | | 98 | 80 - 120 | 2 | 20 |
| Thallium | 1.00 | 1.08 | | mg/L | | 108 | 80 - 120 | 0 | 20 |
| Vanadium | 0.500 | 0.506 | | mg/L | | 101 | 80 - 120 | 0 | 20 |
| Zinc | 0.500 | 0.581 | ^5- | mg/L | | 116 | 80 - 120 | 1 | 20 |

**Lab Sample ID: MB 480-763353/1-A**
**Matrix: Water**
**Analysis Batch: 763498**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 763353**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | ND | | 0.20 | 0.060 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Arsenic | ND | ^5+ | 0.015 | 0.0056 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Barium | ND | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Beryllium | ND | | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Calcium | ND | | 0.50 | 0.10 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Chromium | ND | | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Copper | ND | ^5+ | 0.010 | 0.0016 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Iron | ND | | 0.050 | 0.019 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Lead | ND | | 0.010 | 0.0030 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Magnesium | ND | | 0.20 | 0.043 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Manganese | ND | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Nickel | ND | | 0.010 | 0.0013 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Potassium | ND | | 0.50 | 0.10 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Selenium | ND | ^5+ | 0.025 | 0.0087 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Silver | ND | ^5- | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Sodium | ND | | 1.0 | 0.32 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Vanadium | ND | | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |
| Zinc | ND | | 0.010 | 0.0015 | mg/L | | 11/25/25 08:57 | 11/25/25 19:46 | 1 |

**Lab Sample ID: LCS 480-763353/2-A**
**Matrix: Water**
**Analysis Batch: 763498**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 763353**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Aluminum | 5.10 | 4.85 | | mg/L | | 95 | 80 - 120 |
| Antimony | 0.500 | 0.437 | | mg/L | | 87 | 80 - 120 |
| Arsenic | 1.00 | 0.937 | ^5+ | mg/L | | 94 | 80 - 120 |
| Barium | 1.00 | 0.995 | | mg/L | | 99 | 80 - 120 |
| Beryllium | 0.496 | 0.503 | | mg/L | | 101 | 80 - 120 |

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

**Lab Sample ID: LCS 480-763353/2-A**
**Matrix: Water**
**Analysis Batch: 763498**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 763353**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Cadmium | 0.500 | 0.456 | | mg/L | | 91 | 80 - 120 |
| Calcium | 25.0 | 24.71 | | mg/L | | 99 | 80 - 120 |
| Chromium | 0.500 | 0.493 | | mg/L | | 99 | 80 - 120 |
| Cobalt | 0.500 | 0.467 | | mg/L | | 93 | 80 - 120 |
| Copper | 0.500 | 0.449 | ^5+ | mg/L | | 90 | 80 - 120 |
| Iron | 5.10 | 5.52 | | mg/L | | 108 | 80 - 120 |
| Lead | 0.500 | 0.486 | | mg/L | | 97 | 80 - 120 |
| Magnesium | 25.0 | 23.40 | | mg/L | | 94 | 80 - 120 |
| Manganese | 0.500 | 0.477 | | mg/L | | 95 | 80 - 120 |
| Nickel | 0.500 | 0.488 | | mg/L | | 98 | 80 - 120 |
| Potassium | 25.0 | 24.27 | | mg/L | | 97 | 80 - 120 |
| Selenium | 0.999 | 0.896 | ^5+ | mg/L | | 90 | 80 - 120 |
| Silver | 0.0500 | 0.0486 | ^5- | mg/L | | 97 | 80 - 120 |
| Sodium | 25.0 | 25.31 | | mg/L | | 101 | 80 - 120 |
| Thallium | 1.00 | 0.954 | | mg/L | | 95 | 80 - 120 |
| Vanadium | 0.500 | 0.491 | | mg/L | | 98 | 80 - 120 |
| Zinc | 0.500 | 0.513 | | mg/L | | 103 | 80 - 120 |

**Lab Sample ID: 480-234716-1 MS**
**Matrix: Ground Water**
**Analysis Batch: 763498**

**Client Sample ID: MW-4**
**Prep Type: Total/NA**
**Prep Batch: 763353**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 0.075 | J | 5.10 | 5.00 | | mg/L | | 97 | 75 - 125 |
| Antimony | ND | | 0.500 | 0.457 | | mg/L | | 91 | 75 - 125 |
| Arsenic | ND | ^5+ | 1.00 | 0.960 | ^5+ | mg/L | | 96 | 75 - 125 |
| Barium | 0.26 | | 1.00 | 1.27 | | mg/L | | 101 | 75 - 125 |
| Beryllium | ND | ^5- | 0.496 | 0.509 | | mg/L | | 103 | 75 - 125 |
| Cadmium | ND | | 0.500 | 0.473 | | mg/L | | 95 | 75 - 125 |
| Calcium | 175 | | 25.0 | 198.5 | 4 | mg/L | | 94 | 75 - 125 |
| Chromium | ND | | 0.500 | 0.491 | | mg/L | | 98 | 75 - 125 |
| Cobalt | ND | | 0.500 | 0.470 | | mg/L | | 94 | 75 - 125 |
| Copper | ND | ^5+ | 0.500 | 0.475 | ^5+ | mg/L | | 95 | 75 - 125 |
| Iron | 25.5 | | 5.10 | 30.79 | 4 | mg/L | | 103 | 75 - 125 |
| Magnesium | 30.9 | | 25.0 | 55.15 | | mg/L | | 97 | 75 - 125 |
| Manganese | 0.98 | | 0.500 | 1.45 | | mg/L | | 95 | 75 - 125 |
| Nickel | ND | | 0.500 | 0.482 | | mg/L | | 96 | 75 - 125 |
| Potassium | 7.4 | | 25.0 | 32.84 | | mg/L | | 102 | 75 - 125 |
| Selenium | ND | ^5+ | 0.999 | 0.935 | ^5+ | mg/L | | 94 | 75 - 125 |
| Silver | ND | ^5- | 0.0500 | 0.0507 | ^5- | mg/L | | 101 | 75 - 125 |
| Sodium | 37.3 | | 25.0 | 63.52 | | mg/L | | 105 | 75 - 125 |
| Thallium | ND | | 1.00 | 0.986 | | mg/L | | 99 | 75 - 125 |
| Vanadium | ND | | 0.500 | 0.496 | | mg/L | | 99 | 75 - 125 |
| Zinc | 0.059 | | 0.500 | 0.551 | | mg/L | | 98 | 75 - 125 |

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

**Lab Sample ID: 480-234716-1 MS**
**Matrix: Ground Water**
**Analysis Batch: 763551**

**Client Sample ID: MW-4**
**Prep Type: Total/NA**
**Prep Batch: 763353**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | 0.535 | | mg/L | | 107 | 75 - 125 | | |

**Lab Sample ID: 480-234716-1 MSD**
**Matrix: Ground Water**
**Analysis Batch: 763498**

**Client Sample ID: MW-4**
**Prep Type: Total/NA**
**Prep Batch: 763353**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 0.075 | J | 5.10 | 5.00 | | mg/L | | 96 | 75 - 125 | 0 | 20 |
| Antimony | ND | | 0.500 | 0.456 | | mg/L | | 91 | 75 - 125 | 0 | 20 |
| Arsenic | ND | ^5+ | 1.00 | 0.954 | ^5+ | mg/L | | 95 | 75 - 125 | 1 | 20 |
| Barium | 0.26 | | 1.00 | 1.28 | | mg/L | | 102 | 75 - 125 | 0 | 20 |
| Beryllium | ND | ^5- | 0.496 | 0.511 | | mg/L | | 103 | 75 - 125 | 0 | 20 |
| Cadmium | ND | | 0.500 | 0.469 | | mg/L | | 94 | 75 - 125 | 1 | 20 |
| Calcium | 175 | | 25.0 | 197.2 | 4 | mg/L | | 89 | 75 - 125 | 1 | 20 |
| Chromium | ND | | 0.500 | 0.488 | | mg/L | | 98 | 75 - 125 | 0 | 20 |
| Cobalt | ND | | 0.500 | 0.467 | | mg/L | | 93 | 75 - 125 | 1 | 20 |
| Copper | ND | ^5+ | 0.500 | 0.471 | ^5+ | mg/L | | 94 | 75 - 125 | 1 | 20 |
| Iron | 25.5 | | 5.10 | 30.45 | 4 | mg/L | | 96 | 75 - 125 | 1 | 20 |
| Magnesium | 30.9 | | 25.0 | 54.75 | | mg/L | | 96 | 75 - 125 | 1 | 20 |
| Manganese | 0.98 | | 0.500 | 1.44 | | mg/L | | 93 | 75 - 125 | 1 | 20 |
| Nickel | ND | | 0.500 | 0.479 | | mg/L | | 96 | 75 - 125 | 1 | 20 |
| Potassium | 7.4 | | 25.0 | 32.84 | | mg/L | | 102 | 75 - 125 | 0 | 20 |
| Selenium | ND | ^5+ | 0.999 | 0.920 | ^5+ | mg/L | | 92 | 75 - 125 | 2 | 20 |
| Silver | ND | ^5- | 0.0500 | 0.0500 | ^5- | mg/L | | 100 | 75 - 125 | 1 | 20 |
| Sodium | 37.3 | | 25.0 | 62.87 | | mg/L | | 102 | 75 - 125 | 1 | 20 |
| Thallium | ND | | 1.00 | 0.977 | | mg/L | | 98 | 75 - 125 | 1 | 20 |
| Vanadium | ND | | 0.500 | 0.492 | | mg/L | | 98 | 75 - 125 | 1 | 20 |
| Zinc | 0.059 | | 0.500 | 0.543 | | mg/L | | 97 | 75 - 125 | 1 | 20 |

**Lab Sample ID: 480-234716-1 MSD**
**Matrix: Ground Water**
**Analysis Batch: 763551**

**Client Sample ID: MW-4**
**Prep Type: Total/NA**
**Prep Batch: 763353**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | 0.521 | | mg/L | | 104 | 75 - 125 | 3 | 20 |

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

**Lab Sample ID: MB 480-763907/21**
**Matrix: Water**
**Analysis Batch: 763907**

**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 | | | 12/02/25 23:22 | 1 |

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

**Lab Sample ID: MB 480-763907/47**
**Matrix: Water**
**Analysis Batch: 763907**

**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 | | | 12/03/25 01:02 | 1 |

**Lab Sample ID: MB 480-763907/75**
**Matrix: Water**
**Analysis Batch: 763907**

**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 | | | 12/03/25 02:49 | 1 |

**Lab Sample ID: HLCS 480-763907/22**
**Matrix: Water**
**Analysis Batch: 763907**

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

| Analyte | | | Spike Added | HLCS Result | HLCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | | | 0.400 | 0.418 | | mg/L | | 104 | 90 - 110 | | |

**Lab Sample ID: LCS 480-763907/48**
**Matrix: Water**
**Analysis Batch: 763907**

**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 | 0.243 | | mg/L | | 97 | 90 - 110 | | |

**Lab Sample ID: LCS 480-763907/76**
**Matrix: Water**
**Analysis Batch: 763907**

**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 | 0.239 | | mg/L | | 96 | 90 - 110 | | |

**Lab Sample ID: LLCS 480-763907/24**
**Matrix: Water**
**Analysis Batch: 763907**

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

| Analyte | | | Spike Added | LLCS Result | LLCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | | | 0.0100 | 0.00560 | J | mg/L | | 56 | 50 - 150 | | |

**Lab Sample ID: 480-234716-1 MS**
**Matrix: Ground Water**
**Analysis Batch: 763907**

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

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | 0.0042 | J F1 | 0.100 | 0.0723 | F1 | mg/L | | 68 | 90 - 110 | | |

**Lab Sample ID: 480-234716-1 MSD**
**Matrix: Ground Water**
**Analysis Batch: 763907**

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

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | 0.0042 | J F1 | 0.100 | 0.0695 | F1 | mg/L | | 65 | 90 - 110 | 4 | 15 |

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

Job ID: 480-234716-1

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

**Lab Sample ID: 480-234716-6 MS**
**Matrix: Water**
**Analysis Batch: 763907**

**Client Sample ID: DUP-20251120**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | 0.016 | F1 | 0.100 | 0.0770 | F1 | mg/L | | 61 | 90 - 110 |

## GC/MS VOA

### Analysis Batch: 763224

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-234716-1 | MW-4 | Total/NA | Ground Water | 8260C | |
| 480-234716-2 | MW-12 | Total/NA | Ground Water | 8260C | |
| 480-234716-3 | MW-14 | Total/NA | Ground Water | 8260C | |
| 480-234716-4 | MW-15 | Total/NA | Ground Water | 8260C | |
| 480-234716-5 | TRIP BLANK | Total/NA | WQ | 8260C | |
| 480-234716-6 | DUP-20251120 | Total/NA | Water | 8260C | |
| MB 480-763224/8 | Method Blank | Total/NA | Water | 8260C | |
| LCS 480-763224/6 | Lab Control Sample | Total/NA | Water | 8260C | |
| 480-234716-1 MS | MW-4 | Total/NA | Ground Water | 8260C | |
| 480-234716-1 MSD | MW-4 | Total/NA | Ground Water | 8260C | |

## GC/MS Semi VOA

### Prep Batch: 763284

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-234716-1 | MW-4 | Total/NA | Ground Water | 3510C | |
| 480-234716-2 | MW-12 | Total/NA | Ground Water | 3510C | |
| 480-234716-3 | MW-14 | Total/NA | Ground Water | 3510C | |
| 480-234716-4 | MW-15 | Total/NA | Ground Water | 3510C | |
| 480-234716-6 | DUP-20251120 | Total/NA | Water | 3510C | |
| MB 480-763284/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 480-763284/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| 480-234716-1 MS | MW-4 | Total/NA | Ground Water | 3510C | |
| 480-234716-1 MSD | MW-4 | Total/NA | Ground Water | 3510C | |

### Analysis Batch: 763396

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-234716-1 | MW-4 | Total/NA | Ground Water | 8270D | 763284 |
| 480-234716-2 | MW-12 | Total/NA | Ground Water | 8270D | 763284 |
| 480-234716-3 | MW-14 | Total/NA | Ground Water | 8270D | 763284 |
| 480-234716-4 | MW-15 | Total/NA | Ground Water | 8270D | 763284 |
| 480-234716-6 | DUP-20251120 | Total/NA | Water | 8270D | 763284 |
| MB 480-763284/1-A | Method Blank | Total/NA | Water | 8270D | 763284 |
| LCS 480-763284/2-A | Lab Control Sample | Total/NA | Water | 8270D | 763284 |
| 480-234716-1 MS | MW-4 | Total/NA | Ground Water | 8270D | 763284 |
| 480-234716-1 MSD | MW-4 | Total/NA | Ground Water | 8270D | 763284 |

## Metals

### Prep Batch: 763333

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-234716-2 | MW-12 | Total/NA | Ground Water | 3005A | |
| 480-234716-3 | MW-14 | Total/NA | Ground Water | 3005A | |
| 480-234716-4 | MW-15 | Total/NA | Ground Water | 3005A | |
| 480-234716-6 | DUP-20251120 | Total/NA | Water | 3005A | |
| MB 480-763333/1-A | Method Blank | Total/NA | Water | 3005A | |
| LCS 480-763333/2-A | Lab Control Sample | Total/NA | Water | 3005A | |
| LCSD 480-763333/3-A | Lab Control Sample Dup | Total/NA | Water | 3005A | |

### Prep Batch: 763353

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-234716-1 | MW-4 | Total/NA | Ground Water | 3005A | |

## Metals (Continued)

### Prep Batch: 763353 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 480-763353/1-A | Method Blank | Total/NA | Water | 3005A | |
| LCS 480-763353/2-A | Lab Control Sample | Total/NA | Water | 3005A | |
| 480-234716-1 MS | MW-4 | Total/NA | Ground Water | 3005A | |
| 480-234716-1 MSD | MW-4 | Total/NA | Ground Water | 3005A | |

### Analysis Batch: 763498

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-234716-1 | MW-4 | Total/NA | Ground Water | 6010D | 763353 |
| MB 480-763353/1-A | Method Blank | Total/NA | Water | 6010D | 763353 |
| LCS 480-763353/2-A | Lab Control Sample | Total/NA | Water | 6010D | 763353 |
| 480-234716-1 MS | MW-4 | Total/NA | Ground Water | 6010D | 763353 |
| 480-234716-1 MSD | MW-4 | Total/NA | Ground Water | 6010D | 763353 |

### Analysis Batch: 763551

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-234716-1 | MW-4 | Total/NA | Ground Water | 6010D | 763353 |
| 480-234716-1 MS | MW-4 | Total/NA | Ground Water | 6010D | 763353 |
| 480-234716-1 MSD | MW-4 | Total/NA | Ground Water | 6010D | 763353 |

### Analysis Batch: 763625

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-234716-2 | MW-12 | Total/NA | Ground Water | 6010D | 763333 |
| 480-234716-3 | MW-14 | Total/NA | Ground Water | 6010D | 763333 |
| 480-234716-4 | MW-15 | Total/NA | Ground Water | 6010D | 763333 |
| 480-234716-6 | DUP-20251120 | Total/NA | Water | 6010D | 763333 |
| MB 480-763333/1-A | Method Blank | Total/NA | Water | 6010D | 763333 |
| LCS 480-763333/2-A | Lab Control Sample | Total/NA | Water | 6010D | 763333 |
| LCSD 480-763333/3-A | Lab Control Sample Dup | Total/NA | Water | 6010D | 763333 |

### Analysis Batch: 763673

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-234716-2 | MW-12 | Total/NA | Ground Water | 6010D | 763333 |
| 480-234716-3 | MW-14 | Total/NA | Ground Water | 6010D | 763333 |
| 480-234716-4 | MW-15 | Total/NA | Ground Water | 6010D | 763333 |
| 480-234716-6 | DUP-20251120 | Total/NA | Water | 6010D | 763333 |

## General Chemistry

### Analysis Batch: 763907

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-234716-1 | MW-4 | Total/NA | Ground Water | 9012B | |
| 480-234716-2 | MW-12 | Total/NA | Ground Water | 9012B | |
| 480-234716-3 | MW-14 | Total/NA | Ground Water | 9012B | |
| 480-234716-4 | MW-15 | Total/NA | Ground Water | 9012B | |
| 480-234716-6 | DUP-20251120 | Total/NA | Water | 9012B | |
| MB 480-763907/21 | Method Blank | Total/NA | Water | 9012B | |
| MB 480-763907/47 | Method Blank | Total/NA | Water | 9012B | |
| MB 480-763907/75 | Method Blank | Total/NA | Water | 9012B | |
| HLCS 480-763907/22 | Lab Control Sample | Total/NA | Water | 9012B | |
| LCS 480-763907/48 | Lab Control Sample | Total/NA | Water | 9012B | |
| LCS 480-763907/76 | Lab Control Sample | Total/NA | Water | 9012B | |

## General Chemistry (Continued)

### Analysis Batch: 763907 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LLCS 480-763907/24 | Lab Control Sample | Total/NA | Water | 9012B | |
| 480-234716-1 MS | MW-4 | Total/NA | Ground Water | 9012B | |
| 480-234716-1 MSD | MW-4 | Total/NA | Ground Water | 9012B | |
| 480-234716-6 MS | DUP-20251120 | Total/NA | Water | 9012B | |

# Lab Chronicle

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

Job ID: 480-234716-1

## Client Sample ID: MW-4

**Date Collected: 11/20/25 14:10**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-1

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 763224 | ATG | EET BUF | 11/22/25 05:46 |
| Total/NA | Prep | 3510C | | | 763284 | JMP | EET BUF | 11/24/25 09:03 |
| Total/NA | Analysis | 8270D | | 1 | 763396 | JMM | EET BUF | 11/25/25 14:15 |
| Total/NA | Prep | 3005A | | | 763353 | EMO | EET BUF | 11/25/25 08:57 |
| Total/NA | Analysis | 6010D | | 1 | 763498 | MP | EET BUF | 11/25/25 19:49 |
| Total/NA | Prep | 3005A | | | 763353 | EMO | EET BUF | 11/25/25 08:57 |
| Total/NA | Analysis | 6010D | | 5 | 763551 | MP | EET BUF | 11/26/25 13:04 |
| Total/NA | Analysis | 9012B | | 1 | 763907 | GW | EET BUF | 12/03/25 01:56 |

## Client Sample ID: MW-12

**Date Collected: 11/20/25 14:00**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-2

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 763224 | ATG | EET BUF | 11/22/25 06:08 |
| Total/NA | Prep | 3510C | | | 763284 | JMP | EET BUF | 11/24/25 09:03 |
| Total/NA | Analysis | 8270D | | 1 | 763396 | JMM | EET BUF | 11/25/25 15:59 |
| Total/NA | Prep | 3005A | | | 763333 | EMO | EET BUF | 11/25/25 08:59 |
| Total/NA | Analysis | 6010D | | 1 | 763625 | MP | EET BUF | 11/26/25 18:39 |
| Total/NA | Prep | 3005A | | | 763333 | EMO | EET BUF | 11/25/25 08:59 |
| Total/NA | Analysis | 6010D | | 1 | 763673 | MP | EET BUF | 12/01/25 14:20 |
| Total/NA | Analysis | 9012B | | 1 | 763907 | GW | EET BUF | 12/03/25 02:23 |

## Client Sample ID: MW-14

**Date Collected: 11/20/25 12:40**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-3

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 763224 | ATG | EET BUF | 11/22/25 06:30 |
| Total/NA | Prep | 3510C | | | 763284 | JMP | EET BUF | 11/24/25 09:03 |
| Total/NA | Analysis | 8270D | | 1 | 763396 | JMM | EET BUF | 11/25/25 16:25 |
| Total/NA | Prep | 3005A | | | 763333 | EMO | EET BUF | 11/25/25 08:59 |
| Total/NA | Analysis | 6010D | | 1 | 763625 | MP | EET BUF | 11/26/25 18:41 |
| Total/NA | Prep | 3005A | | | 763333 | EMO | EET BUF | 11/25/25 08:59 |
| Total/NA | Analysis | 6010D | | 1 | 763673 | MP | EET BUF | 12/01/25 14:30 |
| Total/NA | Analysis | 9012B | | 1 | 763907 | GW | EET BUF | 12/03/25 02:27 |

## Client Sample ID: MW-15

**Date Collected: 11/20/25 12:45**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-4

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 763224 | ATG | EET BUF | 11/22/25 06:53 |
| Total/NA | Prep | 3510C | | | 763284 | JMP | EET BUF | 11/24/25 09:03 |
| Total/NA | Analysis | 8270D | | 1 | 763396 | JMM | EET BUF | 11/25/25 16:51 |

# Lab Chronicle

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

Job ID: 480-234716-1

## Client Sample ID: MW-15

**Date Collected: 11/20/25 12:45**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-4

**Matrix: Ground Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3005A | | | 763333 | EMO | EET BUF | 11/25/25 08:59 |
| Total/NA | Analysis | 6010D | | 1 | 763625 | MP | EET BUF | 11/26/25 18:43 |
| Total/NA | Prep | 3005A | | | 763333 | EMO | EET BUF | 11/25/25 08:59 |
| Total/NA | Analysis | 6010D | | 1 | 763673 | MP | EET BUF | 12/01/25 14:31 |
| Total/NA | Analysis | 9012B | | 1 | 763907 | GW | EET BUF | 12/03/25 02:31 |

## Client Sample ID: TRIP BLANK

**Date Collected: 11/20/25 00:00**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-5

**Matrix: WQ**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 763224 | ATG | EET BUF | 11/22/25 07:15 |

## Client Sample ID: DUP-20251120

**Date Collected: 11/20/25 00:00**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-6

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 763224 | ATG | EET BUF | 11/22/25 07:37 |
| Total/NA | Prep | 3510C | | | 763284 | JMP | EET BUF | 11/24/25 09:03 |
| Total/NA | Analysis | 8270D | | 1 | 763396 | JMM | EET BUF | 11/25/25 17:17 |
| Total/NA | Prep | 3005A | | | 763333 | EMO | EET BUF | 11/25/25 08:59 |
| Total/NA | Analysis | 6010D | | 1 | 763625 | MP | EET BUF | 11/26/25 18:45 |
| Total/NA | Prep | 3005A | | | 763333 | EMO | EET BUF | 11/25/25 08:59 |
| Total/NA | Analysis | 6010D | | 5 | 763673 | MP | EET BUF | 12/01/25 14:33 |
| Total/NA | Analysis | 9012B | | 1 | 763907 | GW | EET BUF | 12/03/25 02:57 |

**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: 480-234716-1
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 | 03-31-26 |

# Method Summary

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

Job ID: 480-234716-1

| 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: 480-234716-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 480-234716-1 | MW-4 | Ground Water | 11/20/25 14:10 | 11/21/25 17:40 | New York |
| 480-234716-2 | MW-12 | Ground Water | 11/20/25 14:00 | 11/21/25 17:40 | New York |
| 480-234716-3 | MW-14 | Ground Water | 11/20/25 12:40 | 11/21/25 17:40 | New York |
| 480-234716-4 | MW-15 | Ground Water | 11/20/25 12:45 | 11/21/25 17:40 | New York |
| 480-234716-5 | TRIP BLANK | WQ | 11/20/25 00:00 | 11/21/25 17:40 | New York |
| 480-234716-6 | DUP-20251120 | Water | 11/20/25 00:00 | 11/21/25 17:40 | New York |

| | | | |
|---|---|---|---|
| Company: New York State Electric & Gas | PWSID: | Analysis Requested | Job #: |
| Address: 18 Link Drive | Due Date Requested: | | Preservation Codes: B - NaOH, N - None, D - HNO3, A - HCL |
| 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#: | | |

480-234716 Chain of Custody

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, 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 cont | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | B | N | D | A | | |
| MW-4 | 11/20/25 | 1410 | G | Water | N | Y | X | X | X | X | 21 | |
| MW-12 | 11/20/25 | 1400 | G | Water | N | N | X | X | X | X | 7 | |
| MW-14 | 11/20/25 | 1240 | G | Water | N | N | X | X | X | X | 7 | |
| MW-15 | 11/20/25 | 1245 | G | Water | N | N | X | X | X | X | 7 | |
| DUP-20251120 | 11/20/25 | — | G | Water | N | N | X | X | X | X | 7 | |
| | | | | Water | | | | | | | | |
| | | | | Water | | | | | | | | |
| | | | | Water | | | | | | | | |
| TRIP BLANK | — | — | G | 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:

| | Date/Time | Company | | Date/Time | Company |
|---|---|---|---|---|---|
| Relinquished by: | 11/20/25 1740 | Arcadis | Received by: | 11-20-25 1740 | |
| Relinquished by: | | | Received by: | | |
| Relinquished by: | | | Received by: | | |

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

Cooler Temperature(s) °C and Other Remarks: 2.4, 4.4 IR#SC ICE

Ver: 10/10/2024

# Login Sample Receipt Checklist

Client: New York State Electric & Gas

Job Number: 480-234716-1

**Login Number: 234716**
**List Number: 1**
**Creator: Yeager, Brian A**

**List Source: Eurofins Buffalo**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity either was not measured or, if measured, is at or below background | True | |
| The cooler's custody seal, if present, is intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 2.4,4.4 ICE IR# SC |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time (Excluding tests with immediate HTs).. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | True | |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Sampling Company provided. | True | Arcadis |
| Samples received within 48 hours of sampling. | True | |
| Samples requiring field filtration have been filtered in the field. | True | |
| Chlorine Residual checked. | N/A | |

# Attachment 3

## Data Usability Summary Reports

NYSEG – Clyde
Groundwater

# Data Usability Summary Report

## Clyde, New York

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

SDG # 480-234716-1

Analyses Performed By:
Eurofins Buffalo
Amherst, New York

Report # 62245R
Review Level: Tier III
Project: 30270811.2

# Summary

This Data Usability Summary Report (DUSR) summarizes the review of Sample Delivery Group (SDG)# 480-234716-1 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 | 480-234716-1 | Water | 11/20/2025 | | X | X | X | X |
| MW-12 | 480-234716-2 | Water | 11/20/2025 | | X | X | X | X |
| MW-14 | 480-234716-3 | Water | 11/20/2025 | | X | X | X | X |
| MW-15 | 480-234716-4 | Water | 11/20/2025 | | X | X | X | X |
| TRIP BLANK | 480-234716-5 | Water | 11/20/2025 | | X | | | |
| DUP-20250522 | 480-234716-6 | Water | 11/20/2025 | MW-4 | X | X | X | X |

**Notes:**

VOC = Volatile Organic Compounds

SVOC = Semi-volatile Organic Compounds

# Analytical Data Package Documentation

The table below evaluates the data package completeness.

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

**Note:**
QA = quality assurance

# Organic Analysis Introduction

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

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

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

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

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

# Volatile Organic Compounds (VOCs) Analyses

## 1. Holding Times/Preservation

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

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

**Note:**
s.u. = standard units

All samples were analyzed within the specified holding times.

## 2. Blank Contamination

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

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

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

## 3. Mass Spectrometer Tuning

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

System performance and column resolution were acceptable.

## 4. Calibration

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

### 4.1 Initial Calibration

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

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

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

## 4.2 Continuing Calibration

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

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

## 5. Surrogates/System Monitoring Compounds

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

All surrogate recoveries were within control limits

## 6. Internal Standard Performance

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

All internal standard responses were within control limits.

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

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

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

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

## 8. Laboratory Control Sample (LCS) Analysis

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

The LCS analysis exhibited recoveries within the control limits.

## 9. Field Duplicate Analysis

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

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

Results for duplicate samples are summarized in the following table.

| Sample ID/Duplicate ID | Compounds | Sample Result (ug/L) | Duplicate Result (ug/L) | RPD |
|---|---|---|---|---|
| MW-4 / DUP-20251120 | All compounds | U | U | AC |

**Notes:**
U Non detected
AC Acceptable

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

## 10. Compound Identification

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

All identified compounds met the specified criteria.

## 11. System Performance and Overall Assessment

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

# Data Validation Checklist for VOCs

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

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

**Notes:**
%RSD = Relative standard deviation
%R = Percent recovery
RPD = Relative percent difference
%D = Percent difference

# Semi-volatile Organic Compounds (SVOCs) Analyses

## 1. Holding Times/Preservation

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

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

All samples were analyzed within the specified holding time criterion.

## 2. Blank Contamination

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

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

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

## 3. Mass Spectrometer Tuning

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

System performance and column resolution were acceptable.

## 4. Calibration

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

## 4.1 Initial Calibration

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

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

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

## 4.2 Continuing Calibration

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

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

# 5. Surrogates/System Monitoring Compounds

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

All surrogate recoveries were within control limits.

# 6. Internal Standard Performance

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

All internal standard responses were within control limits.

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

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

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

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

# 8. Laboratory Control Sample (LCS) Analysis

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

The LCS analysis exhibited recoveries within the control limits.

# 9. Field Duplicate Analysis

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

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

Results for duplicate samples are summarized in the following table.

| Sample ID/Duplicate ID | Compounds | Sample Result (ug/L) | Duplicate Result (ug/Kg) | RPD |
|---|---|---|---|---|
| MW-4 / DUP-20251120 | Acenaphthene | 1.7 J | 1.7 J | AC |
| | Fluoranthene | 0.32 J | 1.2 J | AC |
| | Fluorene | 1.4 J | 1.0 J | AC |
| | Phenanthrene | 1.1 J | 0.75 J | AC |
| | Pyrene | 0.85 J | 1.6 J | AC |

**Notes:**
U Non detected
AC Acceptable

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

## 10. Compound Identification

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

All identified compounds met the specified criteria.

## 11. System Performance and Overall Assessment

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

# Data Validation Checklist for SVOCs

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

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

**Notes:**

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

# Inorganic Analysis Introduction

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

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

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

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

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

# Metals Analyses

## 1. Holding Times/Preservation

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

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

All samples were analyzed within the specified holding times.

## 2. Blank Contamination

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

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

All analytes associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the analytes listed in the following table. Sample results associated with QA blank contamination that were greater than the BAL resulted in the removal of the laboratory qualifier (B) from the data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

| Sample ID | Analyte | Sample Result | Qualification |
|---|---|---|---|
| MW-12<br>MW-14 | Zinc (Method blank) | Detected sample results <RL and <BAL | “UB” at the RL |

**Note:**

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

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

## 4.2 Laboratory Duplicate Analysis

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

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

# 5. Field Duplicate Analysis

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

Results for duplicate samples are summarized in the following table.

| Sample ID/Duplicate ID | Analytes | Sample Result (mg/L) | Duplicate Result (mg/L) | RPD |
|---|---|---|---|---|
| MW-4 / DUP-20251120 | Aluminum | 0.075 J | 0.11 | AC |
| | Barium | 0.26 | 0.27 | 3.8% |
| | Calcium | 175 | 193 | 9.8% |
| | Iron | 25.5 | 27.3 | 6.8% |
| | Magnesium | 30.9 | 35.9 | 15.0% |
| | Manganese | 0.98 | 1.1 | 11.5% |
| | Potassium | 7.4 | 7.9 | 6.5% |
| | Sodium | 37.3 | 40.0 | 7.0% |
| | Zinc | 0.059 | 0.055 | AC |

**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% and RPDs within 20%.

The LCS/LCSD analysis exhibited recoveries and RPDs within the control limits.

## 7. Serial Dilution

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

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

## 8. System Performance and Overall Assessment

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

The linear range check (LRC) standard recovery was outside the acceptance criteria for the following analytes: total Zinc and Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data has been reported. The analytes listed above for samples MW-12, MW-14, MW-15 and DUP-20251120 were qualified as estimated (UJ/J).

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

# Data Validation Checklist for Metals

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

Notes:
%R Percent recovery
RPD Relative percent difference
%D Percent difference

# General Chemistry Analyses

## 1. Holding Times

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

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

All samples were analyzed within the specified holding times.

## 2. Blank Contamination

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

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

Analyte was 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.

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

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

## 4.1 MS/MSD Analysis

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

The MS/MSD analysis performed on samples MW-4 and DUP-20251120. The MS/MSD analysis exhibited recoveries and RPDs within the control limits with the exception noted below.

| Sample ID | Analyte | MS Recovery | MSD Recovery |
|---|---|---|---|
| MW-4 | Cyanide, Total | 68% | 65% |
| DUP-20251120 | Cyanide, Total | 61% | AC |

**Note:**
AC Acceptable.

The criteria used to evaluate MS/MSD recoveries are presented in the following table. In the case of an MS/MSD deviation, the sample results are qualified.

| Control limit | Sample Result | Qualification |
|---|---|---|
| MS/MSD percent recovery 30% to 75% | Non-detect | UJ |
| | Detect | J |
| MS/MSD percent recovery <30% | Non-detect | R |
| | Detect | J |
| MS/MSD 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.

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

# 5. Field Duplicate Analysis

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

Results for duplicate samples are summarized in the following table.

| Sample ID/Duplicate ID | Analyte | Sample Result (mg/L) | Duplicate Result (mg/L) | RPD |
|---|---|---|---|---|
| MW-4 / DUP-20251120 | Cyanide, Total | 0.0042 J | 0.016 | AC |

**Note:**
AC Acceptable
The calculated RPDs between the parent sample and field duplicate were acceptable.

## 6. Laboratory Control Sample (LCS) Analysis

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

The LCS analysis exhibited recoveries within the control limits.

## 7. System Performance and Overall Assessment

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

# Data Validation Checklist for General Chemistry

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

**Notes:**
%R Percent recovery
RPD Relative percent difference

# SAMPLE COMPLIANCE REPORT

| Sample Delivery Group (SDG) | Sampling Date | Protocol | Sample ID | Matrix | Compliancy[1] | | | | Noncompliance |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | VOC | SVOC | METALS | CYANIDE | |
| 480-234716-1 | 11/20/2025 | SW846 | MW-4 | Water | Yes | Yes | No | No | Metals – Linear Range Check<br>General Chemistry – MS/MSD recovery %R |
| | 11/20/2025 | SW846 | MW-12 | Water | Yes | Yes | No | Yes | Metals – Blank contamination, Linear Range Check |
| | 11/20/2025 | SW846 | MW-14 | Water | Yes | Yes | No | Yes | Metals – Blank contamination, Linear Range Check |
| | 11/20/2025 | SW846 | MW-15 | Water | Yes | Yes | No | Yes | Metals – Linear Range Check |
| | 11/20/2025 | SW846 | TRIP BLANK | Water | Yes | -- | -- | -- | -- |
| | 11/20/2025 | SW846 | DUP-20251120 | Water | Yes | Yes | No | No | Metals – Linear Range Check<br>General Chemistry – MS recovery %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: Amrutha M

SIGNATURE: 

DATE: December 15, 2025

PEER REVIEW: Joseph Houser

DATE: December 15, 2025

## Chain of Custody Corrected Sample Analysis Data Sheets

| | | | |
|---|---|---|---|
| Company: New York State Electric & Gas | PWSID: | Analysis Requested | Job #: |
| Address: 18 Link Drive | Due Date Requested: | | Preservation Codes: B - NaOH, N - None, D - HNO3, A - HCL |
| 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#: | | |

480-234716 Chain of Custody

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, 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 cont | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | B | N | D | A | | |
| MW-4 | 11/20/25 | 1410 | G | Water | N | Y | X | X | X | X | 21 | |
| MW-12 | 11/20/25 | 1400 | G | Water | N | N | X | X | X | X | 7 | |
| MW-14 | 11/20/25 | 1240 | G | Water | N | N | X | X | X | X | 7 | |
| MW-15 | 11/20/25 | 1245 | G | Water | N | N | X | X | X | X | 7 | |
| DUP-20251120 | 11/20/25 | — | G | Water | N | N | X | X | X | X | 7 | |
| | | | | Water | | | | | | | | |
| | | | | Water | | | | | | | | |
| | | | | Water | | | | | | | | |
| TRIP BLANK | — | — | G | 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:

| | Date/Time | Company | | Date/Time | Company |
|---|---|---|---|---|---|
| Relinquished by: | 11/20/25 1740 | Arcadis | Received by: | 11-20-25 1740 | |
| Relinquished by: | | | Received by: | | |
| Relinquished by: | | | Received by: | | |

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

Cooler Temperature(s) °C and Other Remarks: 2.4, 4.4 IR/SC/ice

Ver: 10/10/2024

# Definitions/Glossary

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

Job ID: 480-234716-1

## 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. |
| ^5+ | Linear Range Check (LRC) is outside acceptance limits, high 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 |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

## 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 |

## Client Sample ID: MW-4

**Date Collected: 11/20/25 14:10**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-1

**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 | | | 11/22/25 05:46 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 05:46 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 05:46 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 05:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *77 - 120* | | *11/22/25 05:46* | *1* |
| *4-Bromofluorobenzene (Surr)* | *108* | | *73 - 120* | | *11/22/25 05:46* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *75 - 123* | | *11/22/25 05:46* | *1* |
| *Toluene-d8 (Surr)* | *92* | | *80 - 120* | | *11/22/25 05:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Acenaphthene** | **1.7** | **J** | 5.0 | 0.41 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Acenaphthylene | ND | | 5.0 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| **Anthracene** | **0.32** | **J** | 5.0 | 0.28 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Benzo[a]anthracene | ND | | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Benzo[a]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Benzo[b]fluoranthene | ND | | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.0 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Benzo[k]fluoranthene | ND | | 5.0 | 0.73 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Chrysene | ND | | 5.0 | 0.33 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.0 | 0.42 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| **Fluoranthene** | **1.4** | **J** | 5.0 | 0.40 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| **Fluorene** | **1.1** | **J** | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| Naphthalene | ND | | 5.0 | 0.76 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| **Phenanthrene** | **0.85** | **J** | 5.0 | 0.44 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |
| **Pyrene** | **1.7** | **J** | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 14:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *85* | | *53 - 126* | *11/24/25 09:03* | *11/25/25 14:15* | *1* |
| *Nitrobenzene-d5 (Surr)* | *69* | | *29 - 129* | *11/24/25 09:03* | *11/25/25 14:15* | *1* |
| *p-Terphenyl-d14 (Surr)* | *69* | | *33 - 132* | *11/24/25 09:03* | *11/25/25 14:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **0.075** | **J** | 0.20 | 0.060 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Arsenic | ND | ^5+ UJ | 0.015 | 0.0056 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Barium** | **0.26** | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Beryllium | ND | ^5- UJ | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Calcium** | **175** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Chromium | ND | | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Copper | ND | ^5+ UJ | 0.010 | 0.0016 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Iron** | **25.5** | | 0.050 | 0.019 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Lead | ND | | 0.050 | 0.015 | mg/L | | 11/25/25 08:57 | 11/26/25 13:04 | 5 |
| **Magnesium** | **30.9** | | 0.20 | 0.043 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: MW-4

**Date Collected: 11/20/25 14:10**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-1

**Matrix: Ground Water**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Manganese** | **0.98** | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Nickel | ND | | 0.010 | 0.0013 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Potassium** | **7.4** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Selenium | ND | ^5+ UJ | 0.025 | 0.0087 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Silver | ND | ^5- UJ | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Sodium** | **37.3** | | 1.0 | 0.32 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| Vanadium | ND | | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |
| **Zinc** | **0.059** | | 0.010 | 0.0015 | mg/L | | 11/25/25 08:57 | 11/25/25 19:49 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Cyanide, Total (SW846 9012B)** | **0.0042** | J F1 | 0.010 | 0.0041 | mg/L | | | 12/03/25 01:56 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: MW-12
**Date Collected: 11/20/25 14:00**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-2
**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 | | | 11/22/25 06:08 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 06:08 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 06:08 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 06:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *109* | | *77 - 120* | | *11/22/25 06:08* | *1* |
| *4-Bromofluorobenzene (Surr)* | *107* | | *73 - 120* | | *11/22/25 06:08* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *75 - 123* | | *11/22/25 06:08* | *1* |
| *Toluene-d8 (Surr)* | *95* | | *80 - 120* | | *11/22/25 06:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | ND | | 5.2 | 0.43 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Acenaphthylene | ND | | 5.2 | 0.40 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Anthracene | ND | | 5.2 | 0.29 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Benzo[a]anthracene | ND | | 5.2 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Benzo[a]pyrene | ND | | 5.2 | 0.49 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Benzo[b]fluoranthene | ND | | 5.2 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.2 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Benzo[k]fluoranthene | ND | | 5.2 | 0.76 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Chrysene | ND | | 5.2 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.2 | 0.44 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Fluoranthene | ND | | 5.2 | 0.42 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Fluorene | ND | | 5.2 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.2 | 0.49 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Naphthalene | ND | | 5.2 | 0.79 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Phenanthrene | ND | | 5.2 | 0.46 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |
| Pyrene | ND | | 5.2 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 15:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *74* | | *53 - 126* | *11/24/25 09:03* | *11/25/25 15:59* | *1* |
| *Nitrobenzene-d5 (Surr)* | *62* | | *29 - 129* | *11/24/25 09:03* | *11/25/25 15:59* | *1* |
| *p-Terphenyl-d14 (Surr)* | *67* | | *33 - 132* | *11/24/25 09:03* | *11/25/25 15:59* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **0.096** | **J** | 0.20 | 0.060 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Arsenic | ND | | 0.015 | 0.0056 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Barium** | **0.20** | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Beryllium | ND | | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Calcium** | **135** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Chromium | ND | | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Copper | ND | | 0.010 | 0.0016 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Iron** | **13.8** | | 0.050 | 0.019 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Lead | ND | | 0.010 | 0.0030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Magnesium** | **24.3** | | 0.20 | 0.043 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |

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

Job ID: 480-234716-1

**Client Sample ID: MW-12**
**Date Collected: 11/20/25 14:00**
**Date Received: 11/21/25 17:40**

**Lab Sample ID: 480-234716-2**
**Matrix: Ground Water**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Manganese** | **0.99** | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Nickel | ND | | 0.010 | 0.0013 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Potassium** | **13.1** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Selenium | ND | | 0.025 | 0.0087 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Silver | ND | ~~^5~~ UJ | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Sodium** | **80.2** | | 1.0 | 0.32 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| Vanadium | ND | | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:59 | 11/26/25 18:39 | 1 |
| **Zinc** 0.010 UBJ | ~~**0.039**~~ ~~**B ^5**~~ | | 0.010 | 0.0015 | mg/L | | 11/25/25 08:59 | 12/01/25 14:20 | 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 | | | 12/03/25 02:23 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: MW-14

**Date Collected: 11/20/25 12:40**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-3

**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 | | | 11/22/25 06:30 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 06:30 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 06:30 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 06:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *77 - 120* | | *11/22/25 06:30* | *1* |
| *4-Bromofluorobenzene (Surr)* | *109* | | *73 - 120* | | *11/22/25 06:30* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *75 - 123* | | *11/22/25 06:30* | *1* |
| *Toluene-d8 (Surr)* | *92* | | *80 - 120* | | *11/22/25 06:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | ND | | 5.2 | 0.43 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Acenaphthylene | ND | | 5.2 | 0.40 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Anthracene | ND | | 5.2 | 0.29 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Benzo[a]anthracene | ND | | 5.2 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Benzo[a]pyrene | ND | | 5.2 | 0.49 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Benzo[b]fluoranthene | ND | | 5.2 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.2 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Benzo[k]fluoranthene | ND | | 5.2 | 0.76 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Chrysene | ND | | 5.2 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.2 | 0.44 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Fluoranthene | ND | | 5.2 | 0.42 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Fluorene | ND | | 5.2 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.2 | 0.49 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Naphthalene | ND | | 5.2 | 0.79 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Phenanthrene | ND | | 5.2 | 0.46 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |
| Pyrene | ND | | 5.2 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 16:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *77* | | *53 - 126* | *11/24/25 09:03* | *11/25/25 16:25* | *1* |
| *Nitrobenzene-d5 (Surr)* | *63* | | *29 - 129* | *11/24/25 09:03* | *11/25/25 16:25* | *1* |
| *p-Terphenyl-d14 (Surr)* | *66* | | *33 - 132* | *11/24/25 09:03* | *11/25/25 16:25* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **1.8** | | 0.20 | 0.060 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Arsenic | ND | | 0.015 | 0.0056 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Barium** | **0.042** | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Beryllium | ND | | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Calcium** | **97.1** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Chromium** | **0.0026** | **J** | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Copper** | **0.030** | | 0.010 | 0.0016 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Iron** | **2.2** | | 0.050 | 0.019 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Lead** | **0.26** | | 0.010 | 0.0030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Magnesium** | **25.6** | | 0.20 | 0.043 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |

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

Job ID: 480-234716-1

**Client Sample ID: MW-14**
**Date Collected: 11/20/25 12:40**
**Date Received: 11/21/25 17:40**

**Lab Sample ID: 480-234716-3**
**Matrix: Ground Water**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Manganese** | **0.16** | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Nickel** | **0.0024** | **J** | 0.010 | 0.0013 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Potassium** | **4.6** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Selenium | ND | | 0.025 | 0.0087 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Silver | ND | ~~^5-~~ UJ | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Sodium** | **31.9** | | 1.0 | 0.32 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Vanadium** | **0.0032** | **J** | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:59 | 11/26/25 18:41 | 1 |
| **Zinc** 0.011 UBJ | ~~**0.011 B ^5**~~ | | 0.010 | 0.0015 | mg/L | | 11/25/25 08:59 | 12/01/25 14:30 | 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 | | | 12/03/25 02:27 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: MW-15

**Date Collected: 11/20/25 12:45**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-4

**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 | | | 11/22/25 06:53 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 06:53 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 06:53 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 06:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *77 - 120* | | *11/22/25 06:53* | *1* |
| *4-Bromofluorobenzene (Surr)* | *107* | | *73 - 120* | | *11/22/25 06:53* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *75 - 123* | | *11/22/25 06:53* | *1* |
| *Toluene-d8 (Surr)* | *93* | | *80 - 120* | | *11/22/25 06:53* | *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 | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Acenaphthylene | ND | | 5.0 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Anthracene | ND | | 5.0 | 0.28 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Benzo[a]anthracene | ND | | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Benzo[a]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Benzo[b]fluoranthene | ND | | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.0 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Benzo[k]fluoranthene | ND | | 5.0 | 0.73 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Chrysene | ND | | 5.0 | 0.33 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.0 | 0.42 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Fluoranthene | ND | | 5.0 | 0.40 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Fluorene | ND | | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Naphthalene | ND | | 5.0 | 0.76 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Phenanthrene | ND | | 5.0 | 0.44 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |
| Pyrene | ND | | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 16:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *89* | | *53 - 126* | *11/24/25 09:03* | *11/25/25 16:51* | *1* |
| *Nitrobenzene-d5 (Surr)* | *74* | | *29 - 129* | *11/24/25 09:03* | *11/25/25 16:51* | *1* |
| *p-Terphenyl-d14 (Surr)* | *71* | | *33 - 132* | *11/24/25 09:03* | *11/25/25 16:51* | *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 | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Arsenic | ND | | 0.015 | 0.0056 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Barium** | **0.21** | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Beryllium | ND | | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Calcium** | **220** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Chromium | ND | | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Copper | ND | | 0.010 | 0.0016 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Iron** | **13.8** | | 0.050 | 0.019 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Lead | ND | | 0.010 | 0.0030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| **Magnesium** | **37.3** | | 0.20 | 0.043 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |

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

Job ID: 480-234716-1

**Client Sample ID: MW-15**
**Date Collected: 11/20/25 12:45**
**Date Received: 11/21/25 17:40**

**Lab Sample ID: 480-234716-4**
**Matrix: Ground Water**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Manganese | 0.73 | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Nickel | 0.0026 | J | 0.010 | 0.0013 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Potassium | 11.0 | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Selenium | ND | | 0.025 | 0.0087 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Silver | ND | ~~^5-~~ UJ | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Sodium | 95.8 | | 1.0 | 0.32 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Vanadium | ND | | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:59 | 11/26/25 18:43 | 1 |
| Zinc | 0.059 | ~~B^5-~~ J | 0.010 | 0.0015 | mg/L | | 11/25/25 08:59 | 12/01/25 14:31 | 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 | | | 12/03/25 02:31 | 1 |

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

Job ID: 480-234716-1

## Client Sample ID: TRIP BLANK

**Date Collected: 11/20/25 00:00**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-5

**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 | | | 11/22/25 07:15 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 07:15 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 07:15 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 07:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *77 - 120* | | *11/22/25 07:15* | *1* |
| *4-Bromofluorobenzene (Surr)* | *106* | | *73 - 120* | | *11/22/25 07:15* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *75 - 123* | | *11/22/25 07:15* | *1* |
| *Toluene-d8 (Surr)* | *93* | | *80 - 120* | | *11/22/25 07:15* | *1* |

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

Job ID: 480-234716-1

## Client Sample ID: DUP-20251120

**Date Collected: 11/20/25 00:00**
**Date Received: 11/21/25 17:40**

## Lab Sample ID: 480-234716-6

**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 | | | 11/22/25 07:37 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 11/22/25 07:37 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 11/22/25 07:37 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 11/22/25 07:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *77 - 120* | | *11/22/25 07:37* | *1* |
| *4-Bromofluorobenzene (Surr)* | *108* | | *73 - 120* | | *11/22/25 07:37* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *75 - 123* | | *11/22/25 07:37* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | | *11/22/25 07:37* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Acenaphthene** | **1.7** | **J** | 5.0 | 0.41 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Acenaphthylene | ND | | 5.0 | 0.38 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Anthracene | ND | | 5.0 | 0.28 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Benzo[a]anthracene | ND | | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Benzo[a]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Benzo[b]fluoranthene | ND | | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Benzo[g,h,i]perylene | ND | | 5.0 | 0.35 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Benzo[k]fluoranthene | ND | | 5.0 | 0.73 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Chrysene | ND | | 5.0 | 0.33 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Dibenz(a,h)anthracene | ND | | 5.0 | 0.42 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| **Fluoranthene** | **1.2** | **J** | 5.0 | 0.40 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| **Fluorene** | **1.0** | **J** | 5.0 | 0.36 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 5.0 | 0.47 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| Naphthalene | ND | | 5.0 | 0.76 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| **Phenanthrene** | **0.75** | **J** | 5.0 | 0.44 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |
| **Pyrene** | **1.6** | **J** | 5.0 | 0.34 | ug/L | | 11/24/25 09:03 | 11/25/25 17:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *84* | | *53 - 126* | *11/24/25 09:03* | *11/25/25 17:17* | *1* |
| *Nitrobenzene-d5 (Surr)* | *69* | | *29 - 129* | *11/24/25 09:03* | *11/25/25 17:17* | *1* |
| *p-Terphenyl-d14 (Surr)* | *68* | | *33 - 132* | *11/24/25 09:03* | *11/25/25 17:17* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **0.11** | **J** | 0.20 | 0.060 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Antimony | ND | | 0.020 | 0.0068 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Arsenic | ND | | 0.015 | 0.0056 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Barium** | **0.27** | | 0.0020 | 0.00070 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Beryllium | ND | | 0.0020 | 0.00030 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Cadmium | ND | | 0.0020 | 0.00050 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Calcium** | **193** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Chromium | ND | | 0.0040 | 0.0010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Cobalt | ND | | 0.0040 | 0.00063 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Copper | ND | | 0.010 | 0.0016 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Iron** | **27.3** | | 0.050 | 0.019 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Lead | ND | | 0.050 | 0.015 | mg/L | | 11/25/25 08:59 | 12/01/25 14:33 | 5 |
| **Magnesium** | **35.9** | | 0.20 | 0.043 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |

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

Job ID: 480-234716-1

**Client Sample ID: DUP-20251120**
**Date Collected: 11/20/25 00:00**
**Date Received: 11/21/25 17:40**

**Lab Sample ID: 480-234716-6**
**Matrix: Water**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Manganese** | **1.1** | | 0.0030 | 0.00040 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Nickel | ND | | 0.010 | 0.0013 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Potassium** | **7.9** | | 0.50 | 0.10 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Selenium | ND | | 0.025 | 0.0087 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Silver | ND | ~~^5~~ UJ | 0.0060 | 0.0017 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Sodium** | **40.0** | | 1.0 | 0.32 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Thallium | ND | | 0.020 | 0.010 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| Vanadium | ND | | 0.0050 | 0.0015 | mg/L | | 11/25/25 08:59 | 11/26/25 18:45 | 1 |
| **Zinc** | **0.055** | ~~B^5~~ J | 0.050 | 0.0075 | mg/L | | 11/25/25 08:59 | 12/01/25 14:33 | 5 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Cyanide, Total (SW846 9012B)** | **0.016** | ~~H1~~ J | 0.010 | 0.0041 | mg/L | | | 12/03/25 02:57 | 1 |