



Re: National Grid - Johnstown - report submittal

From Squire, Michael H (DEC) <Michael.Squire@dec.ny.gov>

Date Wed 2026-08-05 10:58

To Devin T Shay <DSHay@gesonline.com>

Cc Nick Smith <nicholas.smith7@nationalgrid.com>

Devin,

Letting you know I had no comments on the report and will save the report to our server.

Thanks,

Michael

New York State Department of Environmental Conservation

625 Broadway, Albany, NY 12233

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From: Devin T Shay <DSHay@gesonline.com>

Sent: Wednesday, June 24, 2026 08:15

To: Squire, Michael H (DEC) <Michael.Squire@dec.ny.gov>

Cc: Nick Smith <nicholas.smith7@nationalgrid.com>

Subject: National Grid - Johnstown - report submittal

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Michael –

Attached is the 1st semi-annual groundwater monitoring report for 2026 for the National Grid site in Johnstown.

Kindly respond to confirm receipt.

Thanks,

Devin

Devin T. Shay, PG

Program Manager / Principal Hydrogeologist

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Safety: Plan, Prevent, Protect

June 24, 2026

Mr. Michael Squire
Remedial Bureau C, 11th Floor
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7014

Re: Johnstown (N. Market St.)
Former Manufactured Gas Plant Site (MGP)
Site # 518020
Semi-Annual Groundwater Monitoring Report (June 2026)

Dear Mr. Squire:

Enclosed is the Semi-Annual Groundwater Monitoring Report for the Johnstown (N. Market St.) MGP Site located in Johnstown, New York. The report includes the groundwater monitoring results from April 8, 2026.

National Grid acknowledges the NYSDEC Fact sheet dated June 2016 approving the site's environmental remediation construction completion. Long-term OM&M activities are being conducted in accordance with the approved Site Management Plan (SMP) and the site's Environmental Easement.

Contact me at (315) 540-0829 or Nicholas.Smith7@nationalgrid.com if you have any questions regarding the report.

Sincerely,



For NAS

Nicholas A. Smith, P.G.
Senior Program Manager

Cc: Joseph Giordano - National Grid
Aaron Keegan – NYSDOH
Devin Shay - Groundwater & Environmental Services, Inc.

National Grid

Semi-Annual Groundwater Monitoring Report



National Grid
109 North Market Street
Johnstown, NY 12095

June 2026

Version 1





Semi-Annual Groundwater Monitoring Report

National Grid Johnstown Site
109 North Market Street
Johnstown, NY 12095

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Date:
June 24, 2026

A handwritten signature in black ink, appearing to read "D. Shay", is positioned above a horizontal line.

Devin T. Shay, PG
Program Manager / Principal Hydrogeologist



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Acronyms

bgs	Below ground surface	MNA	Monitored Natural Attenuation
BTEX	Benzene, Toluene, Ethylbenzene, and Total Xylenes	NYSDEC	New York State Department of Environmental Conservation
COCs	Constituents of Concern	ORP	Oxidation-Reduction Potential
cu. ft.	Cubic feet	PAHs	Polycyclic Aromatic Hydrocarbons
DO	Dissolved Oxygen	PSA	Preliminary Site Assessment
DTB	Depth to Bottom	QA/QC	Quality Assurance / Quality Control
DTP	Depth to Product	RI	Remedial Investigation
DTW	Depth to Water	ROD	Record of Decision
DUSR	Data Usability Summary Report	SMP	Site Management Plan
Eurofins	Eurofins Environment Testing	SU	Standard Units
FS	Feasibility Study	SVOCs	Semi-Volatile Organic Compounds
GES	Groundwater & Environmental Services, Inc.	USEPA	United States Environmental Protection Agency
IRMs	Interim Remedial Measures	VOCs	Volatile Organic Compounds
mg/L	Milligrams per Liter	µg/L	Micrograms per Liter
MGP	Manufactured Gas Plant	WQ	Water Quality



1 Introduction

1.1 Overview

This Semi-Annual Groundwater Monitoring Report (the Report) summarizes the results of the October 2025 groundwater sampling event at the Johnstown, New York (North Market Street) Former Manufactured Gas Plant (MGP) Site (the Site). This Report was developed as part of the long-term groundwater monitoring program on behalf of National Grid.

National Grid has been addressing the Site environmental conditions under an Order on Consent (Index Number D0-0001-9210), dated April 1999, that was entered into by Niagara Mohawk and the New York State Department of Environmental Conservation (NYSDEC). That Order on Consent was for the investigation and remediation of 21 former MGP sites, including the Johnstown (North Market Street) Site. It was superseded by a new Order on Consent (Index Number A4-0473-0000), dated November 7, 2003. A NYSDEC-approved Supplemental Remedial Investigation (RI) Work Plan was finalized during November 2007, and a Final Supplemental RI Report was submitted to the NYSDEC, dated December 2008. The RI results report and subsequent Feasibility Study were approved in February 2010.

A Record of Decision (ROD) was issued by the NYSDEC, dated March 2010, in accordance with the requirements of New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York, 6 NYCRR Part 375. Based upon the results of the remedial investigation/feasibility study (RI/FS) for the Site, the interim remedial measures (IRMs) previously completed, and the ROD, the draft Final Engineering Report and Site Management Plan (SMP) were developed and submitted to the NYSDEC in June 2010. The Final Engineering Report, the Final SMP, and the Final Environmental Easement were approved by the NYSDEC in their June 2016 Fact Sheet.

The Final SMP includes:

1. Semi-annual (April & October) site inspection and groundwater level measurements at monitoring wells MW-4, MW-7, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, RW-1, and the creek surface gauging station (bridge);
2. Semi-annual groundwater sampling/analysis for Site Parameters [Benzene, Toluene, Ethylbenzene, Xylene (BTEX), Polycyclic Aromatic Hydrocarbons (PAHs), lead, and total cyanide] and Natural Attenuation Parameters¹ [alkalinity, chloride, ethane, ethene, ferrous iron, manganese, methane, nitrate, nitrogen, sulfate and sulfide] at monitoring wells MW-4, MW-7, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, and MW-16 (RW-1 will not be sampled); and
3. Semi-annual reporting to NYSDEC.

¹ As approved by NYSDEC, sampling/analysis for Natural Attenuation Parameters will be performed on a biannual basis, beginning with the spring 2026 groundwater monitoring event.

1.2 Purpose and Objective

The purpose of this Report is to summarize the groundwater sampling activities and results of the latest event, and to compare the results to previous events. As described in the December 2008 Supplemental RI Report and the subsequent ROD, one of the primary goals is to evaluate whether or not the groundwater constituents of concern (COCs) concentrations have decreased, in addition to continued assessment of the effectiveness of monitored natural attenuation.

2 Background

2.1 Site Description

The Site is located in the City of Johnstown, County of Fulton, New York (**Figure 1** presents the site location map) and is identified as Block 14 and Lot 7 on the Johnstown City Tax Map. The Site is an approximate 0.7-acre area bounded by the Cayadutta Creek to the north, the Colonial Cemetery to the south, Market Street to the east, and a wooded parcel of property to the west (**Figure 2** presents the site plan). The Site is located in a mixed commercial, industrial, and residential area.

Currently, National Grid operates a natural gas regulator station at the Site with equipment contained in fenced enclosures along the Site's southern boundary. The rest of the Site is grass-covered, including the stream bank adjacent to Cayadutta Creek along the northern boundary of the Site. An embankment exists along the north end of the Site that slopes down to the Cayadutta Creek. A chain-link fence exists along the north and west sides of the Site, and a retaining wall runs along the south side of the Site. Access to the Site is from North Market Street to the east.

The Johnstown Hospital is located south of the Site within one mile, and numerous residences exist to the west and east of the Site. The Johnstown Senior High School and Warren Street Elementary School are located within one mile of the Site to the west.

2.2 Site History

The Johnstown MGP Site was incorporated in March 1857 as the Johnstown Gas Light Company. The company operated a small coal gas plant with a 20,000 cubic foot (cu. ft.) holder (Holder #1), that was constructed in 1859 (see Figure 2 for all Holder locations at the former MGP Site). In 1861, the plant was improved with the addition of a coal shed and a covering for the tank holder. In 1886, the Johnstown and Gloversville Gas Light Corporation was formed, and the company purchased the rights to the Lowe water gas process. The United Gas Improvement Company planned the construction of a water gas plant for the Johnstown and Gloversville franchises.

In 1887, the Site consisted of a tool shop, an office, a coal gasometer, a lime house, a purifier room, a retort house, and a coal shed. Between 1887 and 1918, Holder #2 was located in the western-central part of the Site (exact size unknown). In 1892, a steam generator was constructed adjacent to the coal shed for the Lowe water gas process, and Holder #1 was decommissioned in 1896. In 1898, a 72,000-cu. ft. gas holder (Holder #3) was constructed on the Site. Between



1912 and 1918, the small gas holder (Holder #2) in the western-central area of the Site was removed. In 1929, a gas pipeline from an MGP in Troy, New York, reached Johnstown, and local gas production was only performed on a seasonal (winter) basis until local production of gas ceased in 1931. Niagara Hudson Power Company was the owner of the Site in 1930. By 1948, Holder #3 was decommissioned. In 1950, Niagara Hudson Power was consolidated under the name Niagara Mohawk Power Company. By 1980, all Site buildings were removed. Currently, National Grid operates a natural gas regulator station at the Site.

2.2.1 Site Assessment and Investigations

An investigation of the Site began in 1997 with a Preliminary Site Assessment (PSA), which found that the Site was impacted with MGP wastes. A Supplemental PSA was conducted at the Site in 1998, followed by a RI in January 2000 and subsequent IRMs. The IRMs are discussed separately within this section.

A 2009 Supplemental RI was initiated to collect data to address potential residual MGP-related contaminants remaining in groundwater at the Site and to assess hydrogeologic conditions and groundwater quality on the Site. The results of the Supplemental RI were used to formulate potential remedial alternatives for groundwater and residual soil contamination. The Supplemental RI results were evaluated and presented in the 2010 Feasibility Study Report.

2.2.2 Interim Remedial Measures Completed

Several IRMs were performed to address the residual MGP impacts. In 2002 and 2003, the former holders and associated impacted soil were removed. During this IRM, former Holder #2 and the northern half of former Holder #3 were demolished and removed from the Site. Approximately 13,870 cubic yards of soil were excavated and disposed of off-site at a NYSDEC-approved facility. Permanent steel sheeting was left in place along the northeastern perimeter of the Site to avoid disturbance of the roadway and to provide containment of residual material left at depth.

Between 2005 and 2006, National Grid provided support to the City of Johnstown for subsurface work associated with the replacement of the North Market Street Bridge across Cayadutta Creek. Approximately 1,413 cubic yards of impacted soil were excavated from within the cofferdam area and disposed of off-site at a NYSDEC-approved facility.

In August 2009, the rip-rap area along the bank of Cayadutta Creek that had been restored during the previous IRMs was enhanced to allow for establishment of stream-side vegetation. Post-IRM inspections of the restored Cayadutta Creek bank were conducted in September 2009 and May 2010.

2.3 Environmental Setting

The Johnstown (North Market Street) Site slopes northward toward Cayadutta Creek with elevations ranging from 652 to 672 feet (ft.) above sea level. Currently, the Site topography gradually slopes from south to north, becoming increasingly steeper adjacent to the Creek, and is generally covered with either vegetation or stone. Surface drainage is primarily to the north into

the creek. Access to the Site is from North Market Street to the east, and the Site is currently used to support the natural gas regulator station operations.

2.3.1 Site Geology

The main units of unconsolidated deposits identified at the Site can be characterized in descending order as fill and native glacial deposits to bedrock. The glacial deposits are of lacustrine origin with glacial tills to the top of shale bedrock (Utica Shale). Bedrock was reached beneath the till in two soil borings explored during the 1998 Supplemental PSA. These stratigraphic units are more specifically described below, based on information obtained from the previous investigations and from the soil borings and monitoring well borings conducted during the 2007/ 2008 SRI.

Site geology includes a layer of disturbed soils (primarily fill) overlying glacial deposits. Based upon on-site soils and monitoring well borings, disturbed soils (including fills) varied in thickness up to 13 ft. and are typically composed of sand, gravel, silt, clay, wood, coal, and anthropogenic materials including ash, cinders, clinkers, brick fragments, wire, and wood chips. Wood chips were identified in three borings (SB-09, SB-12, and MW-8) and are often associated with purifier waste.

A thin layer of peat underlies the disturbed soils in the northern portion of the Site, ranging in thickness from 0.5 ft. to 3 ft., and appears to thicken and dip to the north. Except where it is locally covered by sedimentary deposits such as silts, sands, and clays, the peat, where present, appears to have been the historical ground cover prior to development of the Site.

Underlying the peat, where present, the soil consists of lacustrine deposits composed of silts, sands, and clays. The surface of the lacustrine deposits appears to dip and thin out toward the north. A sand and gravel unit (an outwash deposit of stratified drift) underlies the lacustrine deposits across the Site area. This unit contains varying amounts of silt and clay. These deposits overlie a dense, low-permeability glacial till to bedrock (Shale).

2.3.2 Site Hydrogeology

Groundwater is generally encountered in the glacial deposits below the bottom of the fill material at on-site depths in the 10- to 20-foot below ground surface (bgs) range. Groundwater flow is northward across the Site area toward Cayadutta Creek, with the steepest gradient from the center of the Site proximal to former gas holders #2 and #3 to the southern Creek bank (about 0.09 ft./ft.). In comparison, the average hydraulic gradient decreases to a value of approximately 0.05 ft./ft. on the east and west sides of the Site away from the former gas holders. The local groundwater flow is consistent with regional groundwater flow direction. The groundwater flow direction and hydraulic gradients calculated during this monitoring period are also generally consistent with historical data obtained prior to the issuance of the ROD.

3 Monitoring Activities

The long-term semi-annual groundwater monitoring program currently consists of the following elements:

- Semi-Annual Site Inspection including the creek bank protection, vegetative cover, monitoring wells, and security fence.
- Semi-Annual Groundwater Well Gauging of the following wells: RW-1, MW-4, MW-7, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15 and MW-16 (Figure 2 presents the well locations). The creek surface water level is also gauged at one location: SG-1.
- Semi-Annual Groundwater Sampling and Analysis of the following: MW-4, MW-7, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15 and MW-16 for BTEX, PAHs, lead, and cyanide. Note that recovery well RW-1 is not sampled as part of the program but is inspected for the presence of non-aqueous phase liquids (NAPL).
- Biannual Groundwater Sampling and Analysis of the following: MW-4, MW-7, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15 and MW-16 for natural attenuation parameters (sulfate, sulfide, nitrate, nitrite, ferrous iron, methane, alkalinity, chloride, ethane, ethene, and manganese). As approved by NYSDEC in a letter dated April 22, 2026, the monitoring frequency for these parameters has been reduced to every two years, conducted during alternating spring/fall events.

3.1 Groundwater Gauging and Sampling Procedures

3.1.1 Gauging

Long-term groundwater monitoring includes water level gauging at nine (9) groundwater monitoring wells and one (1) groundwater recovery well using an electronic oil/water interface probe. Depth to bottom of well (DTB), depth to product (DTP), and depth to water (DTW) are recorded at each well. A creek surface water level measurement is also collected from the Cayadutta Creek Bridge using a water level probe (from a surveyed gauging point at the bridge).

No product was present in recovery well RW-1 or the other nine (9) groundwater monitoring wells that were gauged. Refer to **Table 2** for a summary of the water level measurements from April 2026 as well as previous events. **Appendix A** also presents the field documentation from the April 2026 water gauging event.

3.1.2 Sampling

Groundwater sampling was performed following low-flow sampling techniques [equivalent to United States Environmental Protection Agency (USEPA) low-flow procedures] using a pressure-driven peristaltic pump. During purging, measurements were collected for the following field parameters: pH, specific conductivity, turbidity, dissolved oxygen (DO), temperature, and oxidation-reduction potential (ORP). A Horiba U-22 was used to collect the field parameter data in a flow-through cell. The monitored field parameters are observed and recorded during low-flow

sampling to determine when they have stabilized, and thus when the well has been adequately purged. Field parameter measurements were recorded at approximately 5-minute intervals. The monitoring wells were purged until stabilization of the field parameters (± 0.1 Standard Unit (SU) for pH, $\pm 3\%$ for specific conductivity, ± 10 millivolts (mV) for ORP, and $\pm 10\%$ for DO) and turbidity was less than 50 Nephelometric Turbidity Units (NTU). Refer to **Attachment A** for the field data.

After stabilization of the field parameters, nine groundwater samples were collected directly from the dedicated tubing into laboratory-supplied sample containers (pre-preserved as required per the analytical method). Quality Assurance/Quality Control (QA/QC) samples included the collection of one field duplicate sample, one matrix spike (MS) sample, one duplicate matrix spike (DMS) sample, and one trip blank sample (VOCs only). Samples were transported to the laboratory, accompanied by the appropriate chain-of-custody documentation. Analytical results were validated.

3.1.3 Natural Attenuation Parameters

The ORP of groundwater may be used as a general indicator of the dominant attenuation processes and the relative tendency of the biological processes to accept or transfer electrons. ORP is dependent on and influences rates of biodegradation. Lower ORP readings indicate reduced conditions and are indicative of anaerobic biologic degradation processes.

The pH of the groundwater affects the presence and activity of microorganisms in the groundwater. The microorganisms may produce either organic acids or carbon dioxide which, when dissolved in water, forms weak carbonic acid. Microorganisms capable of degrading petroleum hydrocarbons are most active with pH values ranging from 6 to 8 SU.

Groundwater temperature affects the solubility of dissolved gases such as oxygen and carbon dioxide as well as the metabolic activity of microorganisms. Oxygen is less soluble in warm water, and groundwater temperatures below approximately 5 degrees Celsius tend to inhibit biodegradation.

DO is the most thermodynamically favored electron acceptor used by microorganisms during the degradation of both natural and anthropogenic organic carbon. An inverse relationship of high hydrocarbon concentrations and low DO concentrations can be used as a key indicator of biodegradation.

Nitrate, if available, may be used as an electron acceptor for anaerobic biodegradation after the depletion of DO [typically considered less than 0.5 milligrams per liter (mg/L)] and is used to biodegrade petroleum hydrocarbons. Lower nitrate concentrations in groundwater within a plume, with respect to higher concentrations in areas upgradient and outside a plume, may be expected.

Ferrous iron is a metabolic byproduct of hydrocarbon degradation. Reducing conditions in nitrogen- and oxygen-depleted groundwater creates an anaerobic environment that causes the reduction of ferric iron (Fe^{3+}) to ferrous iron (Fe^{2+}). Relatively low ferrous iron concentrations may be present in areas where natural attenuation is occurring if free ferrous iron is re-precipitating as sulfides or carbonates.



Sulfate may be used as an electron acceptor after the depletion or use limitation of DO, nitrate, and ferric iron. Lower sulfate concentrations in groundwater within a plume, with respect to higher concentrations in areas upgradient and outside a plume, may be expected.

The production of methane, termed methanogenesis, occurs only in strongly reducing conditions and generally after oxygen, nitrate, and sulfate have been depleted. The presence of methane in groundwater suggests Benzene, Toluene, Ethylbenzene, Xylene (BTEX) degradation via methanogenesis. Methane is not present in fuels, and therefore its presence at high concentrations relative to areas upgradient and outside a plume is indicative of the biodegradation of petroleum hydrocarbons.

The buffering capacity of groundwater is a function of alkalinity. Typically, alkalinity is primarily due to carbonate alkalinity. The organic acids or carbon dioxide (which produces a weak carbonic acid when dissolved in water) produced by biodegradation solubilize carbonate from the soil. Alkalinity concentrations that are elevated with respect to areas upgradient and outside a plume may be an indication of microbial activity and thus natural attenuation.

Typically, the relationships between BTEX and electron acceptors/metabolic byproduct concentrations (geochemical indicators) indicate potential for biodegradation. The concentrations are dependent on the location (and groundwater conditions) within the plume or outside of the plume limits.

3.2 Groundwater Analytical Results

The groundwater samples were analyzed for BTEX, Polycyclic Aromatic Hydrocarbons (PAHs), lead, total cyanide, and monitored natural attenuation/water quality (MNA/WQ) parameters including alkalinity, chloride, ethane, ethene, ferrous iron, manganese, methane, nitrate, nitrogen, sulfate and sulfide. BTEX, PAHs, and cyanide are constituents commonly associated with former MGP sites. BTEX, PAHs, lead, and cyanide were the primary contaminants detected during previous investigation activities conducted at the Site. The MNA/WQ parameters, as well as field-measured ORP, pH, temperature, and DO, are relevant to establishing whether conditions are favorable for natural attenuation to occur at the Site.

- Refer to Table 3 for the analytical results summary.
- Refer to Appendix A for field data.
- Refer to Appendix B for the data usability summary report (DUSR).
- Refer to Appendix C for the laboratory analytical report.

Groundwater analytical results were compared with levels specified in the NYSDEC Division of Water Final Amendment to Water Quality Standards Regulations, effective February 16, 2008 [hereafter referred to as NYSDEC WQ Values]. For groundwater, Class GA values were applied. Class GA waters are defined as fresh groundwater, found in the saturated zone of unconsolidated deposits and consolidated rock or bedrock, which are used as a source of potable water supply.

3.2.1 Site Related Parameters

BTEX - Groundwater samples collected on April 8, 2026, from monitoring wells MW-11, MW-13, MW-15, and MW-16 contained concentrations of some or all individual BTEX constituents, with at least one constituent above its respective NYSDEC WQ Value [1 microgram per liter ($\mu\text{g/L}$) for benzene and 5 $\mu\text{g/L}$ for other BTEX constituents]. The highest concentrations of BTEX were observed in the groundwater sample collected from monitoring well MW-15, located northeast of former gas holder #2.

PAHs - PAHs were detected in six groundwater samples collected on April 8, 2026. PAH concentrations above NYSDEC WQ Values were reported from monitoring wells MW-11, MW-12, and MW-15. Naphthalene has typically been detected at the highest level of any PAH; the highest naphthalene concentration was observed at well MW-15, located northeast of former gas holder #2.

Cyanide - Cyanide was detected in seven (7) of the nine (9) groundwater samples collected on April 8, 2026. All detected concentrations of cyanide were below the NYSDEC WQ Value (0.2 mg/L).

Lead - Lead was detected at wells MW-11, MW-12, and MW-15, at estimated trace concentrations below the laboratory reporting limit of 10 $\mu\text{g/L}$ and well below the NYSDEC WQ value of 25 $\mu\text{g/L}$.

3.2.2 Monitored Natural Attenuation Parameters

Site-specific levels of the MNA/WQ parameters (geochemical indicators) were compared to known screening values to identify whether the site-specific values are within the ranges known to be suitable for biodegradation. The April 2026 MNA/WQ analytical results for the individual monitoring wells are summarized in **Table 3**. **Figure 4** presents the groundwater data for the key MNA data parameters at their respective locations to assist with the MNA evaluation. Indications of biodegradation of petroleum-related MGP constituents within the plume include low levels of DO, nitrate and sulfate, with generally higher levels of manganese, ferrous iron and methane.

Indicator concentrations detected at monitoring wells identified within source and downgradient areas of the Site were compared to levels detected at upgradient and side gradient monitoring wells exhibiting little or no MGP-related contamination. Generally, indicator concentration levels at a distance from the center of the plume are expected to be significantly lower than levels within the plume. A summary of the MNA/WQ results and associated field indicator parameters are provided below:

- DO and ORP values demonstrate depleted levels of DO and a transformation to more anaerobic or reducing conditions at the former source and downgradient areas relative to side gradient (MW-12) and upgradient areas (MW-4, MW-16) of the Site. These values suggest that biodegradation of MGP petroleum-related compounds at the source and at downgradient areas are occurring, consuming the available oxygen which produces decreased DO levels.

- The range of ORP levels observed at the source and downgradient area monitoring wells generally indicates reduced aquifer conditions downgradient, which could be suitable for denitrification, ferric iron reduction, sulfate reduction, and methanogenesis.
- Nitrate concentrations are generally depleted at the former source and downgradient areas of the Site relative to upgradient (MW-4, MW-16) and side gradient (MW-12) areas, indicating denitrification may be a noteworthy biodegradation process occurring at this time at the source and downgradient areas.
- Ferrous iron concentrations measured across the site during this monitoring event did not exhibit any spatial trends indicative of biodegradation processes.
- Sulfate concentrations at the former source and downgradient areas are not depleted relative to upgradient and side gradient areas. This observation indicates sulfate reduction is not likely to be a significant biodegradation process at this time at the source and downgradient areas.
- Based on the presence of methane, low DO concentrations, and the reduced ORP levels, methanogenesis is likely an important factor for biodegradation capacity in the source and downgradient areas of the Site.

3.2.3 Natural Attenuation Trending

Previous groundwater sampling data collected since April 2013 (the dataset) were utilized to develop and evaluate the contaminant plume and concentration trends of specific constituents at the Site. Plume size and concentration data are indicative of biodegradation capacity (natural attenuation) at the Site and whether the capacity has reached a limit of effectiveness. In order to determine and evaluate natural attenuation effectiveness, statistical testing was utilized for groundwater data collected from monitoring wells at the Site. The Mann-Kendall test was performed on the dataset to identify potential trends in groundwater concentrations of site contaminants. The Mann-Kendall test is a nonparametric evaluation used to identify a trend in a series, even if there is a seasonal component in the series. The three possible hypotheses are that there is a negative, null, or positive trend. In order to apply the statistical analysis, a simple substitution of one-half the laboratory reporting limit was used, for concentrations reported as less than the laboratory reporting limit. The resultant statistical analysis for individual monitoring wells for BTEX compounds and naphthalene concentrations included stable, no trend, decreasing, probably decreasing, increasing or probably increasing throughout the monitoring period. Probably increasing or probably decreasing trends are determined where the confidence in a concentration trend is below 95% but greater than or equal to 90%. It is worth noting that a failure to reject the null hypothesis (i.e., “no trend”) does not prove that there is no trend; it merely means that the available data is not sufficient to conclude there is a discernible increasing or decreasing trend.

The table below depicts the general concentration trend analysis results for each well and associated constituents during the monitoring period.

Table 1 – Contaminant Trend Analysis

Well ID	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naphthalene
MW-4	Stable	Stable	Stable	Stable	No Trend
MW-7	Stable	Stable	Stable	Stable	No Trend
MW-10	No Trend	Stable	Stable	Stable	No Trend
MW-11	No Trend	No Trend	No Trend	No Trend	Decreasing
MW-12	Stable	Stable	Stable	Stable	No Trend
MW-13	Decreasing	Decreasing	Decreasing	Decreasing	Probably Decreasing
MW-14	Stable	No Trend	No Trend	No Trend	No Trend
MW-15	Decreasing	Stable	Stable	Stable	Probably Increasing
MW-16	Decreasing	Decreasing	Decreasing	Probably Decreasing	Increasing

The lower confidence factor resulting in no trend is often due to constituents that are infrequently detected or only found at very low concentrations, particularly when differing laboratory reporting limits have been utilized over time (a concentration of one half of the laboratory reporting limit is utilized for non-detect results in the statistical analyses).. For example, at the five (5) monitoring wells with no trend for naphthalene, the one-half laboratory reporting limit used for the statistical analysis in 2024, 2025 and 2026 was greater than prior one-half laboratory reporting limits and/or actual detected concentrations observed in the individual monitoring wells, causing the output of the analysis to be skewed. A comparison of the dataset to the historical highs and lows was then performed to determine if the plume is stable; in every case, this evaluation concluded the plume is stable. At, monitoring well MW-11, the variability in the contaminant trend results in is attributed to the gap in time (2015-2024) where the well was inaccessible and not sampled.

Isoconcentration contour maps were developed for total BTEX (**Figure 5**) and naphthalene (**Figure 6**) contamination. The figures present locations of the groundwater monitoring wells and plume contours for total BTEX (as compared to the benzene WQ value of 1 µg/L) and naphthalene exceeding the NYSDEC WQ values. Evaluation of the isoconcentration figures suggests that the contaminant plumes are relatively stable to decreasing (smaller footprint with time) within the Site boundary. BTEX constituent plume trends (concentrations above the benzene WQ value of 1 µg/L) have consistently included monitoring wells MW-11, MW-13, MW-15, and MW-16. The naphthalene plume (concentrations above the WQ) currently includes monitoring wells MW-11, MW-13, and MW-15.

4 Conclusions and Recommendations

4.1 Conclusions

4.1.1 Groundwater Levels

The groundwater elevation data indicates groundwater within the Site flows from the south to the north, toward Cayadutta Creek. The groundwater flow direction has been consistent during previous gauging events and with data obtained prior to the ROD. **Figure 3** is a groundwater monitoring map verifying groundwater flow direction.

4.1.2 Site-Related Constituents

The highest concentrations of BTEX constituents and PAH compounds are at wells MW-11, MW-13, MW-15, and MW-16. All detected BTEX and PAH concentrations were within historical concentrations ranges. Site institutional controls continue to be effective and will continue to be monitored semi-annually.

There are minimal concentrations of lead in groundwater samples. Cyanide has been detected consistently in most wells, and the April 2026 concentrations were within historical concentration ranges.

4.1.3 Natural Attenuation

Plume stability at the Site is an indication that biodegradation capacity likely has not reached its limit of effectiveness. The use of statistical testing has identified the plume trends based on the constituent concentrations were typically either stable or decreasing. At wells MW-15 and MW-16, the Mann Kendall test indicates that naphthalene is increasing over time, however current groundwater concentrations at at MW-15 are consistent with the results obtained over 10 years of monitoring, and naphthalene was non-detect in MW-16 during the current sampling event.

4.2 Recommendations

At the request of NYSDEC, National Grid is preparing an addendum to the SMP to document the modified groundwater sampling program schedule.

Based on the results of the April 2026 groundwater sampling and monitoring event and results from previous events, it is recommended to continue the long-term semi-annual site inspection and groundwater monitoring program. The next event will occur in October 2026. In accordance with the approved modification to the groundwater sampling program, that event will involve semi-annual analysis of groundwater samples for MGP site-related parameters only. The next round of biannual analysis for monitored natural attenuation parameters will be conducted in fall 2028.

5 References

Borden, Robert C., et. al., "Geochemical Indicators of Intrinsic Bioremediation". Groundwater, Volume 33, Number 2, March/April 1995.

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New York State Department of Environmental Conservation. "Response to January 2026 Semi-Annual Groundwater Monitoring Report". New York State Department of Environmental Conservation, April 2026.

Niagara Mohawk Power Corporation. "Preliminary Historical Profile of the Johnstown (Market Street) MGP Site. Johnstown, New York". Niagara Mohawk Power Corporation, June 1993.

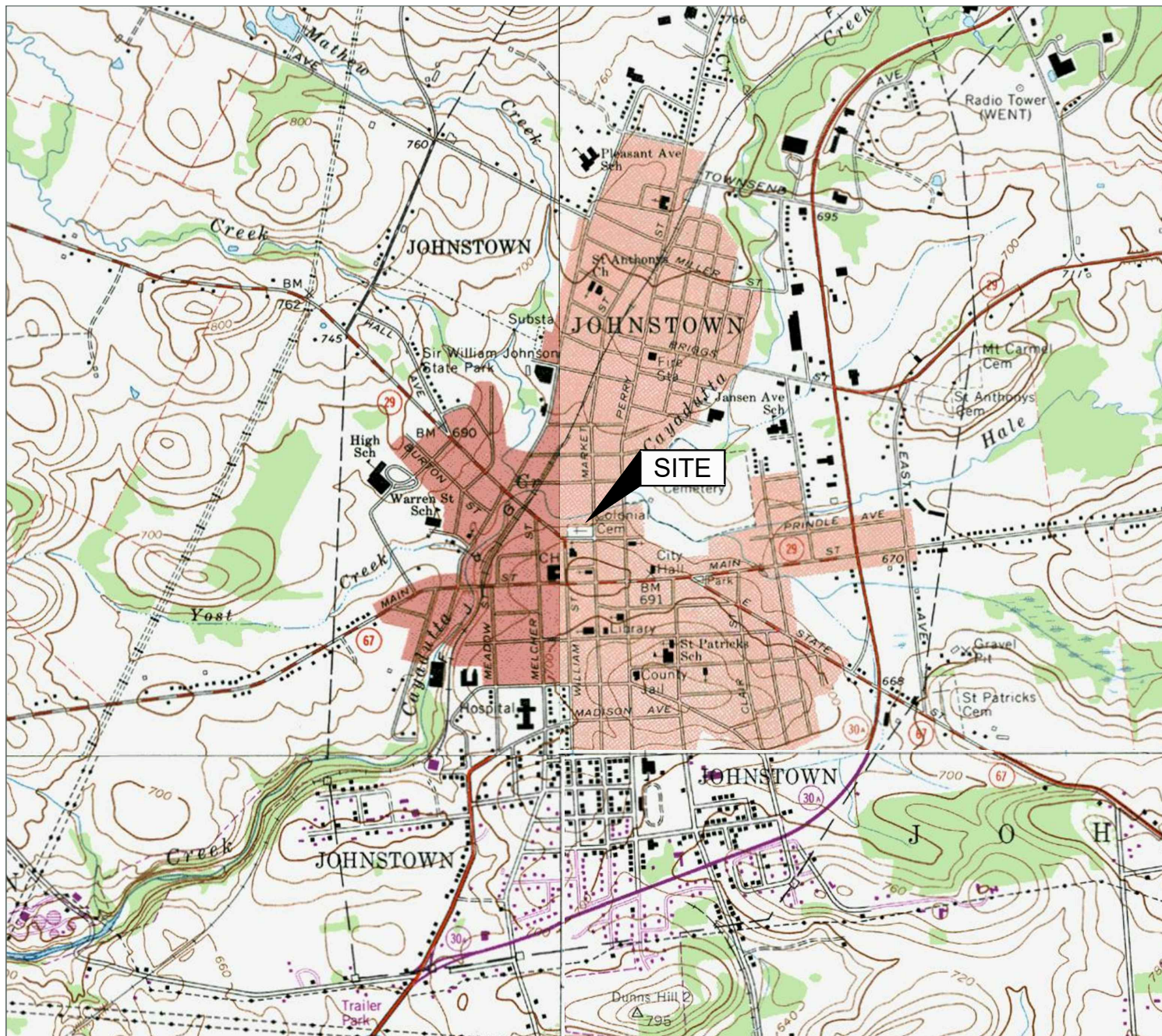
Niagara Mohawk Power Corporation. "Interim Remedial Measure (IRM) Summary Report for the Johnstown (N. Market Street) Site. Johnstown, Fulton County, New York. Site No. 5-18-020:. Tetra Tech FW, June 2007.

Niagara Mohawk Power Corporation. "IRM Summary Report for the Johnstown (N. Market Street) Site. Bridge Replacement Environmental Support Activities". Tetra Tech FW, October 2007.

Niagara Mohawk Power Corporation. "Record of Decision for the Johnstown (N. Market Street) Former MGP Site, Johnstown, New York". Niagara Mohawk Power Corporation, March 2010.



Figures



Source:
USGS 7.5 Minute Series
Topographic Quadrangle, 1970
Gloversville, New York
Contour Interval = 20'



Site Location Map

National Grid
Former MGP Site
105 N Market Street
Johnstown, New York

Drawn
W.G.S.
Designed
Approved

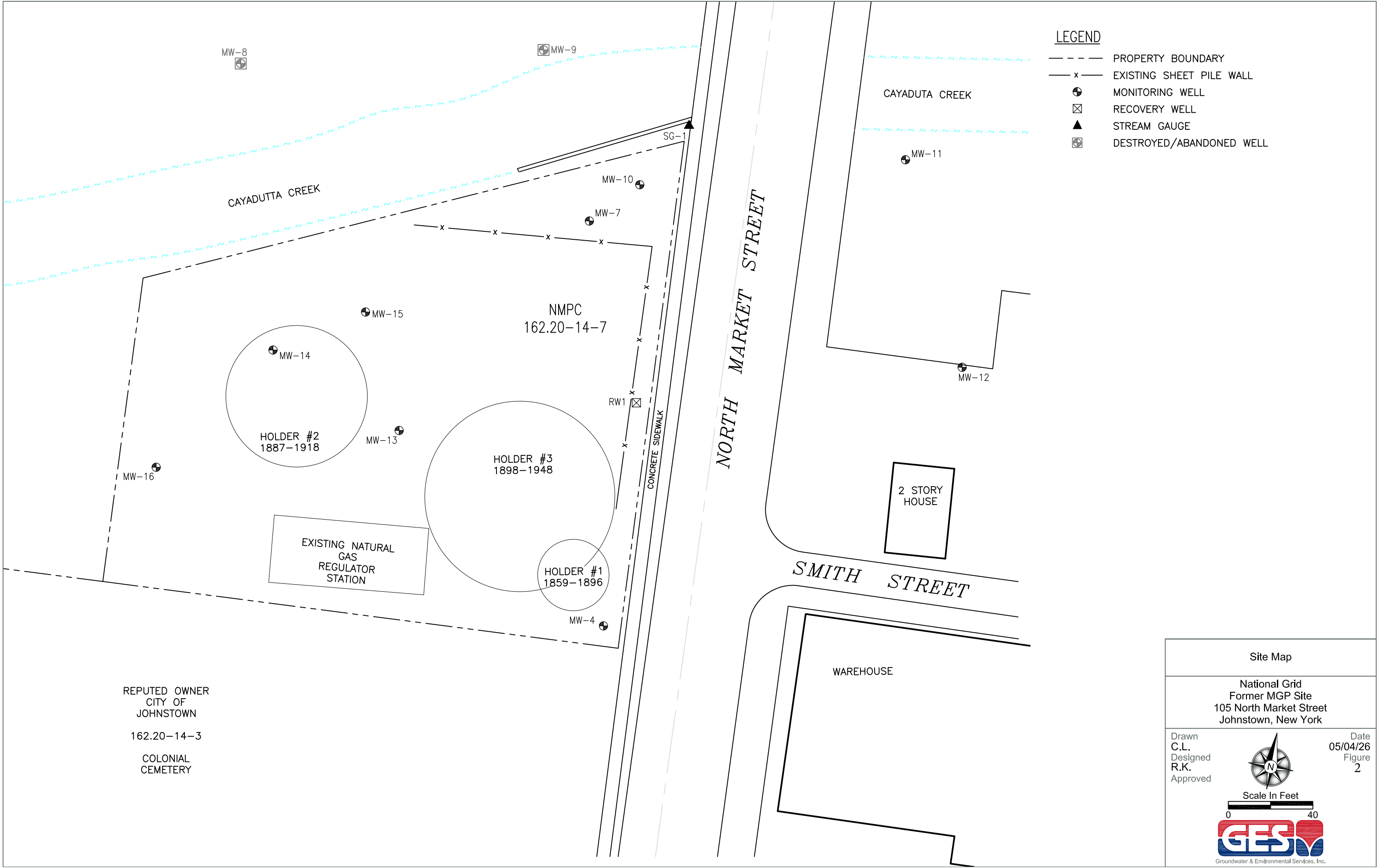
Date
11/15/19
Figure
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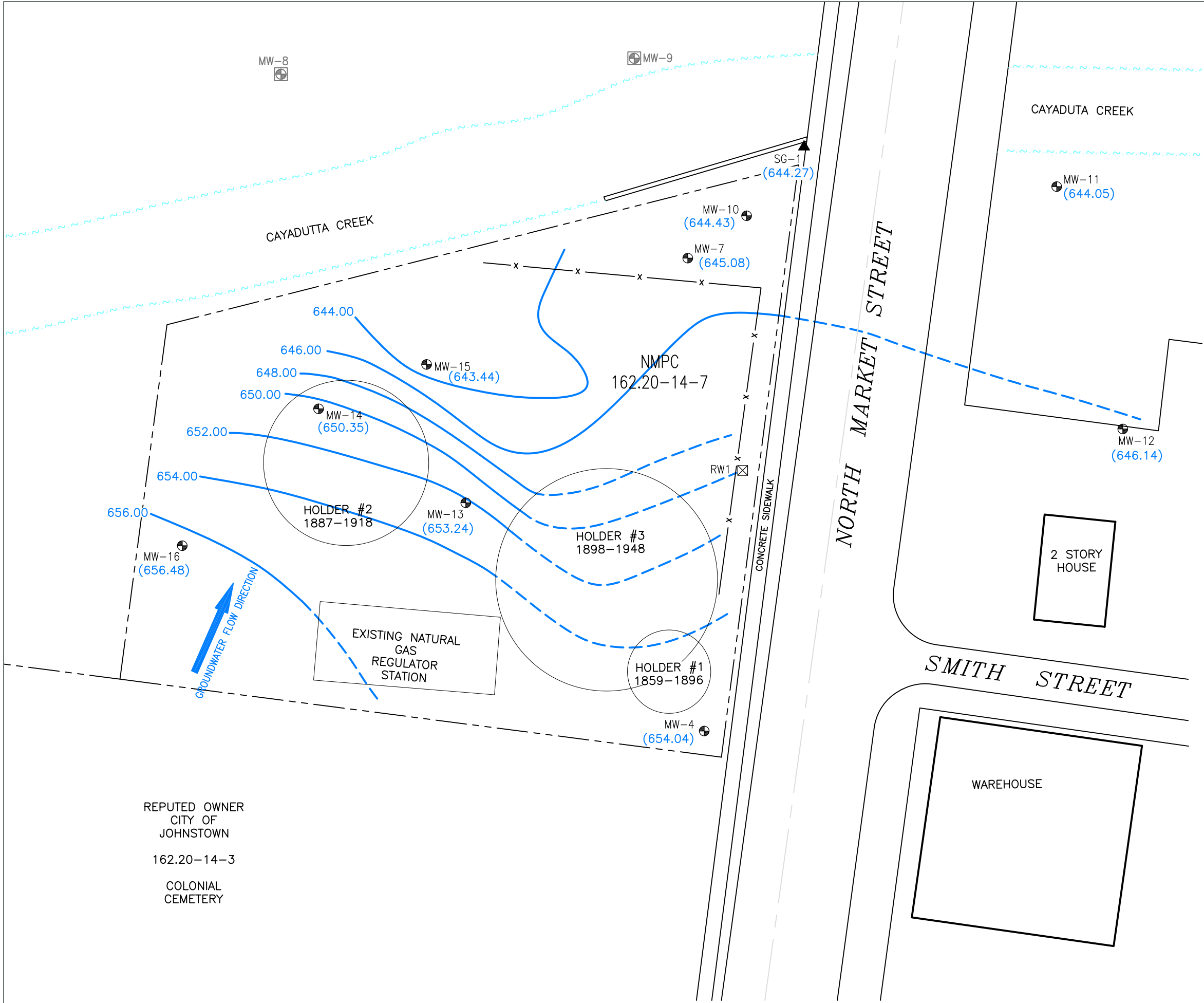
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LEGEND

- PROPERTY BOUNDARY
- x — EXISTING SHEET PILE WALL
- MONITORING WELL
- ⊠ RECOVERY WELL
- ▲ STREAM GAUGE
- ⊠ DESTROYED/ABANDONED WELL
- (644.43) GROUNDWATER ELEVATION (feet)
- GROUNDWATER CONTOUR (feet)
- - - GROUNDWATER CONTOUR DASHED WHERE INFERRED

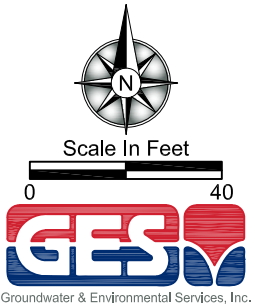
Groundwater Monitoring Map
April 8, 2026

National Grid
Former MGP Site
105 North Market Street
Johnstown, New York

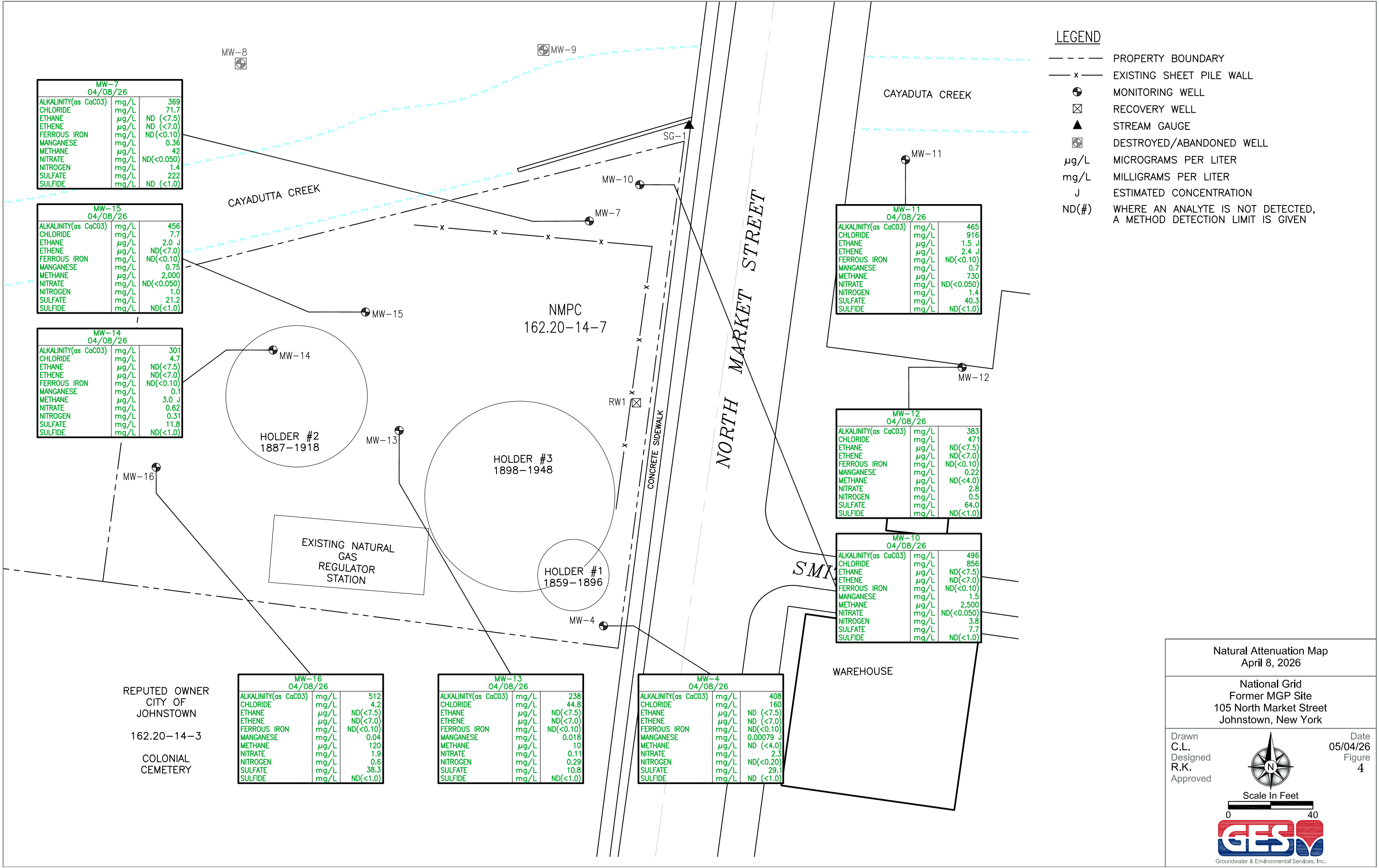
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C.L.
Designed
R.K.
Approved

Date
05/04/26
Figure

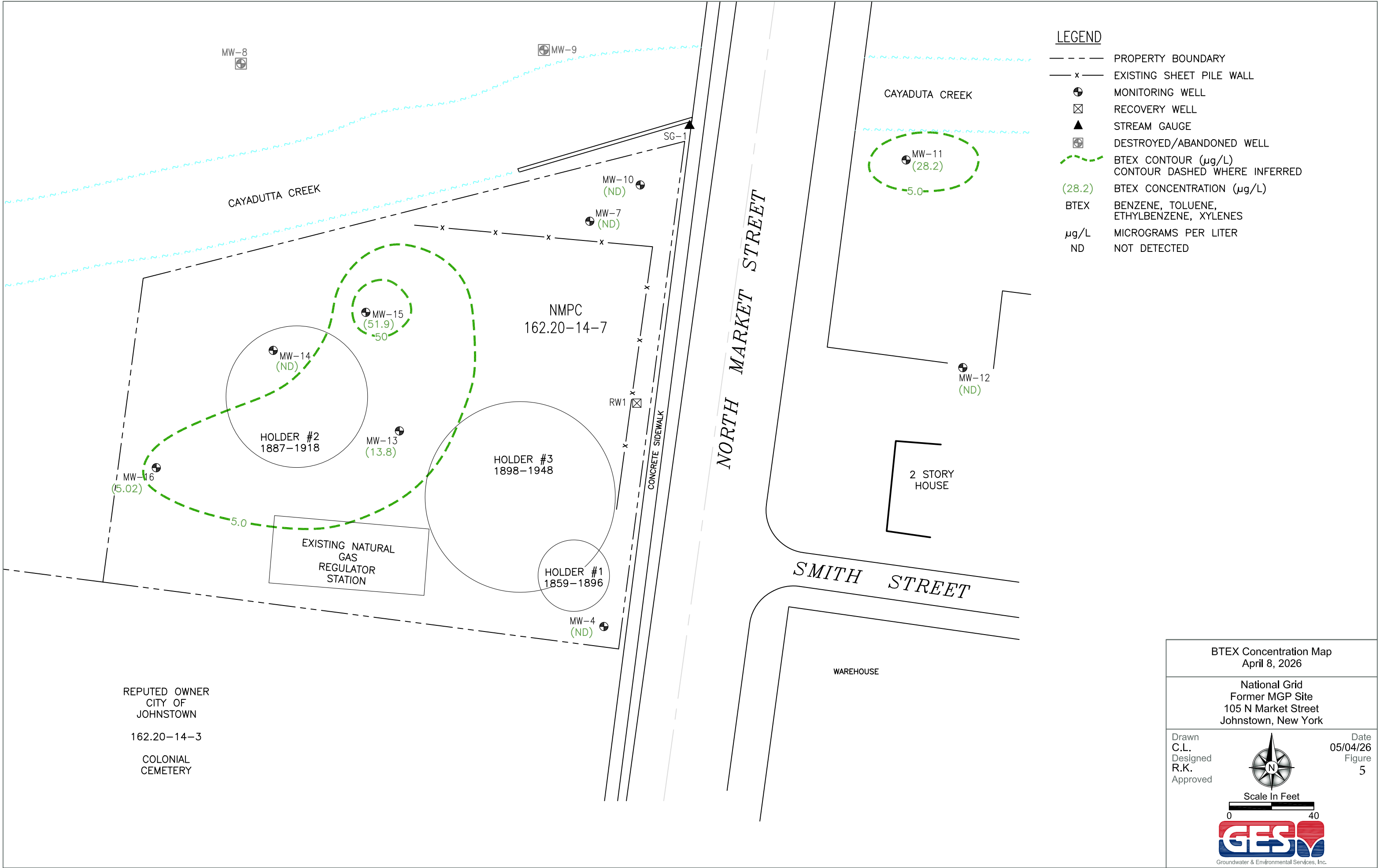
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Tables



Table 2
Groundwater Level Measurements

Well ID	ELEVATION REFERENCE POINT	6/30/2010		9/29/2010		1/5/2011		4/8/2011		6/16/2011		10/13/2011		12/15/2011	
		Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)
MW-4	676.54	23.10	653.44	23.41	653.13	22.95	653.59	22.50	654.04	22.04	654.50	21.41	655.13	22.78	653.76
MW-7	659.08	14.25	644.83	13.18	645.90	13.88	645.20	12.87	646.21	13.80	645.28	13.15	645.93	15.45	643.63
MW-10	657.59	14.80	642.79	14.60	642.99	14.75	642.84	14.09	643.50	14.77	642.82	14.11	643.48	14.22	643.37
MW-11	657.29	NM	NM	13.57	643.72	13.59	643.70	12.51	644.78	13.38	643.91	12.95	644.34	12.76	644.53
MW-12	660.08	NM	NM	NM	NM	15.06	645.02	NM	NM	NM	NM	13.61	646.47	14.54	645.54
MW-13	664.89	14.65	650.24	15.22	649.67	14.95	649.94	11.18	653.71	13.99	650.90	11.91	652.98	14.31	650.58
MW-14	663.91	13.50	650.41	14.46	649.45	14.28	649.63	12.86	651.05	13.65	650.26	13.26	650.65	13.65	650.26
MW-15	661.85	16.90	644.95	17.24	644.61	17.68	644.17	15.07	646.78	16.63	645.22	15.95	645.90	16.38	645.47
MW-16	665.57	9.70	655.87	10.19	655.38	12.33	653.24	11.00	654.57	10.50	655.07	9.79	655.78	9.91	655.66
RW-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GAUGE1	659.97	15.07	644.90	20.20	639.77	16.30	643.67	15.75	644.22	16.75	643.22	16.05	643.92	15.62	644.35

ft AMSL = Feet above mean sea level
ft TOC = Feet from top of inner casing
GW = Groundwater
NM = Not measured
NRP = No Reference Point

Table 2
Groundwater Level Measurements

Well ID	ELEVATION REFERENCE POINT	3/15/2012		10/9/2012		4/18/2013		10/7/2013		4/9/2014		10/13/2014		4/16/2015	
		Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)
MW-4	676.54	22.81	653.73	NM	NM	23.97	652.57	23.12	653.42	23.28	653.26	23.28	653.26	22.91	653.63
MW-7	659.08	13.55	645.53	14.17	644.91	13.53	645.55	14.36	644.72	13.71	645.37	14.61	644.47	13.23	645.85
MW-10	657.59	14.18	643.41	15.05	642.54	14.27	643.32	14.44	643.15	14.13	643.46	14.98	642.61	14.15	643.44
MW-11	657.29	12.73	644.56	13.95	643.34	13.01	644.28	13.16	644.13	12.68	644.61	13.71	643.58	12.62	644.67
MW-12	660.08	14.26	645.82	16.36	643.72	14.06	646.02	14.99	645.09	14.41	645.67	15.65	644.43	14.25	645.83
MW-13	664.89	14.98	649.91	16.12	648.77	14.18	650.71	15.08	649.81	14.84	650.05	15.53	649.36	11.34	653.55
MW-14	663.91	15.49	648.42	16.98	646.93	13.14	650.77	14.74	649.17	15.70	648.21	15.02	648.89	13.06	650.85
MW-15	661.85	16.41	645.44	17.85	644.00	16.26	645.59	17.21	644.64	16.67	645.18	17.55	644.30	15.31	646.54
MW-16	665.57	11.56	654.01	10.51	655.06	9.98	655.59	9.85	655.72	9.45	656.12	10.24	655.33	10.48	655.09
RW-1	-	-	-	17.98	-	16.21	-	15.95	-	12.32	-	17.31	-	16.84	-
GAUGE1	659.97	15.69	644.28	NM	NM	19.10	640.87	18.85	641.12	18.85	641.12	20.01	639.96	18.91	641.06

ft AMSL = Feet above mean sea level
ft TOC = Feet from top of inner casing
GW = Groundwater
NM = Not measured
NRP = No Reference Point



Table 2
Groundwater Level Measurements

Well ID	ELEVATION REFERENCE POINT	10/13/2015		4/6/2016		10/25/2016		4/26/2017		10/11/2017		4/26/2018		10/17/2018	
		Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)
MW-4	676.54	23.48	653.06	23.51	653.03	24.03	652.51	21.09	652.19	24.35	652.19	22.48	654.06	23.20	653.34
MW-7	659.08	14.61	644.47	14.19	644.89	15.00	644.08	13.62	645.46	14.83	644.25	12.85	646.23	14.40	644.68
MW-10	657.59	14.95	642.64	14.77	624.82	15.18	642.41	14.37	643.22	15.02	642.57	13.05	644.54	14.60	642.99
MW-11	657.29	-	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-
MW-12	660.08	15.62	644.46	14.95	645.13	15.82	644.26	13.55	646.53	15.62	644.46	14.00	646.08	15.10	644.98
MW-13	664.89	14.98	649.91	15.95	648.94	16.32	648.57	13.27	651.62	15.80	649.09	12.98	651.91	14.15	650.74
MW-14	663.91	13.63	650.28	16.81	647.1	16.8	647.11	13.71	650.20	15.88	648.03	13.71	650.20	13.88	650.03
MW-15	661.85	17.23	644.62	17.355	644.3	17.9	643.95	16.05	645.80	17.86	643.99	15.71	646.14	16.70	645.15
MW-16	665.57	9.61	655.96	10.79	654.78	11.11	654.46	9.02	656.55	10.43	655.14	9.52	656.05	9.88	655.69
RW-1	-	13.21	-	13.03	NRP	12.88	NRP	10.6	NRP	17.40	NRP	12.35	NRP	12.38	NRP
GAUGE1	659.97	19.91	640.06	19.76	640.21	18.40	641.57	15.70	644.27	15.46	644.51	14.55	645.42	15.70	644.27

ft AMSL = Feet above mean sea level
ft TOC = Feet from top of inner casing
GW = Groundwater
NM = Not measured
NRP = No Reference Point



Table 2
Groundwater Level Measurements

Well ID	ELEVATION REFERENCE POINT	4/18/2019		10/16/2019		5/20/2020		10/7/2020		4/14/2021		10/6/2021		4/13/2022	
		Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)
MW-4	676.54	22.60	653.94	23.47	653.07	22.11	654.43	24.21	652.33	23.46	653.08	22.99	653.55	22.55	653.99
MW-7	659.08	13.85	645.23	14.73	644.35	15.15	643.93	15.02	644.06	14.31	644.77	13.99	645.09	13.38	645.70
MW-10	657.59	14.50	643.09	15.02	642.57	15.02	642.57	15.15	642.44	14.77	642.82	14.24	643.35	14.12	643.47
MW-11	657.29	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-
MW-12	660.08	14.40	645.68	15.54	644.54	14.62	645.46	15.85	644.23	15.29	644.79	14.81	645.27	13.68	646.40
MW-13	664.89	13.07	651.82	14.74	650.15	15.42	649.47	16.05	648.84	14.02	650.87	14.48	650.41	12.18	652.71
MW-14	663.91	13.80	650.11	13.8	650.11	14.23	649.68	16.15	647.76	13.95	649.96	14.21	649.70	13.76	650.15
MW-15	661.85	15.60	646.25	17.05	644.80	16.52	645.33	17.69	644.16	16.61	645.24	16.40	645.45	15.69	646.16
MW-16	665.57	10.39	655.18	9.78	655.79	9.81	655.76	10.93	654.64	9.94	655.63	9.81	655.76	8.84	656.73
RW-1	-	15.22	NRP	13.00	NRP	11.40	NRP	13.83	NRP	12.72	NRP	11.49	NRP	9.28	NRP
GAUGE1	659.97	15.50	644.47	16.28	643.69	16.05	643.92	16.38	643.59	16.73	643.24	16.02	643.95	15.60	644.37

ft AMSL = Feet above mean sea level
ft TOC = Feet from top of inner casing
GW = Groundwater
NM = Not measured
NRP = No Reference Point



Table 2
Groundwater Level Measurements

Well ID	ELEVATION REFERENCE POINT	10/6/2022		4/19/2023		10/11/2023		4/16/2024		10/17/2024		4/16/2025		10/8/2025		4/8/2026	
		Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)	Depth to Water (ft TOC)	GW Elevation (ft AMSL)
MW-4	676.54	24.00	652.54	22.02	654.52	24.62	651.92	21.74	654.80	24.14	652.40	22.80	653.74	24.30	652.24	22.50	654.04
MW-7	659.08	15.08	644.00	14.05	645.03	14.78	644.30	13.59	645.49	15.00	644.08	13.92	645.16	14.73	644.35	14.00	645.08
MW-10	658.59	14.99	642.60	14.79	642.80	14.91	642.68	14.23	643.36	15.07	642.52	14.42	644.17	14.34	644.25	14.16	644.43
MW-11	657.29	NM	-	NM	-	NM	-	12.41	644.88	13.45	643.84	13.08	644.21	13.00	644.29	13.24	644.05
MW-12	660.08	15.06	645.02	14.17	645.91	15.06	645.02	13.46	646.62	15.55	644.53	14.53	645.55	15.73	644.35	13.94	646.14
MW-13	664.89	15.63	649.26	13.34	651.55	15.52	649.37	12.25	652.64	16.33	648.56	13.41	651.48	16.38	648.51	11.65	653.24
MW-14	663.91	14.15	649.76	13.95	649.96	14.73	649.18	13.85	650.06	16.68	647.23	13.7	650.21	16.45	647.46	13.56	650.35
MW-15	661.85	16.67	645.18	16.90	644.95	17.36	644.49	15.78	646.07	17.82	644.03	16.19	645.66	17.82	644.03	18.41	643.44
MW-16	665.57	10.31	655.26	9.48	656.09	10.35	655.22	9.05	656.52	11.35	654.22	9.20	656.37	11.46	654.11	9.09	656.48
RW-1	-	16.30	NRP	10.43	NRP	15.28	NRP	9.42	NRP	17.47	NRP	10.03	NRP	17.80	NRP	9.03	NRP
GAUGE1	659.97	14.65	645.32	19.31	640.66	15.63	644.34	15.20	644.77	15.75	644.22	15.55	644.42	15.08	644.89	15.70	644.27

ft AMSL = Feet above mean sea level
ft TOC = Feet from top of inner casing
GW = Groundwater
NM = Not measured
NRP = No Reference Point
MW-10 was resurveyed in January 2025. The initial elevation referenced point was 657.59 ft AMSL.



Table 3
Groundwater Analytical Data
MW-4

CONSTITUENT	UNITS	NYSDEC AWQS Values	04/16/15	10/14/15	04/06/16	10/25/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26	
BTEX Compounds																										
Benzene	µg/L	1	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
Ethylbenzene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
m/p-Xylene	µg/L	5	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	
p-Xylene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
Toluene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
PAHs																										
Acenaphthene	µg/L	20	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	0.21	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Acenaphthylene	µg/L	NC	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Anthracene	µg/L	50	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Benzo(a)anthracene	µg/L	0.002	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Benzo(a)pyrene	µg/L	0.000	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Benzo(b)fluoranthene	µg/L	0.002	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Benzo(g,h,i)perylene	µg/L	NC	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Benzo(k)fluoranthene	µg/L	0.002	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Chrysene	µg/L	0.002	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Dibenz(a,h)anthracene	µg/L	NC	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Fluoranthene	µg/L	50	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Fluorene	µg/L	50	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Naphthalene	µg/L	10	2.2	2.2	ND (<0.51)	0.29	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	2.4	0.17	ND (<0.10)	ND (<0.099)	0.46	0.24	0.17	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Phenanthrene	µg/L	50	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Pyrene	µg/L	50	ND (<0.49)	ND (<0.52)	ND (<0.52)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.097)	ND (<0.12)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Cyanide and Lead																										
Lead	µg/L	25	ND (<5.0)	ND (<10)	ND (<10)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<20)	ND (<10.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	
Cyanide	mg/L	0.2	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	

AWQS = Ambient Water Quality Standards
B = Present in Associated Blank Sample
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
D = Diluted Sample
E = Result exceeded calibration range
F1 = MS and/or MSD Recovery outside acceptance limits.
F2 = MS/MSD RPD above control limits.
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
R = Rejected
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS



Table 3
Groundwater Analytical Data
MW-4

CONSTITUENT	UNITS	04/16/15	10/14/15	04/06/16	10/25/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26
MNA/WQ Parameters																								
Alkalinity (as CaCO ₃)	mg/L	384	412	394	414	392	418	424	424	452	410	360	390	388	500	406	NS	402	436	378	335	405	464	498
Chloride	mg/L	295	365	304	421	377	ND (<300)	233	306	360	260	296	200	315	637	339	NS	425	266	240	192	147	230	150
Ethane	µg/L	ND (<7.5)	ND (<7.5)	ND (<7.5)	ND (<0.025)	ND (<0.025)	ND (<0.030)	0.037J	ND (<0.16)	ND (<1.0)	0.036 J	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.00)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.5)	1.9 J	ND (<7.5)	ND (<7.5)	ND (<7.5)
Ethene	mg/L	ND (<7.0)	ND (<7.0)	ND (<7.0)	ND (<0.035)	ND (<0.035)	ND (<0.10)	ND (<0.10)	ND (<0.032)	ND (<1.0)	ND (<1.0)	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.00)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.0)	1.9 J	ND (<7.0)	ND (<7.0)	ND (<7.0)
Ferrous Iron	mg/L	ND (<0.1)	ND (<0.1)	0.14	0.11	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	0.10	ND (<0.10)	ND (<0.10)	NS	ND (<0.10)	ND (<0.10)	0.21	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)
Manganese	mg/L	ND (<3.0)	0.019	0.0031	0.0053	ND (<0.005)	ND (<0.005)	0.0065	ND (<0.005)	0.0318	ND (<0.005)	0.0541	ND (<0.005)	0.0621	ND (<0.005)	ND (<0.010)	NS	ND (<0.010)	ND (<0.010)	ND (<0.0030)	0.00040 J	0.0012 J	ND (<0.0030)	0.00079 J
Methane	µg/L	ND (<4.0)	ND (<4.0)	ND (<4.0)	0.32J	0.47J	0.27J	0.29J	ND (<0.30)	ND (<2.5)	ND (<2.5)	ND (<1.00)	ND (<5.00)	ND (<5.00)	3.01 J	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<4.0)	1.2 J	ND (<4.0)	ND (<4.0)	ND (<4.0)
Nitrate	mg/L	2.9	2.9	3.4	3.2	2.2	3.2	0.69	2.1	3.9	2.7	2.8	2.2	3.9	2.2	2.6	2.2	1.8	1.8	0.22	2.0	3.3	3.5	2.3
Nitrogen	mg/L	ND (<0.2)	ND (<0.2)	ND (<0.2)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	0.23	ND (<0.20)	0.29	ND (<0.20)	ND (<0.20)
Sulfate	mg/L	60	60	73.9	60.8	23.0	56.7	50.0	ND (<50.0)	35.8	42.1	23.7	37.0	35.9	51.4	35.1	NS	20.1	38.1	25.8	35.9	28.7	30.1	29.1
Sulfide	mg/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)

B = Present In Associated Blank Sample
D = Diluted Sample
J = Estimated Concentration
mg/L = Milligrams per Liter
MNA = Monitored Natural Attenuation
NA = Not Analyzed
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
R = Rejected
µg/L = Micrograms per Liter
WQ = Water Quality



Table 3
Groundwater Analytical Data
MW-7

CONSTITUENT	UNITS	NYSDEC AWQS Values	04/16/15	10/14/15	04/06/16	10/26/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26	
BTEX Compounds																										
Benzene	µg/L	1	ND (<1.0)	1.3	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
Ethylbenzene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
m,p-Xylene	µg/L	5	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	
o-Xylene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
Toluene	µg/L	5	ND (<1.0)	1.3	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
PAHs																										
Acenaphthene	µg/L	20	ND (<0.46)	ND (<0.49)	ND (<0.49)	0.10	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	0.13	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	
Acenaphthylene	µg/L	NC	ND (<0.46)	ND (<0.49)	ND (<0.49)	0.20	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	0.10	ND (<0.10)	0.17	0.11	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	
Anthracene	µg/L	50	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.099)	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.099)	
Benzo(a)anthracene	µg/L	0.002	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	0.12	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	
Benzo(a)pyrene	µg/L	0.000	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	0.11	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	
Benzo(b)fluoranthene	µg/L	0.002	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	0.10	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	
Benzo(g,h,i)perylene	µg/L	NC	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.099)	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	
Benzo(k)fluoranthene	µg/L	0.002	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.099)	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	
Chrysene	µg/L	0.002	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	0.12	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	
Dibenz(a,h)anthracene	µg/L	NC	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.099)	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	
Fluoranthene	µg/L	50	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	0.16	ND (<0.10)	0.29	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	
Fluorene	µg/L	50	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.099)	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	ND (<0.099)	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	
Naphthalene	µg/L	10	ND (<0.46)	5.2	ND (<0.49)	3.0	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	0.83	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	ND (<0.11)	ND (<0.096)	
Phenanthrene	µg/L	50	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.10)	0.14	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	
Pyrene	µg/L	50	ND (<0.46)	ND (<0.49)	ND (<0.49)	ND (<0.10)	ND (<0.097)	ND (<0.097)	ND (<0.098)	ND (<0.11)	ND (<0.11)	0.26	ND (<0.10)	0.43	ND (<0.096)	ND (<0.11)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	ND (<0.11)	ND (<0.098)	
Cyanide and Lead																										
Lead	µg/L	25	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	5.6	ND (<5.0)	ND (<20)	ND (<10.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	12	ND (<10)	ND (<10)	ND (<10)	ND (<10)	
Cyanide	mg/L	0.2	0.18	0.18	0.18	0.15	0.18	0.16	0.14	0.17	0.129	0.17	ND (<0.010)	0.35	0.11	0.13	0.26	0.15	0.15	0.14	0.15	0.14	0.14	0.10	0.095	

- AWQS = Ambient Water Quality Standards
B = Present in Associated Blank Sample
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
D = Diluted Sample
E = Result exceeded calibration range
F1 = MS and/or MSD Recovery outside acceptance limits.
F2 = MS/MSD RPD above control limits.
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
R = Rejected
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS



Table 3
Groundwater Analytical Data
MW-7

CONSTITUENT	UNITS	04/16/15	10/14/15	04/06/16	10/26/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26
MNA/WQ Parameters																								
Alkalinity (as CaCO ₃)	mg/L	340	403	395	406	412	380	399	440	370	400	446	430	422	440	404	NS	394	406	426	375	416	404	369
Chloride	mg/L	67.7	66.7	66.2	79.4	68.9	64.6	63.6	59.4	63.9	50.9	58.1	56.5	62.6	53.4	83.3	NS	90.0	68.4	61.8	70.9	65.7	67.5	71.7
Ethane	µg/L	ND (<7.5)	ND (<7.5)	ND (<7.5)	0.38J	0.86J	0.20J	0.32J	0.18J	0.13 J	ND (<1.0)	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.00)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.5)	1.9 J	ND (<7.5)	ND (<7.5)	ND (<7.5)
Ethene	µg/L	ND (<7.0)	ND (<7.0)	ND (<7.0)	ND (<0.035)	0.090J	ND (<0.10)	ND (<0.10)	ND (<0.032)	ND (<1.0)	ND (<1.0)	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.00)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.0)	1.7 J	ND (<7.0)	ND (<7.0)	ND (<7.0)
Ferrous Iron	mg/L	ND (<0.1)	ND (<0.1)	0.14	0.59	3.7	3.3	2.9	3.2	2.5	2.1	4.3	2.9	0.66	2.3	0.99	NS	3.9	5.7	0.91	2.6	0.3	ND (<0.10)	ND (<0.10)
Manganese	mg/L	0.49	0.46	0.53	0.43	0.478	0.476	0.476	0.459	0.487	0.395	0.513	0.420	0.440	0.400	0.307	0.379	0.389	0.401	0.47	0.35	0.44	0.37	0.36
Methane	µg/L	35	96	17	160	240	120	170	150	140	160	111	30.3	ND (<5.00)	88.2	67.2	NS	19.2	61.4	61	96	120	90	42
Nitrate	mg/L	ND (<0.05)	ND (<0.05)	0.14	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<0.10)	ND (<0.20)	0.11	ND (<0.10)	ND (<0.10)	ND (<0.10)	0.022 J	0.028 J	0.063	0.029 J	ND (<0.050)
Nitrogen	mg/L	1.1	1.5	1.6	2.2	1.8	1.3	1.7	1.2	1.6	0.11	1.6	ND (<0.10)	1.7	1.7	1.4	1.6	1.4	1.5	1.6	4.3	1.8	1.6	1.4
Sulfate	mg/L	442	533	384	476	396	394	389	331	334	259	307	298	280	321	287	NS	257	281	281	243	261	241	222
Sulfide	mg/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	2.4	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)

B = Present in Associated Blank Sample
D = Diluted Sample
J = Estimated Concentration
mg/L = Milligrams per Liter
MNA = Monitored Natural Attenuation
NA = Not Analyzed
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
R = Rejected
µg/L = Micrograms per Liter
WQ = Water Quality

Groundwater Analytical Data
MW-10

AWQS	= Ambient Water Quality Standards
B	= Present in Associated Blank Sample
BTEX	= Benzene, Ethylbenzene, Toluene and Xylene
D	= Diluted Sample
F	= Result exceeded calibration range
F1	= MS and MSD Recovery outside acceptance limits.
F2	= MS/MSD RPD above control limits.
J	= Estimated Concentration Value
mg/L	= Milligrams per Liter
NC	= No Criteria
ND (<#)	= Not detected above laboratory reporting limit (indicated by #)
NS	= Not Sampled
NYS DEC	= New York State Department of Environmental Conservation
PAHs	= Polycyclic Aromatic Hydrocarbons
R	= Rejected
µg/L	= Micrograms per Liter
Bolded	= values indicated exceedance of the NYSDEC AWQS



Table 3
Groundwater Analytical Data
MW-10

CONSTITUENT	UNITS	04/16/15	10/13/15	04/06/16	10/26/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26
MNA/WQ Parameters																								
Alkalinity (as CaCO ₃)	mg/L	512	581	586	660	628	616	606	650	550	640	624	502	524	650	612	640	586	614	572	630	576	610	496
Chloride	mg/L	698	1060	893	784	390	427	419	709	440	566	314	472	945	768	816	751	970	823	406	600	459	529	856
Ethane	µg/L	ND (<7.5)	ND (<7.5)	ND (<7.5)	0.16J	0.33J	0.20J	0.24J	0.42J	0.29 J	0.34 J	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.0)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.5)	2.9 J	ND (<7.5)	ND (<7.5)	ND (<7.5)
Ethene	µg/L	ND (<7.0)	ND (<7.0)	ND (<7.0)	ND (<0.035)	0.12J	ND (<0.10)	ND (<0.10)	ND (<0.032)	ND (<1.0)	ND (<1.0)	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.0)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.0)	2.0 J	ND (<7.0)	ND (<7.0)	ND (<7.0)
Ferrous Iron	mg/L	ND (<0.10)	ND (<0.10)	0.11	1.0	4.2	4.7	4.8	2.6	2.2	5.3	1.2	1.1	3.2	2.0	5.9	4.3	11.5	1.5	4.9	0.4	ND (<0.10)	ND (<0.10)	
Manganese	mg/L	1.3	1.6	1.2	1.2	1.020	1.030	0.882	0.994	0.946	1.15	0.953	0.771	1.09	1.040	1.150	1.24	1.16	1.47	1.2	1.3	1.3	1.3	1.5
Methane	µg/L	63	82	56	420	300	330	470	680	460	1300	390	451	ND (<5.00)	780	594	NS	482	63.1	900	2,800	2,800	3,200	2,500
Nitrate	mg/L	ND (<0.05)	0.11	ND (<0.05)	0.12	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.50)	ND (<0.10)	ND (<0.20)	ND (<0.50)	ND (<0.10)	0.14	0.41	0.021 J	ND (<0.050)	ND (<0.050)	ND (<0.050)	ND (<0.050)
Nitrogen	mg/L	5.6	6.3	4	6.5	5.1	3.8	3.3	4.5	4	ND (<1.0)	2.5	1.0	4.0	4.7	3.6	3.6	3.9	4.5	3.5	3.0	4.1	3.9	3.8
Sulfate	mg/L	167	53.9	44.4	56.6	148	38.2	ND (<100)	23.0	59.4	20.9	55.2	23.9	7.8	9.7	12.3	4.6	12.4	5.0	ND (<5.0)	ND (<5.0)	3.4 J	1.5 J	7.7
Sulfide	mg/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	3.4	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)

B = Present in Associated Blank Sample
D = Diluted Sample
J = Estimated Concentration
mg/L = Milligrams per Liter
MNA = Monitored Natural Attenuation
NA = Not Analyzed
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
R = Rejected
µg/L = Micrograms per Liter
WQ = Water Quality

Table 3
Groundwater Analytical Data
MW-11

CONSTITUENT	UNITS	NYSDEC AWQS Values	03/14/12	10/09/12	04/18/13	10/08/13	04/09/14	10/20/14	04/16/15	10/14/15 to 10/11/23*	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26
BTEX Compounds															
Benzene	µg/L	1	7.9	12	3.5	8.1	10	22	7.3	NS	16	18	12	17	16
Ethylbenzene	µg/L	5	3.5	ND (<1.0)	1.2	3.8	5.1	7.8	3	NS	6.4	6.3	6.3	5.9	7.3
m,p-Xylene	µg/L	5	1.4J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	2.1	ND (<2.0)	NS	1.3 J	ND (<4.0)	1.3 J	ND (<4.0)	1.5 J
o-Xylene	µg/L	5	1.2	ND (<1.0)	ND (<1.0)	1.6	2.1	2.6	1.5	NS	1.7	1.6 J	1.9	ND (<2.0)	2.3
Toluene	µg/L	5	0.69J	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.1	1.9	ND (<1.0)	NS	1.3	1.4 J	1.2	1.1 J	1.1
PAHs															
Acenaphthene	µg/L	20	100	140 E	87	110	120	110	59	NS	210	280	140	240	190
Acenaphthylene	µg/L	NC	210	160 E	120	170	110	150	55	NS	130	160	79	110	92
Anthracene	µg/L	50	11	23	13	28	13	16	4.2	NS	11 J	17	8.4 J	13	11
Benzo(a)anthracene	µg/L	0.002	5.2 B	3.8	ND (<0.002)	8.3	3.2	4.8	1.9	NS	ND (<25)	0.79 J	0.63 J	0.53 J	1.0J
Benzo(a)pyrene	µg/L	0.002	2.3J	2.7	3.3	8.8	2.8	4.7	0.84	NS	ND (<25)	ND (<5.0)	ND (<5.0)	ND (<5.0)	0.55J
Benzo(b)fluoranthene	µg/L	0.002	1.4J	1.7	ND (<0.002)	ND (<0.002)	ND (<0.002)	4.6	0.68	NS	ND (<25)	0.36 J	ND (<5.0)	ND (<5.0)	0.68 J
Benzo(g,h,i)perylene	µg/L	NC	1.3J	1	1	3.4	ND (<0.002)	1.8	ND (<0.002)	NS	ND (<25)	ND (<5.0)	ND (<5.0)	ND (<5.0)	0.44 J
Benzo(k)fluoranthene	µg/L	0.002	1.2J	1.6	ND (<0.002)	ND (<0.002)	ND (<0.002)	2.1	ND (<0.002)	NS	ND (<25)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<5.1)	3.4	4.4	10	5.4	7.8	0.99	NS	1.7 J	1.2 J	1.1 J	0.41 J	2.2 J
Dibenz(a,h)anthracene	µg/L	NC	ND (<5.1)	ND (<5.1)	ND (<5.1)	ND (<5.1)	ND (<5.1)	ND (<0.47)	ND (<0.47)	NS	ND (<25)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	12	24	14	28	12	16	5.4	NS	13 J	17 J	8.4	13 J	12
Fluorene	µg/L	50	62	82	62	70	31	44	16	NS	69	110	44 J	73	57
Indeno(1,2,3-cd)pyrene	µg/L	0.002	0.69J	1.6	ND (<0.002)	ND (<0.002)	ND (<0.002)	1.2	ND (<0.002)	NS	ND (<25)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Naphthalene	µg/L	10	140	110	50	87	ND (<10)	51	2.3	NS	120	63	40 J	4.5 J	49
Phenanthrene	µg/L	50	91	170	80	130	5.8	62	1.5	NS	82	180	44 J	90	100
Pyrene	µg/L	50	16	28	18	34	17	20	4.2	NS	15 J	20	11 J	17	15
Cyanide and Lead															
Lead	µg/L	25	4.6J	ND (<5.0)	ND (<5.0)	5.9	ND (<5.0)	0.014	ND (<5.0)	NS	46	3.3 J	ND (<10)	ND (<10)	0.0073 J
Cyanide	mg/L	0.2	0.012	ND (<0.010)	ND (<0.010)	ND (<0.010)	0.018	0.021	0.012	NS	0.020	0.021	0.013	0.012	0.0074 J

AWQS = Ambient Water Quality Standards * = Monitoring well is inaccessible due to debris and was not sampled during this time period
B = Present in Associated Blank Sample
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
D = Diluted Sample
E = Result exceeded calibration range
F1 = MS and/or MSD Recovery outside acceptance limits.
F2 = MS/MSD RPD above control limits.
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
R = Rejected
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS



Table 3
Groundwater Analytical Data
MW-11

CONSTITUENT	UNITS	03/14/12	10/09/12	04/18/13	10/08/13	04/09/14	10/15/14	04/16/15	10/14/15 to 10/11/23*	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26
MNA/WQ Parameters														
Alkalinity (as CaCO ₃)	mg/L	R	623	507	573	465	457	428	NS	461	475	431	484	465
Chloride	mg/L	321	350	202	295	454	364	314	NS	618	647	463	829	916
Ethane	µg/L	ND (<15)	ND (<380)	ND (<380)	ND (<380)	ND (<380)	ND (<7.5)	ND (<7.5)	NS	ND (<170)	44 J	ND (<7.5)	ND (<7.5)	1.5 J
Ethene	µg/L	ND (<15)	ND (<350)	ND (<350)	ND (<350)	ND (<350)	ND (<7.0)	ND (<7.0)	NS	ND (<150)	39 J	2.6 J	ND (<7.0)	2.4 J
Ferrous Iron	mg/L	ND (<0.1)	0.5	0.16	0.22	0.29	ND (<0.1)	ND (<0.1)	NS	0.76	ND (<0.10)	0.83	ND (<0.10)	ND (<0.10)
Manganese	mg/L	0.47	0.95	0.95	0.55	0.56	0.56	0.25	NS	0.74	0.66	0.41	1.0	0.7
Methane	µg/L	160	520	12	25	120	180	13	NS	640.00	780	420	890	730
Nitrate	mg/L	0.092	ND (<0.050)	0.79	0.32	0.32	0.059	0.28	NS	ND (<0.050)	0.020 J	0.038 J	ND (<0.050)	ND (<0.050)
Nitrogen	mg/L	1.3	1.4	0.58	0.64	0.57	1.2	0.36	NS	1.5	1.2	0.71	1.5	1.4
Sulfate	mg/L	8.5 B	16.9	112	94.1	58	44.3	82.9	NS	14.9	17.9	38.2	22.9	40.3
Sulfide	mg/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.8	ND (<1.0)	NS	1.2	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)

B = Present in Associated Blank Sample
D = Diluted Sample
J = Estimated Concentration
mg/L = Milligrams per Liter
MNA = Monitored Natural Attenuation
NA = Not Analyzed
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
R = Rejected
µg/L = Micrograms per Liter
WQ = Water Quality
- = Monitoring well is inaccessible due to debris and was not sampled during this time period



Table 3
Groundwater Analytical Data
MW-12

CONSTITUENT	UNITS	NYSDEC AWQS Values	10/14/15	04/06/16	10/26/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26	
BTEX Compounds																									
Benzene	µg/L	1	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
Ethylbenzene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
m,p-Xylene	µg/L	5	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	
p-Xylene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
Toluene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	
PAHs																									
Acenaphthene	µg/L	20	ND (<0.47)	ND (<0.51)	0.11	ND (<0.097)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.11)	ND (<0.097)	ND (<0.096)	ND (<0.11)	ND (<0.099)	0.11	ND (<0.096)	ND (<0.10)	ND (<5.0)	ND (<25)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Acenaphthylene	µg/L	NC	ND (<0.47)	ND (<0.51)	4.4	ND (<0.097)	0.30	0.39	0.62	ND (<0.11)	1.0	0.1	0.61	0.41	0.14	0.21	2.5	0.27	0.40	ND (<5.0)	ND (<25)	ND (<5.0)	0.53 J	ND (<5.0)	
Anthracene	µg/L	50	0.73	ND (<0.51)	1.4	ND (<0.097)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	0.099	ND (<0.11)	ND (<0.097)	ND (<0.096)	ND (<0.11)	1.4	1.5	0.31	0.22	ND (<5.0)	ND (<25)	ND (<5.0)	ND (<5.0)	0.44 J	
Benzo(a)anthracene	µg/L	0.002	ND (<0.47)	ND (<0.51)	2.1	0.11	0.14	ND (<0.099)	ND (<0.11)	ND (<0.11)	0.24	0.34	ND (<0.097)	ND (<0.096)	ND (<0.11)	0.49	5.4	0.77	0.67	ND (<5.0)	ND (<25)	ND (<5.0)	0.46 J	0.52 J	
Benzo(a)pyrene	µg/L	0.002	ND (<0.47)	ND (<0.51)	2.8	0.11	0.16	ND (<0.099)	ND (<0.11)	ND (<0.11)	0.3	0.41	ND (<0.097)	ND (<0.096)	ND (<0.11)	0.46	6.7	0.97	0.87	ND (<5.0)	ND (<25)	ND (<5.0)	0.70 J	0.59 J	
Benzo(b)fluoranthene	µg/L	0.002	ND (<0.47)	ND (<0.51)	2.3	0.13	0.19	ND (<0.099)	ND (<0.11)	ND (<0.11)	0.24	0.34	ND (<0.097)	ND (<0.096)	ND (<0.11)	0.49	6.8	0.85	0.8	ND (<5.0)	ND (<25)	ND (<5.0)	0.39 J	0.50 J	
Benzo(g,h,i)perylene	µg/L	NC	ND (<0.47)	ND (<0.51)	1.6	ND (<0.097)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	0.15	0.21	ND (<0.097)	ND (<0.096)	ND (<0.11)	0.27	3.8	0.41	0.41	ND (<5.0)	ND (<25)	ND (<5.0)	ND (<5.0)	0.46 J	
Benzo(k)fluoranthene	µg/L	0.002	ND (<0.47)	ND (<0.51)	0.94	0.11	0.16	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.11)	ND (<0.097)	ND (<0.096)	ND (<0.11)	0.45	6.0	0.74	0.65	ND (<5.0)	ND (<25)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Chrysene	µg/L	0.002	ND (<0.47)	ND (<0.51)	1.9	ND (<0.097)	0.11	ND (<0.099)	ND (<0.11)	ND (<0.11)	0.19	0.22	ND (<0.097)	ND (<0.096)	ND (<0.11)	0.72	3.9	0.90	0.81	ND (<5.0)	ND (<25)	ND (<5.0)	0.55 J	0.46 J	
Dibenz(a,h)anthracene	µg/L	NC	ND (<0.47)	ND (<0.51)	0.29	ND (<0.097)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	ND (<0.097)	ND (<0.11)	ND (<0.097)	ND (<0.096)	ND (<0.11)	ND (<0.099)	0.92	ND (<0.096)	ND (<0.10)	ND (<5.0)	ND (<25)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Fluoranthene	µg/L	50	ND (<0.47)	0.52	3.9	0.11	0.17	ND (<0.099)	ND (<0.11)	ND (<0.11)	0.33	0.43	ND (<0.097)	ND (<0.096)	ND (<0.11)	0.72	6.8	0.87	0.73	ND (<5.0)	2.4 J	ND (<5.0)	0.77 J	0.78 J	
Fluorene	µg/L	50	ND (<0.47)	ND (<0.51)	0.51	ND (<0.097)	ND (<0.10)	ND (<0.099)	0.13	ND (<0.11)	ND (<0.097)	ND (<0.11)	0.12	ND (<0.096)	ND (<0.11)	ND (<0.099)	0.21	ND (<0.096)	ND (<0.10)	ND (<5.0)	ND (<25)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<0.47)	ND (<0.51)	1.2	ND (<0.097)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.11)	0.14	0.17	ND (<0.097)	ND (<0.096)	ND (<0.11)	0.20	3.0	0.34	0.34	ND (<5.0)	ND (<25)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Naphthalene	µg/L	10	1.9	ND (<0.51)	0.96	ND (<0.097)	0.15	ND (<0.099)	ND (<0.11)	ND (<0.11)	1.8	ND (<0.11)	0.97	ND (<0.096)	ND (<0.11)	ND (<0.099)	0.15	ND (<0.096)	0.71	ND (<5.0)	ND (<25)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Phenanthrene	µg/L	50	ND (<0.47)	ND (<0.51)	3.5	ND (<0.097)	0.14	ND (<0.099)	ND (<0.11)	ND (<0.11)	0.23	0.34	0.14	ND (<0.096)	ND (<0.11)	0.62	4.7	0.64	0.57	ND (<5.0)	ND (<25)	ND (<5.0)	0.63 J	0.57 J	
Pyrene	µg/L	50	ND (<0.47)	0.64	5.4	0.17	0.24	ND (<0.099)	ND (<0.11)	ND (<0.11)	0.49	0.61	ND (<0.097)	ND (<0.096)	ND (<0.11)	1.0	9.6	1.3	1.1	ND (<5.0)	2.5 J	ND (<5.0)	1.0 J	0.80 J	
Cyanide and Lead																									
Lead	µg/L	25	ND (<10)	ND (<10)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<0.02)	ND (<0.10)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<10)	ND (<10)	ND (<10)	3.9 J	0.0036 J	
Cyanide	mg/L	0.2	ND (<0.01)	ND (<0.01)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	0.011	0.011	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	0.0060 J	0.0060 J	0.0062 J	0.0088 J	ND (<0.010)	

- AWQS = Ambient Water Quality Standards
- B = Present in Associated Blank Sample
- BTEX = Benzene, Ethylbenzene, Toluene and Xylene
- D = Diluted Sample
- E = Result exceeded calibration range
- F1 = MS and/or MSD Recovery outside acceptance limits.
- F2 = MS/MSD RPD above control limits.
- J = Estimated Concentration Value
- mg/L = Milligrams per Liter
- NC = No Criteria
- ND (<#) = Not detected above laboratory reporting limit (indicated by #)
- NS = Not Sampled
- NYSDEC = New York State Department of Environmental Conservation
- PAHs = Polycyclic Aromatic Hydrocarbons
- R = Rejected
- µg/L = Micrograms per Liter
- Bolded** = values indicated exceedance of the NYSDEC AWQS



Table 3
Groundwater Analytical Data
MW-12

CONSTITUENT	UNITS	10/14/15	04/06/16	10/26/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26
MNA/WQ Parameters																							
Acidity (as CaCO ₃)	mg/L	401	415	436	466	366	456	430	416	400	380	365	430	512	356	NS	418	392	436	361	376	354	383
Chloride	mg/L	591	276	556	152	587	345	757	334	490	267	633	381	879	141	NS	805	1,250	467	1,180	673	1,420	471
Ethane	µg/L	ND (<7.5)	ND (<7.5)	0.47J	ND (<0.025)	ND (<0.030)	ND (<0.030)	ND (<0.16)	ND (<1.0)	ND (<1.0)	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.0)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.5)	1.9 J	ND (<7.5)	ND (<7.5)	ND (<7.5)
Ethene	µg/L	ND (<7.0)	ND (<7.0)	ND (<0.035)	ND (<0.035)	ND (<0.10)	ND (<0.10)	ND (<0.032)	ND (<1.0)	ND (<1.0)	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.0)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.0)	1.9 J	ND (<7.0)	ND (<7.0)	ND (<7.0)
Ferrous Iron	mg/L	ND (<0.1)	ND (<0.1)	0.11	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	NS	ND (<0.10)	ND (<0.10)	0.082 J	0.12	ND (<0.10)	ND (<0.10)	ND (<0.10)
Manganese	mg/L	0.039	0.062	0.202	0.0201	0.0399	0.0113	0.0152	0.0153	0.0636	0.0386	0.0074	ND (<0.005)	ND (<0.015)	0.0157	0.272	0.0386	0.0385	0.013	0.12	0.028	0.18	0.22
Methane	µg/L	ND (<4.0)	ND (<4.0)	1.95	0.24J	0.27J	1.0J	0.35J	ND (<2.5)	ND (<2.5)	ND (<0.10)	ND (<5.00)	ND (<5.00)	ND (<2.0)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<4.0)	2.1 J	ND (<4.0)	ND (<4.0)	ND (<4.0)
Nitrate	mg/L	2.5	3.3	2.9	5.1	3.6	0.84	5.6	4.3	ND (<0.10)	5.9	2.5	3	4.4	2.7	3.2	5.3	5.2	0.49	4.6	3.5	1.7	2.8
Nitrogen	mg/L	ND (<0.2)	ND (<0.2)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	5.1	ND (<1.0)	3.9	ND (<0.10)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<0.20)	2.1	0.55	0.49	0.5
Sulfate	mg/L	70.2	93.7	56.0	115	53.7	70.3	66.8	53.9	55.1	77.2	48.3	65.9	64.1	39.9	NS	101	54	109	46.1	77.6	32.5	64.0
Sulfide	mg/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.6	ND (<1.0)	ND (<1.0)	1.0	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)

B = Present In Associated Blank Sample
D = Diluted Sample
J = Estimated Concentration
mg/L = Milligrams per Liter
MNA = Monitored Natural Attenuation
NA = Not Analyzed
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
R = Rejected
µg/L = Micrograms per Liter
WQ = Water Quality



Table 3

Groundwater Analytical Data
MW-13

CONSTITUENT	UNITS	NYSDEC AWQS Values	04/16/15	10/13/15	04/06/16	10/25/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26	
BTEX Compounds																										
Benzene	µg/L	1	17	360	300	348	15.5	363	11.6	32.8	16.9	328	126	268	11.7	187	7.1	113	5.9	171	5.2	130	5.5	91	3.6	
Ethylbenzene	µg/L	5	17	190	270	366	7.4	210	4.8	23.3	12.4	230	85.6	193	4.5	164	5.1	104	1.5	148	2.1	130	2.6	74	ND (<1.0)	
m,p-Xylene	µg/L	5	24	270	360	467	12.1	257	8.6	34.8	16.6	229	89.5	179	8.7	152	5.0	96.2	2.7	122	4.8	98	3.6	57	3.9	
o-Xylene	µg/L	5	16	120	150	203	6.4	117	3.3	18.6	3.7	112	48.6	90.7	5.5	74.2	4.0	53.6	3.6	60.4	5.0	51	3.7	33	5.3	
Toluene	µg/L	5	17	320	410	552	7.6	332	3.9	25.1	11.1	288	95.7	279	5.8	158	3.9	84.2	1.3	133	1.6	120	1.4	57	ND (<1.0)	
PAHs																										
Acenaphthene	µg/L	20	ND (<4.9)	65 E	130	225	0.34	78.4	0.16	4.3	6.9	141	4.6	124	0.35	106	5.6	143	ND (<0.096)	245	0.60 J	180 J	0.52 J	120	1.5 J	
Acenaphthylene	µg/L	NC	ND (<4.9)	77 F2	220	267	1.2	122	0.61	6.4	6.7	57.0	0.78	43.4	0.89	10.5	1.4	68.4	0.14	24.5	ND (<5.0)	ND (<250)	0.52 J	24 J	0.88 J	
Anthracene	µg/L	50	ND (<4.9)	9.2 F1 F2	10	19.2	0.55	7.2	0.25	0.73	0.82	7.3	0.15	5.1	0.33	6.1	0.15	6.7	ND (<0.096)	6.5	0.35 J	ND (<250)	0.30 J	8.6 J	ND (<5.0)	
Benzo(a)anthracene	µg/L	0.002	ND (<0.001)	0.59 F2	ND (<9.7)	6.7	0.93	1.7	0.30	0.22	0.14	0.79	0.18	0.51	0.38	0.98	ND (<0.098)	0.98	ND (<0.096)	0.56	ND (<5.0)	ND (<250)	0.40 J	1.9 J	ND (<5.0)	
Benzo(a)pyrene	µg/L	0.002	ND (<0.001)	ND (<0.49)	ND (<9.7)	6.5	1.0	1.3	0.40	0.20	ND (<0.10)	0.58	0.20	0.31	0.82	0.87	ND (<0.098)	1.1	0.11	0.31	ND (<5.0)	ND (<250)	0.62 J	ND (<25)	ND (<5.0)	
Benzo(b)fluoranthene	µg/L	0.002	ND (<0.001)	ND (<0.49)	ND (<9.7)	6.2	1.2	1.6	0.47	0.22	0.15	0.49	0.17	0.27	0.83	0.87	ND (<0.098)	1.2	0.19	0.33	ND (<5.0)	ND (<250)	0.54 J	ND (<25)	ND (<5.0)	
Benzo(g,h,i)perylene	µg/L	NC	ND (<0.001)	ND (<0.49)	ND (<9.7)	3.3	0.55	ND (<0.96)	0.21	ND (<0.099)	ND (<0.10)	0.23	ND (<0.10)	0.13	0.45	0.42	ND (<0.098)	0.59	ND (<0.096)	0.11	ND (<5.0)	ND (<250)	0.40 J	ND (<25)	ND (<5.0)	
Benzo(k)fluoranthene	µg/L	0.002	ND (<0.001)	ND (<0.49)	ND (<9.7)	2.5	1.1	1.3	0.35	0.20	0.11	0.21	ND (<0.10)	0.11	0.79	0.84	ND (<0.098)	1.1	ND (<0.096)	0.27	ND (<5.0)	ND (<250)	ND (<5.0)	ND (<5.0)	ND (<5.0)	
Chrysene	µg/L	0.002	ND (<0.001)	0.50 F1 F2	ND (<9.7)	6.1	0.81	1.3	0.22	0.20	ND (<0.10)	0.64	0.13	0.39	0.34	0.62	ND (<0.098)	0.75	ND (<0.096)	0.34	ND (<5.0)	ND (<250)	0.38 J	ND (<25)	ND (<5.0)	
Dibenz(a,h)anthracene	µg/L	NC	ND (<0.001)	ND (<0.49)	ND (<9.7)	0.85	0.13	ND (<0.96)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	0.11	ND (<0.11)	ND (<0.098)	0.16	ND (<0.096)	ND (<0.099)	ND (<5.0)	ND (<250)	ND (<5.0)	ND (<25)	ND (<5.0)	
Fluoranthene	µg/L	50	ND (<4.9)	5.5 F2	ND (<9.7)	17.8	1.9	5.4	0.51	0.77	0.66	4.6	1.3	4.0	0.58	4.4	0.27	5.4	ND (<0.096)	4.7	ND (<5.0)	ND (<250)	0.67 J	7.4 J	ND (<5.0)	
Fluorene	µg/L	50	ND (<4.9)	43 F1 F2	55	74.8	0.46	37.9	0.19	2.6	3.7	45.7	0.16	33.2	0.27	42.5	0.89	44.5	ND (<0.096)	50.8	ND (<5.0)	50 J	ND (<5.0)	45	0.69 J	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<0.001)	ND (<0.49)	ND (<9.7)	2.7	0.42	ND (<0.96)	0.17	ND (<0.099)	ND (<0.10)	0.19	ND (<0.10)	0.11	0.34	0.34	ND (<0.098)	0.49	ND (<0.096)	0.10	ND (<5.0)	ND (<250)	ND (<5.0)	ND (<25)	ND (<5.0)	
Naphthalene	µg/L	10	ND (<4.9)	350 E	170	5560	0.96	1880	0.45	0.31	0.14	9.700	0.19	2.190	0.76	1.5	0.16	586	ND (<0.098)	521	ND (<5.0)	1700	ND (<5.0)	340	3.1 J	
Phenanthrene	µg/L	50	ND (<4.9)	31 F1	ND (<9.7)	78.3	1.5	32.8	0.60	0.37	2.40	39.8	0.14	31	0.76	24.0	ND (<0.098)	17.2	ND (<0.096)	39.7	ND (<5.0)	36 J	0.87 J	38	0.80 J	
Pyrene	µg/L	50	ND (<4.9)	5.8 F2	ND (<9.7)	ND (<52.1)	1.7	6.0	0.54	0.78	0.63	4.8	0.86	4.1	0.71	4.6	0.13	5.6	ND (<0.096)	4.7	ND (<5.0)	ND (<250)	0.81 J	7.7 J	ND (<5.0)	
Cyanide and Lead																										
Lead	µg/L	25	ND (<4.9)	ND (<10)	ND (<10)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<20)	ND (<10.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	
Cyanide	mg/L	0.2	0.11	0.22 F1	0.29	0.23	0.070	0.20	0.062	0.10	0.09	0.16	0.11	0.16	0.050	0.095	0.096	0.14	0.046	0.100	0.060	0.10	0.045	0.11	0.022	

AWQS = Ambient Water Quality Standards
B = Present in Associated Blank Sample
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
D = Diluted Sample
E = Result exceeded calibration range
F1 = MS and/or MSD Recovery outside acceptance limits.
F2 = MS/MSD RPD above control
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
R = Rejected
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS



Table 3
Groundwater Analytical Data
MW-13

CONSTITUENT	UNITS	10/13/15	04/06/16	10/25/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26
MNA/WQ Parameters																							
Alkalinity (as CaCO ₃)	mg/L	283 F1	311	364	234	308	226	280	230	380	268	320	232	350	304	350	297	336	264	412	276	370	238
Chloride	mg/L	11.2	9.8	11.4	3.4	7.6	92.7	31.6	8.4	19.5	9.3	6.9	11.5	8.4	ND (<3.0)	6.7	15.8	8.3	4.6	12.6	2.1	10.7	44.8
Ethane	µg/L	ND (<7.5)	ND (<7.5)	1.2	ND (<0.025)	0.88J	ND (<0.030)	0.22J	0.11 J	0.74 J	ND (<1.00)	ND (<5.0)	ND (<5.00)	ND (<2.0)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.5)	40 J	ND (<7.5)	ND (<7.5)	ND (<7.5)
Ethene	µg/L	ND (<7.0)	ND (<7.5)	3.3	ND (<0.035)	2.3	ND (<0.10)	0.46J	0.19 J	2.1	ND (<1.00)	2.34 J	ND (<5.00)	1.26 J	ND (<1.00)	NS	ND (<1.00)	1.02	ND (<7.0)	43 J	ND (<7.0)	ND (<7.0)	ND (<7.0)
Ferrous Iron	mg/L	ND (<0.1)	ND (<1.0)	0.16	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	0.15	ND (<0.10)	ND (<0.10)	0.13	ND (<0.10)	ND (<0.10)	ND (<0.10)	0.11	0.081 J	0.19	ND (<0.10)	0.16	ND (<0.10)
Manganese	mg/L	0.064	ND (<7.5)	0.0938	0.0417	0.0705	0.0570	0.0619	0.0298	0.0710	0.0446	0.0709	0.0601	0.0859	0.034	0.062	0.0202	0.0822	0.013	0.072	0.029	0.056	0.015
Methane	µg/L	110	50	280	0.34J	190	12	73	41	250	84.7	218	ND (<5.00)	111	25.5	NS	10.9	169	32	300	70	320	10
Nitrate	mg/L	ND (<0.05)	0.05	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<1.0)	ND (<1.0)	ND (<0.50)	ND (<1.0)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	0.025 J	ND (<0.050)	ND (<0.050)	ND (<0.050)	0.11
Nitrogen	mg/L	1.4	1.2	1.3	ND (<1.0)	2.1	ND (<1.0)	4.5	ND (<0.10)	ND (<0.10)	ND (<1.0)	ND (<1.0)	2.3	ND (<1.0)	ND (<100)	ND (<1.0)	ND (<1.0)	1.1	0.25	0.40	0.40	0.59	0.29
Sulfate	mg/L	ND (<5.0)	ND (<5.0)	18.3	16.0	42.3	20.4	26.6	26.1	23.4	10.8	17.3	32.1	8.6	25.1	8.4	13.4	3.4	174.0	ND (<5.0)	15.3	2.4 J	10.8
Sulfide	mg/L	ND (<1.0)	1	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.6	1.0	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)

B = Present in Associated Blank Sample
D = Diluted Sample
J = Estimated Concentration
mg/L = Milligrams per Liter
MNA = Monitored Natural Attenuation
NA = Not Analyzed
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
R = Rejected
µg/L = Micrograms per Liter
WQ = Water Quality

Table 3

AWQS	• Ambient Water Quality Standards
B	• Present in Associated Billed Sample
BTEX	• Benzene, Ethylbenzene, Toluene and Xylene
D	• Diluted Sample
E	• Result exceeded calibration range
MS	• MS and MSDI Reporting outside acceptance limits
F2	• MS/MSD RPO above control limits
F	• Estimated Concentration Value
mg/L	• Milligrams per Liter
NC	• No Criteria
ND (<#)	• Not detected above laboratory reporting limit (indicated by #)
N	• Not Sampled
NYSDEC	• New York State Department of Environmental Conservation
PAHs	• Polycyclic Aromatic Hydrocarbons
R	• Rejected
ug/L	• Micrograms per Liter
Below	• Value indicated exceeds the NYSDEC AWQS



Table 3
Groundwater Analytical Data
MW-14

CONSTITUENT	UNITS	10/13/14	04/06/16	10/25/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26
MNAWQ Parameters																							
Alkalinity (as CaCO3)	mg/L	445	507	520	380	404	392	450	384	380	342	400	364	392	392	NS	310	384	328	415	328	446	301
Chloride	mg/L	10.7	27.4	18.0	3.5	6.6	ND (<3.0)	3.2	3.5	ND (<3.0)	ND (<3.0)	6.7	6.9	4.5	ND (<3.0)	NS	3.4	5.2	2.8	25.4	4.6	15.3	4.7
Ethane	µg/L	ND (<7.5)	ND (<7.5)	0.172	ND (<0.025)	0.131	ND (<0.030)	ND (<0.16)	ND (<1.0)	ND (<1.0)	1.57	ND (<5.00)	ND (<5.00)	ND (<2.0)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.5)	2.4 J	ND (<7.5)	ND (<7.5)	ND (<7.5)
Ethane	µg/L	ND (<7.0)	ND (<7.5)	ND (<0.035)	ND (<0.035)	ND (<0.10)	ND (<0.10)	ND (<0.032)	ND (<1.0)	ND (<1.0)	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.0)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.0)	1.5 J	ND (<7.0)	ND (<7.0)	ND (<7.0)
Ferrous Iron	mg/L	ND (<0.1)	0.11	0.55	0.22	0.93	0.47	0.30	0.39	0.12	1.90	2.1	0.44	1.4	0.38	NS	0.177	1.4	0.97	2.8	0.16	ND (<0.10)	ND (<0.10)
Manganese	mg/L	0.011	ND (<7.5)	0.768	0.0262	0.416	0.201	0.0121	0.0208	0.051	3.79	0.940	0.268	4.29	0.203	0.0845	1.0	0.116	0.57	0.96	0.29	1.1	0.1
Methane	µg/L	ND (<4.0)	31	140	19	120	1.7J	1.4J	ND (<2.5)	19	1,020	ND (<5.00)	6.54	4.01 J	6.99	NS	7.40	13.3	5.6	400	4.0	640	3.0 J
Nitrate	mg/L	0.16	ND (<0.05)	ND (<0.10)	0.29	ND (<0.10)	ND (<0.10)	0.59	0.4	ND (<1.0)	ND (<1.0)	ND (<0.50)	0.6	0.28	0.21	ND (<0.10)	0.36	0.21	0.033 J	ND (<0.050)	0.36	0.027 J	0.62
Nitrogen	mg/L	0.72	1	1.2	ND (<1.0)	ND (<1.0)	1.0	ND (<1.0)	ND (<1.0)	ND (<1.0)	4.2	3.6	1.0	1.8	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.5	0.84	1.4	0.56	1.80	0.31
Sulfate	mg/L	ND (<5.0)	324	153	12.5	52.4	15.2	20.3	ND (<10)	17.7	11.2	102.0	15.1	14.5	25.9	NS	10.6	17.1	ND (<5.0)	155	18.9	159.0	11.8
Sulfide	mg/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.4	1.0	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)

B = Present In Associated Blank Sample
D = Diluted Sample
J = Estimated Concentration
mg/L = Milligrams per Liter
MNA = Monitored Natural Attenuation
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µg/L = Micrograms per Liter
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Table 3

AWQS	= Ambient Water Quality Standards
B	= Present in Associated Blank Sample
BTEX	= Benzene, Ethylbenzene, Toluene and Xylene
D	= Diluted Sample
E	= Result exceeded calibration range
F1	= MS and/or MSD Recovery outside acceptance limits.
F2	= MS/MSD RPD above control limits.
J	= Estimated Concentration Value
mg/L	= Milligrams per Liter
NC	= No Criteria
ND (<#)	= Not detected above laboratory reporting limit (indicated by #)
NS	= Not Sampled
NYSDCE	= New York State Department of Environmental Conservation
PAHs	= Polycyclic Aromatic Hydrocarbons
R	= Rejected
µg/L	= Micrograms per Liter
Bolded	= values indicated exceedance of the NYSDCE AWQS



Table 3
Groundwater Analytical Data
MW-15

CONSTITUENT	UNITS	04/16/15	10/13/15	04/06/16	10/25/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26
MNA/WQ Parameters																								
Alkalinity (as CaCO3)	mg/L	480	600	601	676	562	610	616	600	478	590	446	550	534	480	478	600	492	532	405	576	468	632	456
Chloride	mg/L	14.2	49.3	55.7	65.4	25.7	58.0	15.2	15.2	43.9	38	20.3	37.4	24.6	14.0	14.9	82.6	29.1	29.2	2.9	48.1	14.3	67.5	7.7
Ethane	µg/L	ND (<380)	ND (<380)	ND (<75)	6.2	3.2	5.1	2.8	2.1	3.4	5.1	ND (<1.00)	3.53 J	ND (<5.00)	ND (<2.0)	2.02	NS	1.96 J	ND (<10.0)	ND (<7.5)	6.7 J	ND (<170)	3.6 J	2.0 J
Ethene	µg/L	ND (<350)	ND (<350)	ND (<75)	0.038J	0.037J	ND (<0.10)	ND (<0.10)	0.042J	ND (<1.0)	ND (<1.0)	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.0)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.0)	2.1 J	ND (<150)	ND (<7.0)	ND (<7.0)
Ferrous Iron	mg/L	ND (<0.1)	0.15 HF	ND (<0.1)	8.2	3.0	5.8	3.8	9.2	2.5	3.2	4.2	6.0	8.7	14.8	3.0	7.9	10.7	9.5	0.67	0.52	0.35	0.090 J	ND (<0.10)
Manganese	mg/L	0.68	0.7	ND (<75)	0.609	0.0639	0.735	0.484	1.56	0.775	0.952	0.312	0.685	0.894	1.27	1.03	0.508	0.724	0.818	0.96	0.60	0.78	0.37	0.75
Methane	µg/L	16	1,600	720	3,400	1,900	2,900	640	3,100	1,400	3,600	416	2,400	348	1,020	2,650	NS	1,190	3,250	1,100	4,700	4,100	2,200	2,000
Nitrate	mg/L	0.28	ND (<0.05)	ND (<0.5)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.50)	ND (<0.10)	ND (<0.20)	ND (<2.0)	ND (<0.50)	0.11	ND (<0.10)	0.020 J	ND (<0.050)	0.020 J	0.020 J	ND (<0.050)
Nitrogen	mg/L	0.81	3.9	3.4	4.7	2.0	4.4	3.1	1.9	1.4	3.1	1.9	2.0	2.2	1.8	1.9	4.5	1.7	2.6	1.0	2.9	1.3	3.8	1.0
Sulfate	mg/L	28.7	78.5	116	67.9	17.7	60.6	39.0	28.4	25.1	65.9	31.9	71.0	46.8	1.8	24.4	122	39.0	57.2	32.1	61.5	30.6	107	21.2
Sulfide	mg/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.6	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)

B = Present in Associated Blank Sample
D = Diluted Sample
J = Estimated Concentration
mg/L = Milligrams per Liter
MNA = Monitored Natural Attenuation
NA = Not Analyzed
ND (-#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
R = Rejected
µg/L = Micrograms per Liter
WQ = Water Quality

Table 3

BTXEC Compounds		Concentration (µg/L)																							
Benzene	µg/L	1	91	40	76	149	5.9	143	80.6	127	126	143	56.6	130	15.0	97.6	9.1	59.3	12.4	89.6	6.6	82	8.6	79	4.1
Ethylbenzene	µg/L	5	66	26	35	35	3.4	124	60.8	101	91.5	118	38.1	70.4	2.9	65.5	3.8	48.8	5.6	60.6	1.9	67	1.9	36	ND (<1.0)
m-Xylene	µg/L	5	ND (<1.0)	4.9	5	4.9	ND (<2.0)	3.3	6.6	8.7	3.6	3.3	3.9	2.8	ND (<2.0)	4.1	ND (<2.0)	3.0	ND (<2.0)	5.4	ND (<2.0)	3.9	3.1	ND (<2.0)	ND (<1.0)
p-Xylene	µg/L	5	24	11	20	32.1	1.6	38.0	21.3	32.8	31.4	34.6	12.8	22.3	6.1	21.5	3.1	12.6	2.2	20.6	1.0	20	2.0	14	0.92
Toluene	µg/L	5	ND (<1.0)	1.4	ND (<2.0)	2.9	ND (<1.0)	3.8	2.1	3.8	3.7	4.5	1.5	3.0	ND (<1.0)	2.9	1.6	2.1	ND (<1.0)	3.4	ND (<1.0)	3.3	ND (<1.0)	2.3	ND (<1.0)
PAHs																									
Acenaphthene	µg/L	20	27	14	31	54.7	3.0	39.5	39.1	57.8	45.2	53.3	14.6	47.0	9.9	55.1	10.6	48.1	12.7	53.5	18.0	60	7.3	57	3.3
Acenaphthylene	µg/L	NC	25	16	27	47.3	1.9	26.2	24.4	30.6	17.6	21.4	5.9	16.0	3.2	19.4	4.9	19.1	4.7	19.5	5.2	13	1.6	15	0.81
Anthracene	µg/L	50	1.8	1.2	ND (<2.5)	1.4	0.37	2.2	1.7	2.6	1.8	2.4	0.74	1.7	0.47	2.3	0.48	1.7	0.60	2.3	0.63	2.1	0.32	2.1	ND (<1.0)
Benzofluoranthene	µg/L	0.002	ND (<0.50)	ND (<0.50)	ND (<2.5)	0.19	0.11	0.13	0.12	0.11	0.13	ND (<0.10)	0.23	ND (<0.098)	0.12	ND (<0.098)	0.19	ND (<0.098)	0.19	ND (<0.098)	0.19	ND (<0.50)	ND (<5.2)	ND (<5.0)	ND (<5.0)
Benzofluoranthene	µg/L	0.002	ND (<0.50)	ND (<0.50)	ND (<2.5)	0.11	ND (<0.098)	ND (<0.098)	ND (<0.098)	ND (<0.11)	ND (<0.11)	0.13	ND (<0.10)	0.21	ND (<0.098)	0.19	ND (<0.098)	0.19	ND (<0.10)	0.19	ND (<0.10)	ND (<0.50)	ND (<5.2)	ND (<5.0)	ND (<5.0)
Benzofluoranthene	µg/L	0.002	ND (<0.50)	ND (<0.50)	ND (<2.5)	0.11	ND (<0.098)	ND (<0.098)	ND (<0.098)	ND (<0.11)	ND (<0.11)	0.13	ND (<0.10)	0.21	ND (<0.098)	0.19	ND (<0.098)	0.19	ND (<0.10)	0.19	ND (<0.10)	ND (<0.50)	ND (<5.2)	ND (<5.0)	ND (<5.0)
Benzofluoranthene	µg/L	0.002	ND (<0.50)	ND (<0.50)	ND (<2.5)	0.11	ND (<0.098)	ND (<0.098)	ND (<0.098)	ND (<0.11)	ND (<0.11)	0.13	ND (<0.10)	0.21	ND (<0.098)	0.19	ND (<0.098)	0.19	ND (<0.10)	0.19	ND (<0.10)	ND (<0.50)	ND (<5.2)	ND (<5.0)	ND (<5.0)
Benzofluoranthene	µg/L	0.002	ND (<0.50)	ND (<0.50)	ND (<2.5)	0.11	ND (<0.098)	ND (<0.098)	ND (<0.098)	ND (<0.11)	ND (<0.11)	0.13	ND (<0.10)	0.21	ND (<0.098)	0.19	ND (<0.098)	0.19	ND (<0.10)	0.19	ND (<0.10)	ND (<0.50)	ND (<5.2)	ND (<5.0)	ND (<5.0)
Benzofluoranthene	µg/L	0.002	ND (<0.50)	ND (<0.50)	ND (<2.5)	0.11	ND (<0.098)	ND (<0.098)	ND (<0.098)	ND (<0.11)	ND (<0.11)	0.13	ND (<0.10)	0.21	ND (<0.098)	0.19	ND (<0.098)	0.19	ND (<0.10)	0.19	ND (<0.10)	ND (<0.50)	ND (<5.2)	ND (<5.0)	ND (<5.



Table 3
Groundwater Analytical Data
MW-16

CONSTITUENT	UNITS	04/16/15	10/13/15	04/06/16	10/25/16	04/26/17	10/11/17	04/26/18	10/16/18	04/18/19	10/16/19	05/20/20	10/07/20	04/14/21	10/06/21	04/13/22	10/06/22	04/19/23	10/11/23	04/16/24	10/17/24	04/16/25	10/08/25	04/08/26
MNA/WQ Parameters																								
Alkalinity (as CaCO3)	mg/L	532	638	615	636	706	630	724	740	560	650	156	670	680	760	546	674	450	674	616	701	591	726	512
Chloride	mg/L	5.8	4.9	5.7	6.8	3.4	6.5	5.6	4.8	11.8	4.8	3.6	5.2	3.6	3.8	ND (<3.0)	5.7	ND (<3.0)	5.7	3.6	5.4	3.4	5.2	4.2
Ethane	µg/L	ND (<75)	ND (<75)	ND (<75)	1.2	0.15J	0.84J	0.82J	0.99J	0.92 J	1.1	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.0)	ND (<1.00)	NS	ND (<1.00)	ND (<5.00)	ND (<7.5)	44 J	ND (<7.5)	ND (<7.5)	ND (<7.5)
Ethene	µg/L	ND (<70)	ND (<70)	ND (<75)	0.24J	0.036J	0.16J	0.13J	0.17J	0.15 J	0.20 J	ND (<1.00)	ND (<5.00)	ND (<5.00)	ND (<2.0)	ND (<1.00)	NS	ND (<1.00)	ND (<1.00)	ND (<7.0)	42 J	ND (<7.0)	ND (<7.0)	ND (<7.0)
Ferrous Iron	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)	2.4	1.2	3.0	3.5	3.1	2.6	1.9	2.6	3.0	0.79	4.7	3.6	7.4	0.30	9.0	0.9	1.5	0.15	0.19	ND (<0.10)
Manganese	mg/L	0.42	0.33	ND (<75)	0.601	0.522	0.599	0.551	0.592	0.603	0.658	0.373	0.650	0.373	0.646	0.275	0.553	0.125	0.634	0.19	0.57	0.10	0.63	0.04
Methane	µg/L	160	1100	110	900	180	780	820	830	850	1100	4.95 J	488	ND (<5.00)	500	173	NS	22.1	641	330	1,200	230	1,100	120
Nitrate	mg/L	ND (<0.05)	0.37	0.074	ND (<0.10)	0.33	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<1.0)	ND (<1.0)	ND (<0.10)	ND (<1.0)	ND (<1.0)	ND (<0.50)	0.79	ND (<0.10)	0.32	0.023 J	0.75	0.081	1.9
Nitrogen	mg/L	2.1	1.9	2.6	5.4	2.4	3.2	2.3	3.2	3.4	3.9	2	2.8	2.4	3.9	2.2	3.7	1.0	3.9	1.1	2.2	0.91	3.4	0.6
Sulfate	mg/L	38.2	22.8	13.3	145	37.8	77.7	111	75.8	79.6	67.7	39	95.7	37.5	56.8	25.9	36.2	28.5	30.2	8.6	30.0	39.9	29.4	36.3
Sulfide	mg/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.9	ND (<1.0)	1.9	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)

B = Present in Associated Blank Sample
D = Diluted Sample
J = Estimated Concentration
mg/L = Milligrams per Liter
MNA = Monitored Natural Attenuation
NA = Not Analyzed
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
R = Rejected
µg/L = Micrograms per Liter
WQ = Water Quality



Appendix A – Field Data

Well ID	Sample?	Well Size?	DTW	DTP	DTB	Comments
RW-1	No	2"	9.03		21.57	
MW-4	Yes	2"	22.50		27.40	
MW-7	Yes	2"	14.00		22.50	
MW-10	Yes	2"	14.16		21.97	
MW-11	Yes	2"	13.24		23.07	
MW-12	Yes	2"	13.94		22.27	
MW-13	Yes	2"	16.65		23.10	MS/MSD
MW-14	Yes	2"	13.50		23.60	Field Duplicate
MW-15	Yes	2"	18.41		26.30	
MW-16	Yes	2"	9.09		19.50	
Gauge-1 (bridge)	No		15.70		19.76	

DTW-depth to water

DTP-depth to product

DTB-depth to bottom

All from top of casing

National Grid
109 North Market Street, Johnstown New York

Sampling Personnel: KL
Job Number: 0603500-120950-221
Well Id. **MW-4**

Date: 4/8/20
Weather: Sunny 2k
Time In: 08:40 Time Out: 09:00

Well Information		
	TOC	Other
Depth to Water: (feet)	<u>22.50</u>	<u>22.50</u>
Depth to Bottom: (feet)	27.40	
Depth to Product: (feet)		
Length of Water Column: (feet)	<u>4.9</u>	
Volume of Water in Well: (gal)	<u>0.627</u>	<u>0.784</u>
Three Well Volumes: (gal)	<u>1.881</u>	<u>2.352</u>

Well Type: ☐ Flushmount: ☐ Stick-Up: ☒
Well Locked: ☐ Yes ☒ No ☐
Measuring Point Marked: ☐ Yes ☒ No ☐
Well Material: ☒ PVC ☐ SS ☐ Other: ☐
Well Diameter: ☐ 1" ☒ 2" ☐ Other: ☐
Comments: ☐

Purging Information		
Purging Method:	Bailer ☐	Peristaltic ☐
Tubing/Bailer Material:	Teflon ☐	Stainless St. ☐
Sampling Method:	Bailer ☐	Peristaltic ☐
Average Pumping Rate: (ml/min)	<u>200</u>	
Duration of Pumping: (min)	<u>30</u>	
Total Volume Removed: (gal)	<u>2</u>	
Did well go dry? Yes ☐ No ☒		
Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐		

Conversion Factors				
	1" ID	2" ID	4" ID	6" ID
gal/ft. of water	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=133cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
08:05	22.80	6.35	7.03	131	1.45	54.4	4.95	0.926
08:10	22.80	7.44	7.02	148	1.42	36.5	4.91	0.912
08:15	22.80	7.98	7.06	153	1.42	26.4	4.93	0.909
08:20	22.80	7.94	7.06	155	1.41	11.5	4.71	0.884
08:25	22.80	7.92	7.06	155	1.41	10.3	4.72	0.902
08:30	22.80	7.87	7.07	158	1.34	4.6	5.02	0.871
08:35	22.80	7.75	7.07	158	1.34	2.8	4.93	0.868

Sampling Information:						
Quantity	Size	Material	Preservative	Compounds analyzed	Method	
2	250 mL	Glass	Unpreserved	SVOC PAH's	EPA SW-846 Method 8270	
1	125 mL	Plastic	Unpreserved	Ferrous Iron	SM 3500 FE D	
2	125 mL	Plastic	Unpreserved	Chloride, Nitrate, Calc- Nitrogen, Nitrate	SM 4500 Cl E	
				Nitrite-Nitrite as N	EPA Method 353.2	
				Sulfate	D516	
1	125 mL	Plastic	H2SO4	Nitrate Nitrite as N	EPA Method 353.2	
				Total Kjeldahl Nitrogen	EPA Method 351.2	
1	250 mL	Plastic	HNO3	Lead & Manganese	EPA Method 6010	
3	40 mL	Glass	HCl	VOC's & BTEX	EPA SW-846 Method 8260	
1	125 mL	Plastic	NaOH	Total Cyanide	EPA Method 9012B	
1	250 mL	Plastic	NaOH & Zinc Acetate	Sulfide	SM 4500 S2 F	
1	125 mL	Plastic	Unpreserved	Alkalinity	2320B	
3	40 mL	Glass	Unpreserved	Carbon Dioxide	RSK_175_CO2	
3	40 mL	Glass	HCl	Methane/Ethane/Ethene	RSK_175	

Sample ID: **MW-4** Duplicate? Yes ☐ No ☒
Sample Time: 08:35 MS/MSD? Yes ☐ No ☒
Shipped: Syracuse Service Center ☐
Fed-Ex ☐ Courier ☐
Laboratory: Eurofins
Amherst, New York

National Grid
109 North Market Street, Johnstown New York

Sampling Personnel: Pete Lyon

Job Number: 0603500-120950-221

Well Id. **MW-7**

Date: 4/8/26

Weather: Sunny

Time In: 0809

Time Out: 0850

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>14.00</u>	
Depth to Bottom:	(feet)	<u>22.50</u>	
Depth to Product:	(feet)	<u>-</u>	
Length of Water Column:	(feet)	<u>8.5</u>	
Volume of Water in Well:	(gal)	<u>1.36</u>	
Three Well Volumes:	(gal)	<u>4.08</u>	

Well Type: Flushmount ☐ Stick-Up ☒
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other: ☐
Well Diameter: 1" ☐ 2" ☒ Other: ☐
Comments:

Purging Information

Purging Method: ☐ Bailer ☐ Peristaltic ☐ Well Wizard Dedicated Pump ☒
Tubing/Bailer Material: Teflon ☐ Stainless St. ☐ Polyethylene ☒ other ☐
Sampling Method: Bailer ☐ Peristaltic ☐ Well Wizard Dedicated Pump ☒
Average Pumping Rate: (ml/min) 300
Duration of Pumping: (min) 30
Total Volume Removed: (gal) 2 Did well go dry? Yes ☐ No ☒

Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐

Conversion Factors

	1" ID	2" ID	4" ID	6" ID
gal/ft. of water	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=133.7cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>0815</u>	<u>14.80</u>	<u>7.87</u>	<u>7.23</u>	<u>46</u>	<u>1.17</u>	<u>216</u>	<u>3.40</u>	<u>0.747</u>
<u>0820</u>	<u>14.80</u>	<u>7.97</u>	<u>7.18</u>	<u>-16</u>	<u>1.16</u>	<u>211</u>	<u>2.99</u>	<u>0.744</u>
<u>0825</u>	<u>14.98</u>	<u>8.16</u>	<u>7.10</u>	<u>-47</u>	<u>1.15</u>	<u>178</u>	<u>1.43</u>	<u>0.739</u>
<u>0830</u>	<u>15.08</u>	<u>8.18</u>	<u>7.02</u>	<u>-59</u>	<u>1.15</u>	<u>119</u>	<u>1.05</u>	<u>0.736</u>
<u>0835</u>	<u>15.27</u>	<u>8.24</u>	<u>6.97</u>	<u>-69</u>	<u>1.15</u>	<u>86.9</u>	<u>0.82</u>	<u>0.736</u>
<u>0840</u>	<u>15.63</u>	<u>8.25</u>	<u>6.95</u>	<u>-78</u>	<u>1.15</u>	<u>74.6</u>	<u>0.73</u>	<u>0.736</u>
<u>0845</u>	<u>15.82</u>	<u>8.65</u>	<u>6.92</u>	<u>-76</u>	<u>1.16</u>	<u>43.9</u>	<u>1.43</u>	<u>0.740</u>

Sampling Information:

Quantity	Size	Material	Preservative	Compounds analyzed	Method
2	250 mL	Glass	Unpreserved	SVOC PAH's	EPA SW-846 Method 8270
1	125 mL	Plastic	Unpreserved	Ferrous Iron	SM 3500 FE D
2	125 mL	Plastic	Unpreserved	Chloride, Nitrate Calc- Nitrogen, Nitrate	SM 4500 Cl E
				Nitrite-Nitrite as N	EPA Method 353.2
				Sulfate	D516
1	125 mL	Plastic	H2SO4	Nitrate Nitrite as N	EPA Method 353.2
				Total Kjeldahl Nitrogen	EPA Method 351.2
1	250 mL	Plastic	HNO3	Lead & Manganese	EPA Method 6010
3	40 mL	Glass	HCl	VOC's & BTEX	EPA SW-846 Method 8260
1	125 mL	Plastic	NaOH	Total Cyanide	EPA Method 9012B
1	250 mL	Plastic	NaOH & Zinc Acetate	Sulfide	SM 4500 S2 F
1	125 mL	Plastic	Unpreserved	Alkalinity	2320B
3	40 mL	Glass	Unpreserved	Carbon Dioxide	RSK_175_CO2
3	40 mL	Glass	HCl	Methane/Ethane/Ethene	RSK_175

Sample ID: **MW-7**

Sample Time: 0845

Duplicate? Yes ☐ No ☒

MS/MSD? Yes ☐ No ☒

Shipped:

Syracuse Service Center

Fed-Ex ☐

Courier ☐

Laboratory:

Eurofins

Amherst, New York

National Grid
109 North Market Street, Johnstown New York

Sampling Personnel: Peter Lyon

Job Number: 0603500-120950-221

Well Id. **MW-10**

Date: 4/8/26

Weather: 30° Sunny

Time In: 0907

Time Out: 0945

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>14.16</u>	
Depth to Bottom:	(feet)	<u>21.97</u>	
Depth to Product:	(feet)	<u>-</u>	
Length of Water Column:	(feet)	<u>7.81</u>	
Volume of Water in Well:	(gal)	<u>1.24</u>	
Three Well Volumes:	(gal)	<u>3.74</u>	

Well Type: Flushmount ☐ Stick-Up ☒
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other: ☐
Well Diameter: 1" ☐ 2" ☒ Other: ☐
Comments: ☐

Purging Information

Purging Method: ☐ Bailer ☐ Peristaltic ☐ Well Wizard Dedicated Pump ☒
Tubing/Bailer Material: Teflon ☐ Stainless St. ☐ Polyethylene ☒ other ☐
Sampling Method: Bailer ☐ Peristaltic ☐ Well Wizard Dedicated Pump ☒
Average Pumping Rate: (ml/min) 20
Duration of Pumping: (min) 30
Total Volume Removed: (gal) 2 Did well go dry? Yes ☐ No ☒

Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐

Conversion Factors				
	1" ID	2" ID	4" ID	6" ID
gal/ft. of water	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=133.7cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>0910</u>	<u>14.52</u>	<u>6.70</u>	<u>6.38</u>	<u>-85</u>	<u>2.59</u>	<u>34.7</u>	<u>5.51</u>	<u>1.67</u>
<u>0915</u>	<u>14.91</u>	<u>7.13</u>	<u>6.60</u>	<u>-112</u>	<u>3.10</u>	<u>33.1</u>	<u>4.43</u>	<u>1.99</u>
<u>0920</u>	<u>15.11</u>	<u>7.02</u>	<u>6.70</u>	<u>-105</u>	<u>3.18</u>	<u>25.6</u>	<u>1.71</u>	<u>2.04</u>
<u>0925</u>	<u>15.34</u>	<u>6.91</u>	<u>6.75</u>	<u>-106</u>	<u>3.19</u>	<u>25.7</u>	<u>0.99</u>	<u>2.04</u>
<u>0930</u>	<u>15.55</u>	<u>6.98</u>	<u>6.77</u>	<u>-108</u>	<u>3.22</u>	<u>13.2</u>	<u>0.25</u>	<u>2.05</u>
<u>0935</u>	<u>16.08</u>	<u>6.96</u>	<u>6.79</u>	<u>-111</u>	<u>3.26</u>	<u>12.5</u>	<u>0.24</u>	<u>2.08</u>
<u>0940</u>	<u>16.86</u>	<u>7.07</u>	<u>6.79</u>	<u>-113</u>	<u>3.33</u>	<u>9.8</u>	<u>0.04</u>	<u>2.13</u>

Sampling Information:

Quantity	Size	Material	Preservative	Compounds analyzed	Method
2	250 mL	Glass	Unpreserved	SVOC PAH's	EPA SW-846 Method 8270
1	125 mL	Plastic	Unpreserved	Ferrous Iron	SM 3500 FE D
2	125 mL	Plastic	Unpreserved	Chloride, Nitrate, Calc- Nitrogen, Nitrate	SM 4500 Cl E
				Nitrite-Nitrite as N	EPA Method 353.2
				Sulfate	D516
1	125 mL	Plastic	H2SO4	Nitrate Nitrite as N	EPA Method 353.2
				Total Kjeldahl Nitrogen	EPA Method 351.2
1	250 mL	Plastic	HNO3	Lead & Manganese	EPA Method 6010
3	40 mL	Glass	HCl	VOC's & BTEX	EPA SW-846 Method 8260
1	125 mL	Plastic	NaOH	Total Cyanide	EPA Method 9012B
1	250 mL	Plastic	NaOH & Zinc Acetate	Sulfide	SM 4500 S2 F
1	125 mL	Plastic	Unpreserved	Alkalinity	2320B
3	40 mL	Glass	Unpreserved	Carbon Dioxide	RSK_175_CO2
3	40 mL	Glass	HCl	Methane/Ethane/Ethene	RSK_175

Sample ID: **MW-10**

Sample Time: 0940

Duplicate? Yes ☐ No ☒

MS/MSD? Yes ☐ No ☒

Shipped:

Syracuse Service Center ☐

Fed-Ex ☐ Courier ☐

Laboratory:

Eurofins

Amherst, New York

National Grid
109 North Market Street, Johnstown New York

Sampling Personnel: JK
Job Number: 0603500-120950-221
Well Id. **MW-11**

Date: 4/8/26
Weather: Sunny 27
Time In: 09:00 Time Out: 10:00

Well Information		
	TOC	Other
Depth to Water: (feet)	<u>13.24</u>	
Depth to Bottom: (feet)	<u>23.07</u>	
Depth to Product: (feet)		
Length of Water Column: (feet)	<u>98.83</u>	
Volume of Water in Well: (gal)	<u>1.57</u>	
Three Well Volumes: (gal)	<u>4.71</u>	

Well Type: ☐ Flushmount ☐ Stick-Up ☐
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other: ☐
Well Diameter: 1" ☐ 2" ☒ Other: ☐
Comments: ☐

Purging Information																	
Purging Method:	Bailer ☐ Peristaltic ☐ Well Wizard Dedicated Pump ☒	<table border="1"><caption>Conversion Factors</caption><tr><th></th><th>1" ID</th><th>2" ID</th><th>4" ID</th><th>6" ID</th></tr><tr><td>gal/ft. of water</td><td>0.04</td><td>0.16</td><td>0.66</td><td>1.47</td></tr><tr><td colspan="5">1 gallon=3.785L=3785mL=133.7cu. feet</td></tr></table>		1" ID	2" ID	4" ID	6" ID	gal/ft. of water	0.04	0.16	0.66	1.47	1 gallon=3.785L=3785mL=133.7cu. feet				
	1" ID		2" ID	4" ID	6" ID												
gal/ft. of water	0.04		0.16	0.66	1.47												
1 gallon=3.785L=3785mL=133.7cu. feet																	
Tubing/Bailer Material:	Teflon ☐ Stainless St. ☐ Polyethylene ☒ other ☐																
Sampling Method:	Bailer ☐ Peristaltic ☐ Well Wizard Dedicated Pump ☒																
Average Pumping Rate: (ml/min)	<u>200</u>																
Duration of Pumping: (min)	<u>30</u>																
Total Volume Removed: (gal)	<u>2</u>	Did well go dry? Yes ☐ No ☒															
Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐																	

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
09:10	13.30	6.81	6.95	-68	4.94	41.9	2.70	3.19
09:15	13.80	7.44	7.02	-101	4.30	42.0	0.79	2.70
09:20	13.90	7.73	6.96	-86	3.33	19.3	1.18	2.12
09:25	14.09	7.78	6.95	-87	3.49	21.8	1.02	2.25
09:30	14.09	7.89	6.95	-89	3.70	18.9	0.81	2.37
09:35	14.20	7.90	6.95	-91	3.86	17.3	0.61	2.48
09:40	14.20	8.08	6.94	-93	4.03	16.1	0.41	2.59

Sampling Information:						
Quantity	Size	Material	Preservative	Compounds analyzed	Method	
2	250 mL	Glass	Unpreserved	SVOC PAH's	EPA SW-846 Method 8270	
1	125 mL	Plastic	Unpreserved	Ferrous Iron	SM 3500 FE D	
2	125 mL	Plastic	Unpreserved	Chloride, Nitrate, Calc- Nitrogen, Nitrate	SM 4500 Cl E	
				Nitrite-Nitrite as N	EPA Method 353.2	
				Sulfate	D516	
1	125 mL	Plastic	H2SO4	Nitrate Nitrite as N	EPA Method 353.2	
				Total Kjeldahl Nitrogen	EPA Method 351.2	
1	250 mL	Plastic	HNO3	Lead & Manganese	EPA Method 6010	
3	40 mL	Glass	HCl	VOC's & BTEX	EPA SW-846 Method 8260	
1	125 mL	Plastic	NaOH	Total Cyanide	EPA Method 9012B	
1	250 mL	Plastic	NaOH & Zinc Acetate	Sulfide	SM 4500 S2 F	
1	125 mL	Plastic	Unpreserved	Alkalinity	2320B	
3	40 mL	Glass	Unpreserved	Carbon Dioxide	RSK_175_CO2	
3	40 mL	Glass	HCl	Methane/Ethane/Ethene	RSK_175	

Sample ID: **MW-11**
Sample Time: 09:40

Duplicate? Yes ☐ No ☒
MS/MSD? Yes ☐ No ☒

Shipped: Syracuse Service Center ☐
Fed-Ex ☐ Courier ☐
Laboratory: Eurofins
Amherst, New York

National Grid
109 North Market Street, Johnstown New York

Sampling Personnel: Peter Lyon

Job Number: 0603500-120950-221

Well Id. **MW-12**

Date: 4/8/26

Weather: Sunny 30°

Time In: 1003

Time Out: 1040

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>13.94</u>	
Depth to Bottom:	(feet)	<u>22.27</u>	
Depth to Product:	(feet)	<u>-</u>	
Length of Water Column:	(feet)	<u>8.33</u>	
Volume of Water in Well:	(gal)	<u>1.33</u>	
Three Well Volumes:	(gal)	<u>3.99</u>	

Well Type: _____
Well Locked: _____
Measuring Point Marked: _____
Well Material: _____
Well Diameter: _____
Comments: _____

Flushmount: ☒ Yes ☐ No
Stick-Up: ☐ Yes ☒ No
PVC: ☒ 1" ☐ 2" ☐ SS ☐ Other: _____
Other: _____

Purging Information

Purging Method: _____
Tubing/Bailer Material: _____
Sampling Method: _____
Average Pumping Rate: (ml/min) 200
Duration of Pumping: (min) 30
Total Volume Removed: (gal) 2

Bailer: ☐ Peristaltic: ☐ Well Wizard Dedicated Pump: ☒
Teflon: ☐ Stainless St.: ☐ Polyethylene: ☒ other: ☐
Bailer: ☐ Peristaltic: ☐ Well Wizard Dedicated Pump: ☒

Conversion Factors				
	1" ID	2" ID	4" ID	6" ID
gal/ft. of water	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=133.7cu. feet				

Did well go dry? Yes ☐ No ☒

Horiba U-52 Water Quality Meter Used?

Yes ☒ No ☐

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>1005</u>	<u>14.04</u>	<u>8.81</u>	<u>6.87</u>	<u>-35</u>	<u>3.50</u>	<u>90.3</u>	<u>5.13</u>	<u>2.19</u>
<u>1010</u>	<u>14.04</u>	<u>9.51</u>	<u>6.84</u>	<u>45</u>	<u>2.60</u>	<u>73.7</u>	<u>3.94</u>	<u>1.65</u>
<u>1015</u>	<u>14.04</u>	<u>9.77</u>	<u>6.71</u>	<u>93</u>	<u>2.29</u>	<u>35.8</u>	<u>3.94</u>	<u>1.46</u>
<u>1020</u>	<u>14.04</u>	<u>10.05</u>	<u>6.70</u>	<u>103</u>	<u>2.25</u>	<u>26.9</u>	<u>4.07</u>	<u>1.44</u>
<u>1025</u>	<u>14.04</u>	<u>10.13</u>	<u>6.66</u>	<u>116</u>	<u>2.25</u>	<u>21.8</u>	<u>3.97</u>	<u>1.44</u>
<u>1030</u>	<u>14.04</u>	<u>10.26</u>	<u>6.65</u>	<u>125</u>	<u>2.27</u>	<u>16.3</u>	<u>3.99</u>	<u>1.45</u>
<u>1035</u>	<u>14.04</u>	<u>10.33</u>	<u>6.64</u>	<u>130</u>	<u>2.27</u>	<u>9.8</u>	<u>4.16</u>	<u>1.45</u>

Sampling Information:

Quantity	Size	Material	Preservative	Compounds analyzed	Method
2	250 mL	Glass	Unpreserved	SVOC PAH's	EPA SW-846 Method 8270
1	125 mL	Plastic	Unpreserved	Ferrous Iron	SM 3500 FE D
2	125 mL	Plastic	Unpreserved	Chloride, Nitrate, Calc- Nitrogen, Nitrate	SM 4500 Cl E
				Nitrite-Nitrite as N	EPA Method 353.2
				Sulfate	D516
1	125 mL	Plastic	H2SO4	Nitrate Nitrite as N	EPA Method 353.2
				Total Kjeldahl Nitrogen	EPA Method 351.2
1	250 mL	Plastic	HNO3	Lead & Manganese	EPA Method 6010
3	40 mL	Glass	HCl	VOC's & BTEX	EPA SW-846 Method 8260
1	125 mL	Plastic	NaOH	Total Cyanide	EPA Method 9012B
1	250 mL	Plastic	NaOH & Zinc Acetate	Sulfide	SM 4500 S2 F
1	125 mL	Plastic	Unpreserved	Alkalinity	2320B
3	40 mL	Glass	Unpreserved	Carbon Dioxide	RSK_175_CO2
3	40 mL	Glass	HCl	Methane/Ethane/Ethene	RSK_175

Sample ID: **MW-12**

Sample Time: 1035

Duplicate?

Yes ☐ No ☒

MS/MSD?

Yes ☐ No ☒

Shipped:

Syracuse Service Center

Fed-Ex ☐ Courier ☐

Laboratory:

Eurofins

Amherst, New York

National Grid
109 North Market Street, Johnstown New York

Sampling Personnel: KL
Job Number: 0603500-120950-221
Well Id. **MW-13**

Date: 4/8/24
Weather:
Time In: 10:00 Time Out: 11:15

Well Information		
	TOC	Other
Depth to Water:	(feet) <u>11.65</u>	
Depth to Bottom:	(feet) <u>23.10</u>	
Depth to Product:	(feet) <u>1</u>	
Length of Water Column:	(feet) <u>11.45</u>	
Volume of Water in Well:	(gal) <u>1.83</u>	
Three Well Volumes:	(gal) <u>5.49</u>	

Well Type: ☒ Flushmount ☐ Stick-Up
Well Locked: ☒ Yes ☐ No
Measuring Point Marked: ☒ Yes ☐ No
Well Material: ☒ PVC ☐ SS ☐ Other:
Well Diameter: ☐ 1" ☒ 2" ☐ Other:
Comments:

Purging Information																	
Purging Method:	Bailer ☐ Peristaltic ☐ Well Wizard Dedicated Pump ☒	<table border="1"><caption>Conversion Factors</caption><tr><th></th><th>1" ID</th><th>2" ID</th><th>4" ID</th><th>6" ID</th></tr><tr><td>gal/ft. of water</td><td>0.04</td><td>0.16</td><td>0.66</td><td>1.47</td></tr><tr><td colspan="5">1 gallon=3.785L=3785mL=133.7cu. feet</td></tr></table>		1" ID	2" ID	4" ID	6" ID	gal/ft. of water	0.04	0.16	0.66	1.47	1 gallon=3.785L=3785mL=133.7cu. feet				
	1" ID		2" ID	4" ID	6" ID												
gal/ft. of water	0.04		0.16	0.66	1.47												
1 gallon=3.785L=3785mL=133.7cu. feet																	
Tubing/Bailer Material:	Teflon ☐ Stainless St. ☐ Polyethylene ☒ other ☐																
Sampling Method:	Bailer ☐ Peristaltic ☐ Well Wizard Dedicated Pump ☒																
Average Pumping Rate:	(ml/min) <u>200</u>																
Duration of Pumping:	(min) <u>32</u>																
Total Volume Removed:	(gal) <u>2</u>	Did well go dry? Yes ☐ No ☒															
Horiba U-52 Water Quality Meter Used?		Yes ☒ No ☐															

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
10:10	11.80	7.31	7.47	-97	1.37	20.9	1.75	0.830
10:15	11.90	7.52	7.62	-81	0.701	19.8	0.35	0.444
10:20	11.90	7.38	7.68	-38	0.624	2.4	0.00	0.379
10:25	11.95	7.87	7.69	-70	0.624	2.1	1.00	0.399
10:30	11.95	7.41	7.69	-21	0.625	1.6	0.00	0.400
10:35	11.95	7.33	7.69	-15	0.626	1.2	0.00	0.400
10:40	11.95	7.35	7.69	-14	0.626	1.2	0.00	0.400

Sampling Information:						
Quantity	Size	Material	Preservative	Compounds analyzed	Method	
2	250 mL	Glass	Unpreserved	SVOC PAH's	EPA SW-846 Method 8270	
1	125 mL	Plastic	Unpreserved	Ferrous Iron	SM 3500 FE D	
2	125 mL	Plastic	Unpreserved	Chloride, Nitrate, Calc- Nitrogen, Nitrate	SM 4500 Cl E	
				Nitrite-Nitrite as N	EPA Method 353.2	
				Sulfate	D516	
1	125 mL	Plastic	H2SO4	Nitrate Nitrite as N	EPA Method 353.2	
				Total Kjeldahl Nitrogen	EPA Method 351.2	
1	250 mL	Plastic	HNO3	Lead & Manganese	EPA Method 6010	
3	40 mL	Glass	HCl	VOC's & BTEX	EPA SW-846 Method 8260	
1	125 mL	Plastic	NaOH	Total Cyanide	EPA Method 9012B	
1	250 mL	Plastic	NaOH & Zinc Acetate	Sulfide	SM 4500 S2 F	
1	125 mL	Plastic	Unpreserved	Alkalinity	2320B	
3	40 mL	Glass	Unpreserved	Carbon Dioxide	RSK_175_CO2	
3	40 mL	Glass	HCl	Methane/Ethane/Ethene	RSK_175	

MW-13-MS and MW-13-MSD

Sample ID: MW-13 Duplicate? Yes ☐ No ☒
Sample Time: 10:40 MS/MSD? Yes ☒ No ☐

Shipped: ☐ Syracuse Service Center ☐ Fed-Ex ☐ Courier ☐
Laboratory: ☐ Eurofins ☐
Amherst, New York

National Grid
109 North Market Street, Johnstown New York

Sampling Personnel: G. ERNST
Job Number: 0603500-120950-221
Well Id. **MW-14**

Date: 4/8/26
Weather: Clear 30°
Time In: 0855 Time Out: 0955

Well Information		
	TOC	Other
Depth to Water:	(feet) <u>13.56</u>	
Depth to Bottom:	(feet) <u>23.60</u>	
Depth to Product:	(feet) <u>✓</u>	
Length of Water Column:	(feet) <u>10.04</u>	
Volume of Water in Well:	(gal) <u>1.61</u>	
Three Well Volumes:	(gal) <u>4.82</u>	

Well Type:	Flushmount ☒	Stick-Up ☐
Well Locked:	Yes ☒	No ☐
Measuring Point Marked:	Yes ☒	No ☐
Well Material:	PVC ☒ SS ☐	Other: ☐
Well Diameter:	1" ☐ 2" ☒	Other: ☐
Comments:		

Purging Information		
Purging Method:	Bailer ☐ Peristaltic ☐ Well Wizard Dedicated Pump ☒	
Tubing/Bailer Material:	Teflon ☐ Stainless St. ☐ Polyethylene ☒ other ☐	
Sampling Method:	Bailer ☐ Peristaltic ☐ Well Wizard Dedicated Pump ☒	
Average Pumping Rate:	(ml/min) <u>200</u>	
Duration of Pumping:	(min) <u>30</u>	
Total Volume Removed:	(gal) <u>2</u>	Did well go dry? Yes ☐ No ☒
Horiba U-52 Water Quality Meter Used?		Yes ☒ No ☐

Conversion Factors				
	1" ID	2" ID	4" ID	6" ID
gal/ft. of water	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=133.7cu. feet				

Time	DTW	Temp	pH	ORP	Conductivity	Turbidity	DO	TDS
on 0900	(feet)	(°C)	(S.U.)	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
0905	13.93	6.65	7.49	45	0.875	542	9.47	0.555
910	14.19	7.67	7.47	53	0.661	252	8.97	0.422
915	14.35	7.81	7.46	58	0.643	87.2	8.48	0.411
920	14.42	7.84	7.46	64	0.639	35.3	7.74	0.409
925	14.45	7.97	7.47	69	0.638	34.9	7.17	0.409
930	14.50	8.07	7.47	72	0.638	18.9	6.80	0.408

Sampling Information:						
Quantity	Size	Material	Preservative	Compounds analyzed	Method	
2	250 mL	Glass	Unpreserved	SVOC PAH's	EPA SW-846 Method 8270	
1	125 mL	Plastic	Unpreserved	Ferrous Iron	SM 3500 FE D	
2	125 mL	Plastic	Unpreserved	Chloride, Nitrate, Calc- Nitrogen, Nitrate	SM 4500 Cl E	
				Nitrite-Nitrite as N	EPA Method 353.2	
				Sulfate	D516	
1	125 mL	Plastic	H2SO4	Nitrate Nitrite as N	EPA Method 353.2	
				Total Kjeldahl Nitrogen	EPA Method 351.2	
1	250 mL	Plastic	HNO3	Lead & Manganese	EPA Method 6010	
3	40 mL	Glass	HCl	VOC's & BTEX	EPA SW-846 Method 8260	
1	125 mL	Plastic	NaOH	Total Cyanide	EPA Method 9012B	
1	250 mL	Plastic	NaOH & Zinc Acetate	Sulfide	SM 4500 S2 F	
1	125 mL	Plastic	Unpreserved	Alkalinity	2320B	
3	40 mL	Glass	Unpreserved	Carbon Dioxide	RSK_175_CO2	
3	40 mL	Glass	HCl	Methane/Ethane/Ethene	RSK_175	

Field Duplicate

Sample ID: **MW-14**
Sample Time: 0940

Duplicate? Yes ☒ No ☒
MS/MSD? Yes ☐ No ☒

Shipped: Syracuse Service Center ☐
Fed-Ex ☐ Courier ☐
Laboratory: Eurofins
Amherst, New York

Date: 4/8/21
Weather: Clear 30°S
Time In: 0955 Time Out: 1100

Well Information			TOC	Other	Well Type:	Flushmount	Stick-Up
Depth to Water:	(feet)	18.41			Well Locked:	Yes	No
Depth to Bottom:	(feet)	26.30			Measuring Point Marked:	Yes	No
Depth to Product:	(feet)	—			Well Material:	PVC ☒ 1" ☐ 2"	SS ☐ Other: _____
Length of Water Column:	(feet)	7.89			Well Diameter:		Other: _____
Volume of Water in Well:	(gal)	1.26			Comments:		
Three Well Volumes:	(gal)	3.79					

Purging Information			
Purging Method:	Bailer ☐	Peristaltic ☐	Well Wizard Dedicated Pump ☐
Tubing/Bailer Material:	Teflon ☐	Stainless St. ☐	Polyethylene ☒ other ☐
Sampling Method:	Bailer ☐	Peristaltic ☐	Well Wizard Dedicated Pump ☒
Average Pumping Rate:	(ml/min)	200	
Duration of Pumping:	(min)	30	
Total Volume Removed:	(gal)	2	
Did well go dry? Yes ☐ No ☒			
Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐			

Conversion Factors				
	1" ID	2" ID	4" ID	6" ID
gal./ft. of water	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=1337cu. feet				

[illegible]

Sampling Information:					
Quantity	Size	Material	Preservative	Compounds analyzed	Method
2	250 mL	Glass	Unpreserved	SVOC PAH's	EPA SW-846 Method 8270
1	125 mL	Plastic	Unpreserved	Ferrous Iron	SM 3500 FE D
2	125 mL	Plastic	Unpreserved	Chloride, Nitrate_Calc- Nitrogen, Nitrate	SM 4500 Cl E
				Nitrite-Nitrite as N	EPA Method 353.2
				Sulfate	D516
1	125 mL	Plastic	H2SO4	Nitrate Nitrite as N	EPA Method 353.2
				Total Kjeldahl Nitrogen	EPA Method 351.2
1	250 mL	Plastic	HNO3	Lead & Manganese	EPA Method 6010
3	40 mL	Glass	HCl	VOC's & BTEX	EPA SW-846 Method 8260
1	125 mL	Plastic	NaOH	Total Cyanide	EPA Method 9012B
1	250 mL	Plastic	NaOH & Zinc Acetate	Sulfide	SM 4500 S2 F
1	125 mL	Plastic	Unpreserved	Alkalinity	2320B
3	40 mL	Glass	Unpreserved	Carbon Dioxide	RSK_175_CO2
3	40 mL	Glass	HCl	Methane/Ethane/Ethene	RSK_175

National Grid
109 North Market Street, Johnstown New York

Sampling Personnel: G. ERNST
Job Number: 0603500-120950-221
Well Id. **MW-16**

Date: 4/8/26
Weather: Clear 20°S
Time In: 0750 Time Out: 0815

Well Information		
	TOC	Other
Depth to Water: (feet)	<u>9.09</u>	
Depth to Bottom: (feet)	19.50	
Depth to Product: (feet)	—	
Length of Water Column: (feet)	<u>10.41</u>	
Volume of Water in Well: (gal)	<u>1.67</u>	
Three Well Volumes: (gal)	<u>5.0</u>	

Well Type: ☐ Flushmount ☐ Stick-Up ☐
Well Locked: Yes ☐ No ☐
Measuring Point Marked: Yes ☐ No ☐
Well Material: PVC ☒ SS ☐ Other: ☐
Well Diameter: 1" ☐ 2" ☒ Other: ☐
Comments: ☐

Purging Information		
Purging Method:	Bailer ☐	Peristaltic ☐
Tubing/Bailer Material:	Teflon ☐	Stainless St. ☐
Sampling Method:	Bailer ☐	Peristaltic ☐
Average Pumping Rate: (ml/min)	<u>200</u>	Well Wizard Dedicated Pump ☒
Duration of Pumping: (min)	<u>30</u>	Polyethylene ☒ other ☐
Total Volume Removed: (gal)	<u>2</u>	Well Wizard Dedicated Pump ☒
Did well go dry? Yes ☐ No ☒		
Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐		

Conversion Factors				
	1" ID	2" ID	4" ID	6" ID
gal/ft. of water	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=133.7cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>815</u>	<u>9.56</u>	<u>7.00</u>	<u>7.44</u>	<u>-9</u>	<u>1.12</u>	<u>12.1</u>	<u>10.35</u>	<u>0.713</u>
<u>820</u>	<u>9.70</u>	<u>6.97</u>	<u>7.31</u>	<u>-2</u>	<u>1.09</u>	<u>58.1</u>	<u>9.40</u>	<u>0.695</u>
<u>825</u>	<u>9.79</u>	<u>6.27</u>	<u>7.28</u>	<u>2</u>	<u>1.08</u>	<u>43.8</u>	<u>9.15</u>	<u>0.692</u>
<u>832</u>	<u>9.90</u>	<u>6.17</u>	<u>7.25</u>	<u>10</u>	<u>1.07</u>	<u>28.1</u>	<u>8.66</u>	<u>0.686</u>
<u>835</u>	<u>10.04</u>	<u>6.12</u>	<u>7.20</u>	<u>23</u>	<u>1.05</u>	<u>16.6</u>	<u>8.17</u>	<u>0.670</u>
<u>840</u>	<u>10.12</u>	<u>5.92</u>	<u>7.20</u>	<u>29</u>	<u>1.04</u>	<u>11.9</u>	<u>8.03</u>	<u>0.664</u>

Sampling Information:						
Quantity	Size	Material	Preservative	Compounds analyzed	Method	
2	250 mL	Glass	Unpreserved	SVOC PAH's	EPA SW-846 Method 8270	
1	125 mL	Plastic	Unpreserved	Ferrous Iron	SM 3500 FE D	
2	125 mL	Plastic	Unpreserved	Chloride, Nitrate, Calc- Nitrogen, Nitrate	SM 4500 Cl E	
				Nitrite-Nitrite as N	EPA Method 353.2	
				Sulfate	D516	
1	125 mL	Plastic	H2SO4	Nitrate Nitrite as N	EPA Method 353.2	
				Total Kjeldahl Nitrogen	EPA Method 351.2	
1	250 mL	Plastic	HNO3	Lead & Manganese	EPA Method 6010	
3	40 mL	Glass	HCl	VOC's & BTEX	EPA SW-846 Method 8260	
1	125 mL	Plastic	NaOH	Total Cyanide	EPA Method 9012B	
1	250 mL	Plastic	NaOH & Zinc Acetate	Sulfide	SM 4500 S2 F	
1	125 mL	Plastic	Unpreserved	Alkalinity	2320B	
3	40 mL	Glass	Unpreserved	Carbon Dioxide	RSK_175_CO2	
3	40 mL	Glass	HCl	Methane/Ethane/Ethene	RSK_175	

Sample ID: **MW-16** Duplicate? Yes ☐ No ☒
Sample Time: 0845 MS/MSD? Yes ☐ No ☒
Shipped: Syracuse Service Center ☐
Fed-Ex ☐ Courier ☐
Laboratory: Eurofins
Amherst, New York

Chain of Custody Record



Client Information		Sampler: <i>Greg Ernst</i>		Lab PM: Beninati, John		Carrier Tracking No(s): 480-192895-40377.1	
Client Contact: Tim Beaumont		Phone:		E-Mail: John.Beninati@eurofins.com		State of Origin:	
Company: Groundwater & Environmental Services Inc		PWSID:		Analysis Requested		Job #:	
Address: 6780 Northern Boulevard Suite 100		Due Date Requested:		TAT Requested (days):		Preservation Codes:	
City: East Syracuse		Compliance Project: ☐ Yes ☒ No		PO #: 0625050-120950-221-1106		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Email: tbeaumont@gesonline.com		WC #:		Project #: 48027231		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydriale U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
Project Name: Johnstown Semi-Annual GW		Event Desc: Johnstown Semi-Annual		SSOW#: Johnstown Semi-Annual GWS			
Site:		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Sample Identification		Sample Date		Sample Time		Sample Type (W=water, S=solid, O=other, BT=Tissue, A=Air)	
MW-4		4/10/26		12:35		G Water	
MW-7		4/10/26		10:45		G Water	
MW-10		4/10/26		09:40		G Water	
MW-11		4/10/26		09:40		G Water	
MW-12		4/10/26		10:35		G Water	
MW-13		4/10/26		10:40		G Water	
MW-13-MS		4/10/26		10:10		G Water	
MW-13-MSD		4/10/26		09:40		G Water	
MW-14		4/10/26		10:45		G Water	
MW-15		4/10/26		09:45		G Water	
MW-16		4/10/26		09:45		G Water	
Field Duplicate		4/10/26		11:00		G Water	
Trip Blank		4/10/26		11:00		G Water	
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒ Radiological		DATE DELIVERED			
Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by:		Date: 4/18/26 1335		Time: 1335	
Relinquished by:		Date/Time:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Date/Time:		Company:	
Custody Seals Intact: ☐ Yes ☒ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:			



Appendix B – Data Usability Summary Report



Groundwater & Environmental Services, Inc.

202 North Main Street
Kent Square North, Suite 200

Blacksburg, VA 24060

T. 800.662.5067

April 29, 2026

Devin Shay
Groundwater & Environmental Services
6780 Northern Blvd. Suite 100
East Syracuse, NY 13057

RE: Data Usability Summary Report for National Grid: Johnstown, NY Site Data Package Eurofins
Analytical Job No. 480-237530-1

Groundwater & Environmental Services, Inc. (GES) reviewed one data package (Laboratory Project Number 480-237530-1) from Eurofins Environment Testing, for the analysis of groundwater samples collected on April 8, 2026, from monitoring wells located at the National Grid: Johnstown, NY Site. Nine aqueous samples and a field duplicate were analyzed for dissolved gases, PAHs, Nitrate-Nitrite, Total Nitrogen, Metals, Alkalinity, Chloride, Ferrous Iron, Cyanide, Sulfide and Sulfate. Methodologies utilized were EPA methodologies 8260C, 8270D, RSK-175, 6010C, 351.2, 9012B, ASTM D516-90, 02, SM methodologies Nitrate by calculation, SM 2320B, SM 3500 FE D, SM 4500 Cl- E, and SM 4500 S2 F with additional QC requirements of the NYSDEC ASP.

The data were reported as part of a complete full deliverable type B data validation. This usability report is generated from review of the following:

- Laboratory Narrative Discussion
- Custody Documentation
- Holding Times
- Surrogate and Internal Standard Recoveries
- Matrix Spike Recoveries/Duplicate (MS/MSD) Correlations
- Field Duplicate Correlations
- Laboratory Control Sample (LCS)
- Preparation/Calibration Blanks
- Calibration/Low Level Standard Responses
- Instrumental Tunes
- Instrument MDLs

The items listed above which show deficiencies are discussed within the text of this narrative. All the other items were determined to be acceptable for the DUSR level review.

In summary, sample results were usable as reported, with exceptions due to poor precision or BS/BSD and MS/MSD recoveries.

The laboratory case narratives and sample identification summary forms are attached to this text and should be reviewed in conjunction with this report.

Table 1. Laboratory – Field Cross Reference

Lab ID	Sample ID
480-237530-1	MW-4
480-237530-2	MW-7
480-237530-3	MW-10
480-237530-4	MW-11
480-237530-5	MW-12
480-237530-6	MW-13
480-237530-7	MW-14
480-237530-8	MW-15
480-237530-9	MW-16
480-237530-10	Field Duplicate

Table 2. Validation Qualifiers

Sample ID	Analyte	Qualifier	Reason for qualification
All samples	Nitrate as N Nitrate Nitrite as N	UJ/J	Holding time
All Samples	Ferrous Iron	J	Analyzed outside hold time
MW-13	Benzene, o-Xylene	J	MS/MSD RPD
MW-13	Ethylbenzene	UJ	MS/MSD RPD
MW-13	Carbon dioxide	J-	Low MS/MSD recovery
MW-15	Nitrate as N Nitrate Nitrite as N	UJ	Low MS/MSD recovery
MW-10 MW-14	Cyanide	J+	Blank detection
MW-11	Cyanide	U at RL	Blank detection
MW-13	Alkalinity, Total	J-	Low MS/MSD recovery

In summary, sample results were usable as reported. Qualified data should be used with caution.

The laboratory case narratives and sample identification summary forms are attached to this text and should be reviewed in conjunction with this report.

Analytical Anomalies and Dilutions

MW-11 was diluted due to high VOC concentration target analytes. Reporting limits are elevated.

MW-10 was diluted due to high dissolved gases concentrations. Reporting limits are elevated.

BTEX and TCL Volatiles by EPA 8260C/NYSDEC ASP

Sample holding times were met and instrumental tune fragmentations were within acceptance ranges. Surrogate and internal standard recoveries were within required limits.

Laboratory and field-generated blanks reported no detections above reporting limit. Calibration standards show acceptable responses within analytical protocol and validation action limits.

The MS/MSD and LCS recoveries were within criteria and RPDs were within expected ranges with the following exceptions:

- The MS/MSD associated with MW-13 reported a high out-of-specification recovery for ethylbenzene, the analyte was non-detect in the sample and the possible high bias did not affect the data.
- The RPD calculated from the MS/MSD for benzene, ethylbenzene and o-xylene exceeded the laboratory criteria. The non-detect ethylbenzene was qualified as estimated non-detect, and the detected benzene and o-xylene in MW-13 were qualified as estimated due to precision issues.

Surrogate recoveries were within criteria; there were no qualifications required.

PAHs by EPA8270D/NYSDEC ASP

Holding times were met. Instrumental tune fragmentations were within acceptance ranges. Surrogate recoveries were within analytical and validation guidelines.

Blanks show no contamination.

Calibration standards, both initial and continuing, show acceptable responses within analytical method protocols and validation guidelines.

MW-10, MW-11, and MW-15 were diluted for high target compound concentrations. Data is reported with an elevated reporting limit.

LCS recovered within criteria. No qualifications are required.

The MS/MSD analyzed with the data is associated with the Sample location MW-13. Recoveries were within criteria. RPDs indicate good precision.

Dissolved Gases by RSK-175/NYSDEC ASP

Sample holding times were met. Surrogate and internal standard recoveries were within required limits.

Laboratory and field-generated blanks reported no detections above reporting limit. Calibration standards show acceptable responses within analytical protocol and validation action limits.

The MS/MSD and LCS recoveries were within criteria and RPDs were within expected ranges with the following exceptions:

- The MS/MSD associated with MW-13 reported a low out-of-specification recovery for carbon dioxide, indicating a possible low bias in the data. The analyte is qualified as estimated with a possible low bias.
- The RPD calculated from the MS/MSD for benzene, ethylbenzene and o-xylene exceeded the laboratory criteria. The non-detect ethylbenzene was qualified as estimated non-detect, and the detected benzene and o-xylene in MW-13 were qualified as estimated due to precision issues.

Surrogate recoveries were within criteria; there were no qualifications required.

Lead and Manganese by EPA 6010/NYDESC ASP

Holding times were met. Blank samples show no contamination above the reporting limit. LCS samples recovered within criteria. The matrix spike, post digestion spike, and serial dilutions were performed on MW-13 and recoveries and RPDs all fell within criteria.

There were no qualifications required.

Wet Chemistry Tests and Total Cyanide by 9012B/ NYSDEC ASP

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, accuracy, and precision, etc., as applicable to each procedure. All were found acceptable for the validated samples with the following exceptions:

- Nitrate-Nitrite as N recovered low in the MS/MSD associated with MW-15. Data is qualified as estimated non-detect due to precision issues.
- Sulfide samples had headspace in the vials. The following samples are affected, and data is considered estimated:
 - MW-4
 - MW-7
 - MW-10
 - MW-11
 - MW-12
 - MW-13
 - MW-14
 - MW-15
 - MW-16
 - Field Duplicate
- The method blanks contained Cyanide below the reporting limit. For any detections in associated samples that were greater than ten times the blank concentration no qualification was required. For sample cyanide below the RL but above the MDL the cyanide is qualified as non-detect at the reporting limit. For detections above the RL but less than 10x the blank concentration, the concentrations are qualified as estimated with a possible high bias.
- Alkalinity was reported at low levels in the method blank. All detections in associated samples that were greater than ten times the blank concentration; no qualifications were required.

Calibration standard responses were compliant. Blanks show no detections above the reporting limits with the exceptions noted above.

Ferrous Iron by S<3500-FeD-00/ NYSDEC ASP

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, and accuracy and precision.

- Samples were prepared outside of hold time, and all sample data is qualified as estimated with an indeterminate bias.
- Ferrous Iron recovered low in the MS/MSD associated with MW-16. Data is qualified as estimated with a possible low bias.

All other compliance data were found acceptable for the validated samples.

Calibration standard responses were compliant. Blanks show no detections above the reporting limits.

Total Kjeldahl Nitrogen, Nitrogen as Nitrate/Nitrite by EPA 351.2 & 353.2/NYDESC ASP

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, site-specific accuracy, and precision, etc., as applicable to each procedure. All were found acceptable for the validated samples with the following exceptions:

Nitrate Nitrite as N and Nitrate as N were extracted out of hold time.

Calibration standard responses were compliant.

Precision Calculations

Field duplicate correlations were within criteria for all analytes with >2x reporting limit detections.

Data Precision

Field Identification	Analyte	Sample Result (µg/L)	Duplicate Result (µg/L)	RPD (%)	Qualified
MW-14/FIELD DUP	Carbon Dioxide	2,700	24,000	11.8	A
	Methane	4.0	3.0J	--	A
	Manganese	0.29	0.60	69.7	A
	Lead	0.0047J	0.013	--	A
	Total Kjeldahl Nitrogen	0.56	0.65	14.9	A
	Cyanide, Total	0.077	0.077	--	A
	Sulfate	18.9	18.6	1.6	A
	Nitrate as N	0.36	0.3	18.2	A
	Alkalinity	328	336	2.4	A
	Ferrous Iron	0.16	0.16	--	A
	Chloride	4.6	4.9	6.3	A

A: Acceptable
NC: Not calculated

Data Package Completeness

Complete NYSDEC Category B deliverables were included in the laboratory data package, all information required for validation of the data is present.

Please do not hesitate to contact me if you have comments or questions regarding this report.



Bonnie Janowiak, Ph.D., N.R.C.C.
Principal Environmental Chemist

VALIDATION DATA QUALIFIER DEFINITIONS

- U** The analyte was analyzed for but was not detected above the level of the associated reported quantitation limit.
- J** The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
- J-** The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
- J+** The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
- UJ** The analyte was analyzed for but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
- NJ** The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
- R** The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.



Sample Summaries and Laboratory Case Narratives

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site:

Job ID: 480-237530-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-237530-1	MW-4	Water	04/08/26 08:35	04/09/26 10:15	New York
480-237530-2	MW-7	Water	04/08/26 08:45	04/09/26 10:15	New York
480-237530-3	MW-10	Water	04/08/26 09:40	04/09/26 10:15	New York
480-237530-4	MW-11	Water	04/08/26 09:40	04/09/26 10:15	New York
480-237530-5	MW-12	Water	04/08/26 10:35	04/09/26 10:15	New York
480-237530-6	MW-13	Water	04/08/26 10:40	04/09/26 10:15	New York
480-237530-7	MW-14	Water	04/08/26 09:40	04/09/26 10:15	New York
480-237530-8	MW-15	Water	04/08/26 10:45	04/09/26 10:15	New York
480-237530-9	MW-16	Water	04/08/26 08:45	04/09/26 10:15	New York
480-237530-10	Field Duplicate	Water	04/08/26 00:00	04/09/26 10:15	New York

Case Narrative

Client: Groundwater & Environmental Services Inc
Project:

Job ID: 480-237530-1

Job ID: 480-237530-1

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Job Narrative 480-237530-1

Receipt

The samples were received on 4/9/2026 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.0° C, 2.4° C and 3.2° C.

Receipt Exceptions

Lab received two broken trip blanks with sample set. Trip blank was not logged.

GC/MS VOA

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-772283 were outside control limits for one or more analytes. See QC Sample Results for detail.

Method 8260C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 480-772283 was outside control limits.

Method 8260C: Surrogate recovery in the continuing calibration verification (CCV) was outside the 20%D recovery but within house limits. The following samples are impacted: MW-4 (480-237530-1), MW-7 (480-237530-2), MW-10 (480-237530-3), MW-11 (480-237530-4), MW-12 (480-237530-5), MW-13 (480-237530-6), MW-13 (480-237530-6[MS]), MW-13 (480-237530-6[MSD]), MW-14 (480-237530-7), MW-15 (480-237530-8), MW-16 (480-237530-9) and Field Duplicate (480-237530-10).

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

GC/MS Semi VOA

Method 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-11 (480-237530-4) and MW-15 (480-237530-8). Elevated reporting limits (RLs) are provided.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-772497 was outside the method criteria for the following analyte(s): Nitrobenzene-d5 (Surr). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

GC VOA

Method RSK-175: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-10 (480-237530-3), MW-11 (480-237530-4) and MW-15 (480-237530-8). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

Method SM 4500 S2 F: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container(s): MW-4 (480-237530-1), MW-7 (480-237530-2), MW-10 (480-237530-3) and MW-13 (480-237530-6).

Method SM 2320B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with analytical batch 480-772786 were outside control limits: MW-13 (480-237530-6) and MW-13 (480-237530-6[MS]). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method SM 4500 S2 F: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container(s): MW-11 (480-237530-4), MW-12 (480-237530-5), MW-14 (480-237530-7), MW-15 (480-237530-8), MW-16 (480-237530-9) and Field Duplicate (480-237530-10).

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

Organic Prep

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

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Appendix C – Laboratory Analytical Report

ANALYTICAL REPORT

PREPARED FOR

Attn: Tim Beaumont
Groundwater & Environmental Services Inc
6780 Northern Boulevard
Suite 100
East Syracuse, New York 13057

Generated 4/21/2026 8:28:06 AM

JOB DESCRIPTION

Johnstown Semi-Annual GWS

JOB NUMBER

480-237530-1

Eurofins Buffalo

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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Definitions/Glossary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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.

GC/MS Semi VOA

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

GC VOA

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.

Metals

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.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
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)

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

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Case Narrative

Client: Groundwater & Environmental Services Inc
Project:

Job ID: 480-237530-1

Job ID: 480-237530-1

Eurofins Buffalo

Job Narrative 480-237530-1

Receipt

The samples were received on 4/9/2026 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.0° C, 2.4° C and 3.2° C.

Receipt Exceptions

Lab received two broken trip blanks with sample set. Trip blank was not logged.

GC/MS VOA

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-772283 were outside control limits for one or more analytes. See QC Sample Results for detail.

Method 8260C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 480-772283 was outside control limits.

Method 8260C: Surrogate recovery in the continuing calibration verification (CCV) was outside the 20%D recovery but within house limits. The following samples are impacted: MW-4 (480-237530-1), MW-7 (480-237530-2), MW-10 (480-237530-3), MW-11 (480-237530-4), MW-12 (480-237530-5), MW-13 (480-237530-6), MW-13 (480-237530-6[MS]), MW-13 (480-237530-6[MSD]), MW-14 (480-237530-7), MW-15 (480-237530-8), MW-16 (480-237530-9) and Field Duplicate (480-237530-10).

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

GC/MS Semi VOA

Method 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-11 (480-237530-4) and MW-15 (480-237530-8). Elevated reporting limits (RLs) are provided.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-772497 was outside the method criteria for the following analyte(s): Nitrobenzene-d5 (Surr). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

GC VOA

Method RSK-175: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-10 (480-237530-3), MW-11 (480-237530-4) and MW-15 (480-237530-8). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

Method SM 4500 S2 F: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container(s): MW-4 (480-237530-1), MW-7 (480-237530-2), MW-10 (480-237530-3) and MW-13 (480-237530-6).

Method SM 2320B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with analytical batch 480-772786 were outside control limits: MW-13 (480-237530-6) and MW-13 (480-237530-6[MS]). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method SM 4500 S2 F: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container(s): MW-11 (480-237530-4), MW-12 (480-237530-5), MW-14 (480-237530-7), MW-15 (480-237530-8), MW-16 (480-237530-9) and Field Duplicate (480-237530-10).

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

Organic Prep

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

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Detection Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-4

Lab Sample ID: 480-237530-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
CO2	43000		12000	5600	ug/L	1		RSK-175	Total/NA
Manganese	0.00079	J	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nitrate Nitrite as N	2.3		0.050	0.020	mg/L	1		353.2	Total/NA
Sulfate	29.1		5.0	1.5	mg/L	1		D516-90, 02	Total/NA
Nitrate as N	2.3	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Nitrate Nitrite as N	2.3	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Alkalinity, Total	408	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Alkalinity, Bicarbonate	408	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Chloride	160		5.0	2.3	mg/L	5		SM 4500 Cl- E	Total/NA

Client Sample ID: MW-7

Lab Sample ID: 480-237530-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
CO2	31000		12000	5600	ug/L	1		RSK-175	Total/NA
Methane	42		4.0	1.0	ug/L	1		RSK-175	Total/NA
Manganese	0.36		0.0030	0.00040	mg/L	1		6010C	Total/NA
Total Kjeldahl Nitrogen	1.4		0.20	0.19	mg/L	1		351.2	Total/NA
Cyanide, Total	0.095	B	0.010	0.0041	mg/L	1		9012B	Total/NA
Sulfate	222		50.0	15.0	mg/L	10		D516-90, 02	Total/NA
Alkalinity, Total	369	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Alkalinity, Bicarbonate	369	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Chloride	71.7		5.0	2.3	mg/L	5		SM 4500 Cl- E	Total/NA

Client Sample ID: MW-10

Lab Sample ID: 480-237530-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	2.2	J	5.0	0.41	ug/L	1		8270D	Total/NA
CO2	55000		12000	5600	ug/L	1		RSK-175	Total/NA
Methane - DL	2500		88	22	ug/L	22		RSK-175	Total/NA
Manganese	1.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Total Kjeldahl Nitrogen	3.8		0.20	0.19	mg/L	1		351.2	Total/NA
Cyanide, Total	0.060	B	0.010	0.0041	mg/L	1		9012B	Total/NA
Sulfate	7.7		5.0	1.5	mg/L	1		D516-90, 02	Total/NA
Alkalinity, Total	496	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Alkalinity, Bicarbonate	496	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Chloride	856		20.0	9.2	mg/L	20		SM 4500 Cl- E	Total/NA

Client Sample ID: MW-11

Lab Sample ID: 480-237530-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	16		1.0	0.41	ug/L	1		8260C	Total/NA
Toluene	1.1		1.0	0.51	ug/L	1		8260C	Total/NA
Ethylbenzene	7.3		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	1.5	J	2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	2.3		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	3.8		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	28		2.0	1.0	ug/L	1		8260C	Total/NA
Acenaphthene	250	E	5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	110	E	5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	11		5.0	0.28	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	1.0	J	5.0	0.36	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.55	J	5.0	0.47	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.68	J	5.0	0.34	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-11 (Continued)

Lab Sample ID: 480-237530-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.44	J	5.0	0.35	ug/L	1		8270D	Total/NA
Chrysene	2.2	J	5.0	0.33	ug/L	1		8270D	Total/NA
Fluoranthene	12		5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	57		5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	49		5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	130	E	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	15		5.0	0.34	ug/L	1		8270D	Total/NA
Acenaphthene - DL	190		50	4.1	ug/L	10		8270D	Total/NA
Acenaphthylene - DL	92		50	3.8	ug/L	10		8270D	Total/NA
Anthracene - DL	18	J	50	2.8	ug/L	10		8270D	Total/NA
Fluoranthene - DL	12	J	50	4.0	ug/L	10		8270D	Total/NA
Fluorene - DL	59		50	3.6	ug/L	10		8270D	Total/NA
Naphthalene - DL	48	J	50	7.6	ug/L	10		8270D	Total/NA
Phenanthrene - DL	100		50	4.4	ug/L	10		8270D	Total/NA
Pyrene - DL	17	J	50	3.4	ug/L	10		8270D	Total/NA
CO2	69000		12000	5600	ug/L	1		RSK-175	Total/NA
Ethane	1.5	J	7.5	1.5	ug/L	1		RSK-175	Total/NA
Ethene	2.4	J	7.0	1.5	ug/L	1		RSK-175	Total/NA
Methane - DL	730		88	22	ug/L	22		RSK-175	Total/NA
Manganese	0.66		0.0030	0.00040	mg/L	1		6010C	Total/NA
Lead	0.0073	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Total Kjeldahl Nitrogen	1.4		0.20	0.19	mg/L	1		351.2	Total/NA
Cyanide, Total	0.0074	J B	0.010	0.0041	mg/L	1		9012B	Total/NA
Sulfate	40.3		25.0	7.5	mg/L	5		D516-90, 02	Total/NA
Alkalinity, Total	465	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Alkalinity, Bicarbonate	465	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Chloride	916		20.0	9.2	mg/L	20		SM 4500 Cl- E	Total/NA

Client Sample ID: MW-12

Lab Sample ID: 480-237530-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.44	J	5.0	0.28	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.52	J	5.0	0.36	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.59	J	5.0	0.47	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.50	J	5.0	0.34	ug/L	1		8270D	Total/NA
Benzo[g,h,i]perylene	0.46	J	5.0	0.35	ug/L	1		8270D	Total/NA
Chrysene	0.40	J	5.0	0.33	ug/L	1		8270D	Total/NA
Fluoranthene	0.78	J	5.0	0.40	ug/L	1		8270D	Total/NA
Phenanthrene	0.57	J	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	0.80	J	5.0	0.34	ug/L	1		8270D	Total/NA
CO2	56000		12000	5600	ug/L	1		RSK-175	Total/NA
Manganese	0.22		0.0030	0.00040	mg/L	1		6010C	Total/NA
Lead	0.0036	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Total Kjeldahl Nitrogen	0.50		0.20	0.19	mg/L	1		351.2	Total/NA
Nitrate Nitrite as N	2.8		0.050	0.020	mg/L	1		353.2	Total/NA
Sulfate	64.0		25.0	7.5	mg/L	5		D516-90, 02	Total/NA
Nitrate as N	2.8	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Nitrate Nitrite as N	2.8	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Alkalinity, Total	383	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Alkalinity, Bicarbonate	383	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Chloride	471		20.0	9.2	mg/L	20		SM 4500 Cl- E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-13

Lab Sample ID: 480-237530-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.6	F2	1.0	0.41	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	3.9		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	6.3	F2	1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	10	F2	2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	14		2.0	1.0	ug/L	1		8260C	Total/NA
Acenaphthene	1.5	J	5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	0.88	J	5.0	0.38	ug/L	1		8270D	Total/NA
Fluorene	0.69	J	5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	3.1	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	0.60	J	5.0	0.44	ug/L	1		8270D	Total/NA
CO2	9800	J F1	12000	5600	ug/L	1		RSK-175	Total/NA
Methane	9.7		4.0	1.0	ug/L	1		RSK-175	Total/NA
Manganese	0.018		0.0030	0.00040	mg/L	1		6010C	Total/NA
Total Kjeldahl Nitrogen	0.29		0.20	0.19	mg/L	1		351.2	Total/NA
Nitrate Nitrite as N	0.11		0.050	0.020	mg/L	1		353.2	Total/NA
Cyanide, Total	0.022	B	0.010	0.0041	mg/L	1		9012B	Total/NA
Sulfate	10.8		5.0	1.5	mg/L	1		D516-90, 02	Total/NA
Nitrate as N	0.11	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Nitrate Nitrite as N	0.11	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Alkalinity, Total	238	B F1	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Alkalinity, Bicarbonate	225	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Alkalinity, Carbonate	13.1		5.0	0.79	mg/L	1		SM 2320B	Total/NA
Chloride	44.8		1.0	0.46	mg/L	1		SM 4500 Cl- E	Total/NA

Client Sample ID: MW-14

Lab Sample ID: 480-237530-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
CO2	16000		12000	5600	ug/L	1		RSK-175	Total/NA
Methane	3.0	J	4.0	1.0	ug/L	1		RSK-175	Total/NA
Manganese	0.088		0.0030	0.00040	mg/L	1		6010C	Total/NA
Total Kjeldahl Nitrogen	0.31		0.20	0.19	mg/L	1		351.2	Total/NA
Nitrate Nitrite as N	0.62		0.050	0.020	mg/L	1		353.2	Total/NA
Cyanide, Total	0.039	B	0.010	0.0041	mg/L	1		9012B	Total/NA
Sulfate	11.8		5.0	1.5	mg/L	1		D516-90, 02	Total/NA
Nitrate as N	0.62	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Nitrate Nitrite as N	0.62	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Alkalinity, Total	301	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Alkalinity, Bicarbonate	301	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Chloride	4.7		1.0	0.46	mg/L	1		SM 4500 Cl- E	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 480-237530-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	11		1.0	0.41	ug/L	1		8260C	Total/NA
Toluene	1.0		1.0	0.51	ug/L	1		8260C	Total/NA
Ethylbenzene	26		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	1.9	J	2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	12		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	14		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	52		2.0	1.0	ug/L	1		8260C	Total/NA
Acenaphthene	38		5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	2.8	J	5.0	0.38	ug/L	1		8270D	Total/NA
Fluorene	5.5		5.0	0.36	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-15 (Continued)

Lab Sample ID: 480-237530-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	120	E	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	0.98	J	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	0.35	J	5.0	0.34	ug/L	1		8270D	Total/NA
Acenaphthene - DL	35		25	2.1	ug/L	5		8270D	Total/NA
Acenaphthylene - DL	3.3	J	25	1.9	ug/L	5		8270D	Total/NA
Fluorene - DL	4.5	J	25	1.8	ug/L	5		8270D	Total/NA
Naphthalene - DL	110		25	3.8	ug/L	5		8270D	Total/NA
CO2	60000		12000	5600	ug/L	1		RSK-175	Total/NA
Ethane	2.0	J	7.5	1.5	ug/L	1		RSK-175	Total/NA
Methane - DL	2000		88	22	ug/L	22		RSK-175	Total/NA
Manganese	0.75		0.0030	0.00040	mg/L	1		6010C	Total/NA
Lead	0.0039	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Total Kjeldahl Nitrogen	1.0		0.20	0.19	mg/L	1		351.2	Total/NA
Cyanide, Total	0.095	B	0.010	0.0041	mg/L	1		9012B	Total/NA
Sulfate	21.2		5.0	1.5	mg/L	1		D516-90, 02	Total/NA
Alkalinity, Total	456	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Alkalinity, Bicarbonate	456	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Chloride	7.7		1.0	0.46	mg/L	1		SM 4500 Cl- E	Total/NA

Client Sample ID: MW-16

Lab Sample ID: 480-237530-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.1		1.0	0.41	ug/L	1		8260C	Total/NA
o-Xylene	0.92	J	1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	0.92	J	2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	5.0		2.0	1.0	ug/L	1		8260C	Total/NA
Acenaphthene	3.3	J	5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	0.61	J	5.0	0.38	ug/L	1		8270D	Total/NA
Fluorene	0.83	J	5.0	0.36	ug/L	1		8270D	Total/NA
CO2	44000		12000	5600	ug/L	1		RSK-175	Total/NA
Methane	120		4.0	1.0	ug/L	1		RSK-175	Total/NA
Manganese	0.036		0.0030	0.00040	mg/L	1		6010C	Total/NA
Total Kjeldahl Nitrogen	0.63		0.20	0.19	mg/L	1		351.2	Total/NA
Nitrate Nitrite as N	1.9		0.050	0.020	mg/L	1		353.2	Total/NA
Cyanide, Total	0.094	B	0.010	0.0041	mg/L	1		9012B	Total/NA
Sulfate	38.3		25.0	7.5	mg/L	5		D516-90, 02	Total/NA
Nitrate as N	1.9	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Nitrate Nitrite as N	1.9	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Alkalinity, Total	512	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Alkalinity, Bicarbonate	512	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Chloride	4.2		1.0	0.46	mg/L	1		SM 4500 Cl- E	Total/NA

Client Sample ID: Field Duplicate

Lab Sample ID: 480-237530-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
CO2	15000		12000	5600	ug/L	1		RSK-175	Total/NA
Methane	3.4	J	4.0	1.0	ug/L	1		RSK-175	Total/NA
Manganese	0.082		0.0030	0.00040	mg/L	1		6010C	Total/NA
Total Kjeldahl Nitrogen	0.24		0.20	0.19	mg/L	1		351.2	Total/NA
Nitrate Nitrite as N	0.61		0.050	0.020	mg/L	1		353.2	Total/NA
Cyanide, Total	0.045	B	0.010	0.0041	mg/L	1		9012B	Total/NA
Sulfate	11.7		5.0	1.5	mg/L	1		D516-90, 02	Total/NA
Nitrate as N	0.61	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: Field Duplicate (Continued)

Lab Sample ID: 480-237530-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate Nitrite as N	0.61	H	0.050	0.020	mg/L	1		Nitrate by calc	Total/NA
Alkalinity, Total	305	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Alkalinity, Bicarbonate	305	B	5.0	0.79	mg/L	1		SM 2320B	Total/NA
Chloride	4.8		1.0	0.46	mg/L	1		SM 4500 Cl- E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-4

Lab Sample ID: 480-237530-1

Date Collected: 04/08/26 08:35

Matrix: Water

Date Received: 04/09/26 10:15

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			04/09/26 17:33	1
Toluene	ND		1.0	0.51	ug/L			04/09/26 17:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/09/26 17:33	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/09/26 17:33	1
o-Xylene	ND		1.0	0.76	ug/L			04/09/26 17:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/09/26 17:33	1
Total BTEX	ND		2.0	1.0	ug/L			04/09/26 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		04/09/26 17:33	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		04/09/26 17:33	1
4-Bromofluorobenzene (Surr)	98		73 - 120		04/09/26 17:33	1
Dibromofluoromethane (Surr)	91		75 - 123		04/09/26 17:33	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		04/09/26 13:56	04/10/26 14:32	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/09/26 13:56	04/10/26 14:32	1
Anthracene	ND		5.0	0.28	ug/L		04/09/26 13:56	04/10/26 14:32	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 14:32	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 14:32	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 14:32	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/09/26 13:56	04/10/26 14:32	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/09/26 13:56	04/10/26 14:32	1
Chrysene	ND		5.0	0.33	ug/L		04/09/26 13:56	04/10/26 14:32	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/09/26 13:56	04/10/26 14:32	1
Fluoranthene	ND		5.0	0.40	ug/L		04/09/26 13:56	04/10/26 14:32	1
Fluorene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 14:32	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 14:32	1
Naphthalene	ND		5.0	0.76	ug/L		04/09/26 13:56	04/10/26 14:32	1
Phenanthrene	ND		5.0	0.44	ug/L		04/09/26 13:56	04/10/26 14:32	1
Pyrene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	87		53 - 126	04/09/26 13:56	04/10/26 14:32	1
Nitrobenzene-d5 (Surr)	79		29 - 129	04/09/26 13:56	04/10/26 14:32	1
p-Terphenyl-d14 (Surr)	94		33 - 132	04/09/26 13:56	04/10/26 14:32	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CO2	43000		12000	5600	ug/L		04/17/26 15:52	04/17/26 23:01	1
Methane	ND		4.0	1.0	ug/L			04/13/26 10:08	1
Ethane	ND		7.5	1.5	ug/L			04/13/26 10:08	1
Ethene	ND		7.0	1.5	ug/L			04/13/26 10:08	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.00079	J	0.0030	0.00040	mg/L		04/10/26 09:33	04/10/26 18:18	1
Lead	ND		0.010	0.0030	mg/L		04/10/26 09:33	04/10/26 18:18	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-4

Lab Sample ID: 480-237530-1

Date Collected: 04/08/26 08:35

Matrix: Water

Date Received: 04/09/26 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen (EPA 351.2)	ND		0.20	0.19	mg/L		04/16/26 17:33	04/17/26 13:13	1
Nitrate Nitrite as N (EPA 353.2)	2.3		0.050	0.020	mg/L			04/14/26 16:53	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/09/26 17:55	1
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			04/14/26 02:24	1
Sulfate (ASTM D516-90, 02)	29.1		5.0	1.5	mg/L			04/15/26 09:19	1
Nitrate as N (SM Nitrate by calc)	2.3	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrate Nitrite as N (SM Nitrate by calc)	2.3	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Alkalinity, Total (SM 2320B)	408	B	5.0	0.79	mg/L			04/14/26 18:33	1
Alkalinity, Bicarbonate (SM 2320B)	408	B	5.0	0.79	mg/L			04/14/26 18:33	1
Alkalinity, Carbonate (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 18:33	1
Hydroxide Alkalinity (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 18:33	1
Ferrous Iron (SM 3500 FE D)	ND	HF	0.10	0.075	mg/L			04/16/26 09:30	1
Chloride (SM 4500 Cl- E)	160		5.0	2.3	mg/L			04/15/26 11:20	5
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/14/26 16:01	1

Client Sample ID: MW-7

Lab Sample ID: 480-237530-2

Date Collected: 04/08/26 08:45

Matrix: Water

Date Received: 04/09/26 10:15

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			04/09/26 17:55	1
Toluene	ND		1.0	0.51	ug/L			04/09/26 17:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/09/26 17:55	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/09/26 17:55	1
o-Xylene	ND		1.0	0.76	ug/L			04/09/26 17:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/09/26 17:55	1
Total BTEX	ND		2.0	1.0	ug/L			04/09/26 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120					04/09/26 17:55	1
1,2-Dichloroethane-d4 (Surr)	107		77 - 120					04/09/26 17:55	1
4-Bromofluorobenzene (Surr)	102		73 - 120					04/09/26 17:55	1
Dibromofluoromethane (Surr)	87		75 - 123					04/09/26 17:55	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		04/09/26 13:56	04/10/26 14:58	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/09/26 13:56	04/10/26 14:58	1
Anthracene	ND		5.0	0.28	ug/L		04/09/26 13:56	04/10/26 14:58	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 14:58	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 14:58	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 14:58	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/09/26 13:56	04/10/26 14:58	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/09/26 13:56	04/10/26 14:58	1
Chrysene	ND		5.0	0.33	ug/L		04/09/26 13:56	04/10/26 14:58	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/09/26 13:56	04/10/26 14:58	1
Fluoranthene	ND		5.0	0.40	ug/L		04/09/26 13:56	04/10/26 14:58	1
Fluorene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 14:58	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 14:58	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-7

Lab Sample ID: 480-237530-2

Date Collected: 04/08/26 08:45

Matrix: Water

Date Received: 04/09/26 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0	0.76	ug/L		04/09/26 13:56	04/10/26 14:58	1
Phenanthrene	ND		5.0	0.44	ug/L		04/09/26 13:56	04/10/26 14:58	1
Pyrene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	97		53 - 126				04/09/26 13:56	04/10/26 14:58	1
Nitrobenzene-d5 (Surr)	89		29 - 129				04/09/26 13:56	04/10/26 14:58	1
p-Terphenyl-d14 (Surr)	76		33 - 132				04/09/26 13:56	04/10/26 14:58	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CO2	31000		12000	5600	ug/L		04/17/26 15:52	04/17/26 23:09	1
Methane	42		4.0	1.0	ug/L			04/13/26 10:27	1
Ethane	ND		7.5	1.5	ug/L			04/13/26 10:27	1
Ethene	ND		7.0	1.5	ug/L			04/13/26 10:27	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.36		0.0030	0.00040	mg/L		04/10/26 09:33	04/10/26 18:20	1
Lead	ND		0.010	0.0030	mg/L		04/10/26 09:33	04/10/26 18:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen (EPA 351.2)	1.4		0.20	0.19	mg/L		04/16/26 17:33	04/17/26 13:14	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/14/26 17:08	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/09/26 17:56	1
Cyanide, Total (SW846 9012B)	0.095	B	0.010	0.0041	mg/L			04/14/26 02:28	1
Sulfate (ASTM D516-90, 02)	222		50.0	15.0	mg/L			04/15/26 10:38	10
Nitrate as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrate Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Alkalinity, Total (SM 2320B)	369	B	5.0	0.79	mg/L			04/14/26 18:41	1
Alkalinity, Bicarbonate (SM 2320B)	369	B	5.0	0.79	mg/L			04/14/26 18:41	1
Alkalinity, Carbonate (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 18:41	1
Hydroxide Alkalinity (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 18:41	1
Ferrous Iron (SM 3500 FE D)	ND	HF	0.10	0.075	mg/L			04/16/26 09:30	1
Chloride (SM 4500 Cl- E)	71.7		5.0	2.3	mg/L			04/15/26 11:22	5
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/14/26 16:01	1

Client Sample ID: MW-10

Lab Sample ID: 480-237530-3

Date Collected: 04/08/26 09:40

Matrix: Water

Date Received: 04/09/26 10:15

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			04/09/26 18:18	1
Toluene	ND		1.0	0.51	ug/L			04/09/26 18:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/09/26 18:18	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/09/26 18:18	1
o-Xylene	ND		1.0	0.76	ug/L			04/09/26 18:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/09/26 18:18	1
Total BTEX	ND		2.0	1.0	ug/L			04/09/26 18:18	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-10

Lab Sample ID: 480-237530-3

Date Collected: 04/08/26 09:40

Matrix: Water

Date Received: 04/09/26 10:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		04/09/26 18:18	1
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		04/09/26 18:18	1
4-Bromofluorobenzene (Surr)	96		73 - 120		04/09/26 18:18	1
Dibromofluoromethane (Surr)	84		75 - 123		04/09/26 18:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	2.2	J	5.0	0.41	ug/L		04/09/26 13:56	04/10/26 15:25	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/09/26 13:56	04/10/26 15:25	1
Anthracene	ND		5.0	0.28	ug/L		04/09/26 13:56	04/10/26 15:25	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 15:25	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 15:25	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 15:25	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/09/26 13:56	04/10/26 15:25	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/09/26 13:56	04/10/26 15:25	1
Chrysene	ND		5.0	0.33	ug/L		04/09/26 13:56	04/10/26 15:25	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/09/26 13:56	04/10/26 15:25	1
Fluoranthene	ND		5.0	0.40	ug/L		04/09/26 13:56	04/10/26 15:25	1
Fluorene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 15:25	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 15:25	1
Naphthalene	ND		5.0	0.76	ug/L		04/09/26 13:56	04/10/26 15:25	1
Phenanthrene	ND		5.0	0.44	ug/L		04/09/26 13:56	04/10/26 15:25	1
Pyrene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	98		53 - 126	04/09/26 13:56	04/10/26 15:25	1
Nitrobenzene-d5 (Surr)	87		29 - 129	04/09/26 13:56	04/10/26 15:25	1
p-Terphenyl-d14 (Surr)	73		33 - 132	04/09/26 13:56	04/10/26 15:25	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CO2	55000		12000	5600	ug/L		04/17/26 15:52	04/17/26 21:22	1
Ethane	ND		7.5	1.5	ug/L			04/13/26 10:46	1
Ethene	ND		7.0	1.5	ug/L			04/13/26 10:46	1

Method: RSK-175 - Dissolved Gases (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	2500		88	22	ug/L			04/13/26 11:58	22

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	1.5		0.0030	0.00040	mg/L		04/10/26 09:33	04/10/26 18:21	1
Lead	ND		0.010	0.0030	mg/L		04/10/26 09:33	04/10/26 18:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen (EPA 351.2)	3.8		0.20	0.19	mg/L		04/16/26 17:33	04/17/26 13:17	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/14/26 17:10	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/09/26 17:56	1
Cyanide, Total (SW846 9012B)	0.060	B	0.010	0.0041	mg/L			04/14/26 02:32	1
Sulfate (ASTM D516-90, 02)	7.7		5.0	1.5	mg/L			04/15/26 09:20	1
Nitrate as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-10

Lab Sample ID: 480-237530-3

Date Collected: 04/08/26 09:40

Matrix: Water

Date Received: 04/09/26 10:15

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Alkalinity, Total (SM 2320B)	496	B	5.0	0.79	mg/L			04/14/26 18:49	1
Alkalinity, Bicarbonate (SM 2320B)	496	B	5.0	0.79	mg/L			04/14/26 18:49	1
Alkalinity, Carbonate (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 18:49	1
Hydroxide Alkalinity (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 18:49	1
Ferrous Iron (SM 3500 FE D)	ND	HF	0.10	0.075	mg/L			04/16/26 09:32	1
Chloride (SM 4500 Cl- E)	856		20.0	9.2	mg/L			04/15/26 12:05	20
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/14/26 16:01	1

Client Sample ID: MW-11

Lab Sample ID: 480-237530-4

Date Collected: 04/08/26 09:40

Matrix: Water

Date Received: 04/09/26 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16		1.0	0.41	ug/L			04/09/26 18:40	1
Toluene	1.1		1.0	0.51	ug/L			04/09/26 18:40	1
Ethylbenzene	7.3		1.0	0.74	ug/L			04/09/26 18:40	1
m-Xylene & p-Xylene	1.5	J	2.0	0.66	ug/L			04/09/26 18:40	1
o-Xylene	2.3		1.0	0.76	ug/L			04/09/26 18:40	1
Xylenes, Total	3.8		2.0	0.66	ug/L			04/09/26 18:40	1
Total BTEX	28		2.0	1.0	ug/L			04/09/26 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120					04/09/26 18:40	1
1,2-Dichloroethane-d4 (Surr)	111		77 - 120					04/09/26 18:40	1
4-Bromofluorobenzene (Surr)	104		73 - 120					04/09/26 18:40	1
Dibromofluoromethane (Surr)	92		75 - 123					04/09/26 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	250	E	5.0	0.41	ug/L		04/09/26 13:56	04/10/26 15:51	1
Acenaphthylene	110	E	5.0	0.38	ug/L		04/09/26 13:56	04/10/26 15:51	1
Anthracene	11		5.0	0.28	ug/L		04/09/26 13:56	04/10/26 15:51	1
Benzo[a]anthracene	1.0	J	5.0	0.36	ug/L		04/09/26 13:56	04/10/26 15:51	1
Benzo[a]pyrene	0.55	J	5.0	0.47	ug/L		04/09/26 13:56	04/10/26 15:51	1
Benzo[b]fluoranthene	0.68	J	5.0	0.34	ug/L		04/09/26 13:56	04/10/26 15:51	1
Benzo[g,h,i]perylene	0.44	J	5.0	0.35	ug/L		04/09/26 13:56	04/10/26 15:51	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/09/26 13:56	04/10/26 15:51	1
Chrysene	2.2	J	5.0	0.33	ug/L		04/09/26 13:56	04/10/26 15:51	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/09/26 13:56	04/10/26 15:51	1
Fluoranthene	12		5.0	0.40	ug/L		04/09/26 13:56	04/10/26 15:51	1
Fluorene	57		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 15:51	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 15:51	1
Naphthalene	49		5.0	0.76	ug/L		04/09/26 13:56	04/10/26 15:51	1
Phenanthrene	130	E	5.0	0.44	ug/L		04/09/26 13:56	04/10/26 15:51	1
Pyrene	15		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	83		53 - 126				04/09/26 13:56	04/10/26 15:51	1
Nitrobenzene-d5 (Surr)	78		29 - 129				04/09/26 13:56	04/10/26 15:51	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-11

Lab Sample ID: 480-237530-4

Date Collected: 04/08/26 09:40

Matrix: Water

Date Received: 04/09/26 10:15

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	73		33 - 132	04/09/26 13:56	04/10/26 15:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	190		50	4.1	ug/L		04/09/26 13:56	04/13/26 11:23	10
Acenaphthylene	92		50	3.8	ug/L		04/09/26 13:56	04/13/26 11:23	10
Anthracene	18	J	50	2.8	ug/L		04/09/26 13:56	04/13/26 11:23	10
Benzo[a]anthracene	ND		50	3.6	ug/L		04/09/26 13:56	04/13/26 11:23	10
Benzo[a]pyrene	ND		50	4.7	ug/L		04/09/26 13:56	04/13/26 11:23	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		04/09/26 13:56	04/13/26 11:23	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		04/09/26 13:56	04/13/26 11:23	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		04/09/26 13:56	04/13/26 11:23	10
Chrysene	ND		50	3.3	ug/L		04/09/26 13:56	04/13/26 11:23	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		04/09/26 13:56	04/13/26 11:23	10
Fluoranthene	12	J	50	4.0	ug/L		04/09/26 13:56	04/13/26 11:23	10
Fluorene	59		50	3.6	ug/L		04/09/26 13:56	04/13/26 11:23	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		04/09/26 13:56	04/13/26 11:23	10
Naphthalene	48	J	50	7.6	ug/L		04/09/26 13:56	04/13/26 11:23	10
Phenanthrene	100		50	4.4	ug/L		04/09/26 13:56	04/13/26 11:23	10
Pyrene	17	J	50	3.4	ug/L		04/09/26 13:56	04/13/26 11:23	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	96		53 - 126	04/09/26 13:56	04/13/26 11:23	10
Nitrobenzene-d5 (Surr)	82		29 - 129	04/09/26 13:56	04/13/26 11:23	10
p-Terphenyl-d14 (Surr)	79		33 - 132	04/09/26 13:56	04/13/26 11:23	10

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CO2	69000		12000	5600	ug/L		04/17/26 15:52	04/17/26 21:30	1
Ethane	1.5	J	7.5	1.5	ug/L			04/13/26 11:05	1
Ethene	2.4	J	7.0	1.5	ug/L			04/13/26 11:05	1

Method: RSK-175 - Dissolved Gases (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	730		88	22	ug/L			04/13/26 12:17	22

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.66		0.0030	0.00040	mg/L		04/10/26 09:33	04/10/26 18:23	1
Lead	0.0073	J	0.010	0.0030	mg/L		04/10/26 09:33	04/10/26 18:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen (EPA 351.2)	1.4		0.20	0.19	mg/L		04/16/26 17:33	04/17/26 13:17	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/14/26 17:12	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/09/26 17:57	1
Cyanide, Total (SW846 9012B)	0.0074	J B	0.010	0.0041	mg/L			04/14/26 02:35	1
Sulfate (ASTM D516-90, 02)	40.3		25.0	7.5	mg/L			04/15/26 09:25	5
Nitrate as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrate Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-11

Lab Sample ID: 480-237530-4

Date Collected: 04/08/26 09:40

Matrix: Water

Date Received: 04/09/26 10:15

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	465	B	5.0	0.79	mg/L			04/14/26 18:57	1
Alkalinity, Bicarbonate (SM 2320B)	465	B	5.0	0.79	mg/L			04/14/26 18:57	1
Alkalinity, Carbonate (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 18:57	1
Hydroxide Alkalinity (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 18:57	1
Ferrous Iron (SM 3500 FE D)	ND	HF	0.10	0.075	mg/L			04/16/26 09:32	1
Chloride (SM 4500 Cl- E)	916		20.0	9.2	mg/L			04/15/26 12:06	20
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/15/26 16:30	1

Client Sample ID: MW-12

Lab Sample ID: 480-237530-5

Date Collected: 04/08/26 10:35

Matrix: Water

Date Received: 04/09/26 10:15

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			04/09/26 19:02	1
Toluene	ND		1.0	0.51	ug/L			04/09/26 19:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/09/26 19:02	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/09/26 19:02	1
o-Xylene	ND		1.0	0.76	ug/L			04/09/26 19:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/09/26 19:02	1
Total BTEX	ND		2.0	1.0	ug/L			04/09/26 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		04/09/26 19:02	1
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		04/09/26 19:02	1
4-Bromofluorobenzene (Surr)	101		73 - 120		04/09/26 19:02	1
Dibromofluoromethane (Surr)	87		75 - 123		04/09/26 19:02	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		04/09/26 13:56	04/10/26 16:18	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/09/26 13:56	04/10/26 16:18	1
Anthracene	0.44	J	5.0	0.28	ug/L		04/09/26 13:56	04/10/26 16:18	1
Benzo[a]anthracene	0.52	J	5.0	0.36	ug/L		04/09/26 13:56	04/10/26 16:18	1
Benzo[a]pyrene	0.59	J	5.0	0.47	ug/L		04/09/26 13:56	04/10/26 16:18	1
Benzo[b]fluoranthene	0.50	J	5.0	0.34	ug/L		04/09/26 13:56	04/10/26 16:18	1
Benzo[g,h,i]perylene	0.46	J	5.0	0.35	ug/L		04/09/26 13:56	04/10/26 16:18	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/09/26 13:56	04/10/26 16:18	1
Chrysene	0.40	J	5.0	0.33	ug/L		04/09/26 13:56	04/10/26 16:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/09/26 13:56	04/10/26 16:18	1
Fluoranthene	0.78	J	5.0	0.40	ug/L		04/09/26 13:56	04/10/26 16:18	1
Fluorene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 16:18	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 16:18	1
Naphthalene	ND		5.0	0.76	ug/L		04/09/26 13:56	04/10/26 16:18	1
Phenanthrene	0.57	J	5.0	0.44	ug/L		04/09/26 13:56	04/10/26 16:18	1
Pyrene	0.80	J	5.0	0.34	ug/L		04/09/26 13:56	04/10/26 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	99		53 - 126	04/09/26 13:56	04/10/26 16:18	1
Nitrobenzene-d5 (Surr)	81		29 - 129	04/09/26 13:56	04/10/26 16:18	1
p-Terphenyl-d14 (Surr)	82		33 - 132	04/09/26 13:56	04/10/26 16:18	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-12

Lab Sample ID: 480-237530-5

Date Collected: 04/08/26 10:35

Matrix: Water

Date Received: 04/09/26 10:15

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CO2	56000		12000	5600	ug/L		04/17/26 15:52	04/17/26 21:39	1
Methane	ND		4.0	1.0	ug/L			04/13/26 11:39	1
Ethane	ND		7.5	1.5	ug/L			04/13/26 11:39	1
Ethene	ND		7.0	1.5	ug/L			04/13/26 11:39	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.22		0.0030	0.00040	mg/L		04/10/26 09:33	04/10/26 18:29	1
Lead	0.0036	J	0.010	0.0030	mg/L		04/10/26 09:33	04/10/26 18:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen (EPA 351.2)	0.50		0.20	0.19	mg/L		04/16/26 17:33	04/17/26 13:18	1
Nitrate Nitrite as N (EPA 353.2)	2.8		0.050	0.020	mg/L			04/14/26 17:14	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/09/26 17:57	1
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			04/14/26 02:39	1
Sulfate (ASTM D516-90, 02)	64.0		25.0	7.5	mg/L			04/15/26 09:28	5
Nitrate as N (SM Nitrate by calc)	2.8	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrate Nitrite as N (SM Nitrate by calc)	2.8	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Alkalinity, Total (SM 2320B)	383	B	5.0	0.79	mg/L			04/14/26 19:05	1
Alkalinity, Bicarbonate (SM 2320B)	383	B	5.0	0.79	mg/L			04/14/26 19:05	1
Alkalinity, Carbonate (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 19:05	1
Hydroxide Alkalinity (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 19:05	1
Ferrous Iron (SM 3500 FE D)	ND	HF	0.10	0.075	mg/L			04/16/26 09:32	1
Chloride (SM 4500 Cl- E)	471		20.0	9.2	mg/L			04/15/26 12:06	20
Sulfide (SM 4500 S2 F)	ND	F1	1.0	0.67	mg/L			04/15/26 16:30	1

Client Sample ID: MW-13

Lab Sample ID: 480-237530-6

Date Collected: 04/08/26 10:40

Matrix: Water

Date Received: 04/09/26 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.6	F2	1.0	0.41	ug/L			04/09/26 19:25	1
Toluene	ND		1.0	0.51	ug/L			04/09/26 19:25	1
Ethylbenzene	ND	F1 F2	1.0	0.74	ug/L			04/09/26 19:25	1
m-Xylene & p-Xylene	3.9		2.0	0.66	ug/L			04/09/26 19:25	1
o-Xylene	6.3	F2	1.0	0.76	ug/L			04/09/26 19:25	1
Xylenes, Total	10	F2	2.0	0.66	ug/L			04/09/26 19:25	1
Total BTEX	14		2.0	1.0	ug/L			04/09/26 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		04/09/26 19:25	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		04/09/26 19:25	1
4-Bromofluorobenzene (Surr)	99		73 - 120		04/09/26 19:25	1
Dibromofluoromethane (Surr)	78		75 - 123		04/09/26 19:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.5	J	5.0	0.41	ug/L		04/09/26 13:56	04/10/26 13:40	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-13

Lab Sample ID: 480-237530-6

Date Collected: 04/08/26 10:40

Matrix: Water

Date Received: 04/09/26 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.88	J	5.0	0.38	ug/L		04/09/26 13:56	04/10/26 13:40	1
Anthracene	ND		5.0	0.28	ug/L		04/09/26 13:56	04/10/26 13:40	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 13:40	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 13:40	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 13:40	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/09/26 13:56	04/10/26 13:40	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/09/26 13:56	04/10/26 13:40	1
Chrysene	ND		5.0	0.33	ug/L		04/09/26 13:56	04/10/26 13:40	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/09/26 13:56	04/10/26 13:40	1
Fluoranthene	ND		5.0	0.40	ug/L		04/09/26 13:56	04/10/26 13:40	1
Fluorene	0.69	J	5.0	0.36	ug/L		04/09/26 13:56	04/10/26 13:40	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 13:40	1
Naphthalene	3.1	J	5.0	0.76	ug/L		04/09/26 13:56	04/10/26 13:40	1
Phenanthrene	0.60	J	5.0	0.44	ug/L		04/09/26 13:56	04/10/26 13:40	1
Pyrene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		53 - 126				04/09/26 13:56	04/10/26 13:40	1
Nitrobenzene-d5 (Surr)	81		29 - 129				04/09/26 13:56	04/10/26 13:40	1
p-Terphenyl-d14 (Surr)	78		33 - 132				04/09/26 13:56	04/10/26 13:40	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CO2	9800	J F1	12000	5600	ug/L		04/17/26 15:52	04/17/26 21:47	1
Methane	9.7		4.0	1.0	ug/L			04/13/26 09:11	1
Ethane	ND		7.5	1.5	ug/L			04/13/26 09:11	1
Ethene	ND		7.0	1.5	ug/L			04/13/26 09:11	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.018		0.0030	0.00040	mg/L		04/10/26 09:33	04/10/26 18:31	1
Lead	ND		0.010	0.0030	mg/L		04/10/26 09:33	04/10/26 18:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen (EPA 351.2)	0.29		0.20	0.19	mg/L		04/16/26 17:33	04/17/26 13:22	1
Nitrate Nitrite as N (EPA 353.2)	0.11		0.050	0.020	mg/L			04/14/26 17:03	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/09/26 17:54	1
Cyanide, Total (SW846 9012B)	0.022	B	0.010	0.0041	mg/L			04/14/26 03:02	1
Sulfate (ASTM D516-90, 02)	10.8		5.0	1.5	mg/L			04/15/26 09:32	1
Nitrate as N (SM Nitrate by calc)	0.11	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrate Nitrite as N (SM Nitrate by calc)	0.11	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Alkalinity, Total (SM 2320B)	238	B F1	5.0	0.79	mg/L			04/14/26 19:51	1
Alkalinity, Bicarbonate (SM 2320B)	225	B	5.0	0.79	mg/L			04/14/26 19:51	1
Alkalinity, Carbonate (SM 2320B)	13.1		5.0	0.79	mg/L			04/14/26 19:51	1
Hydroxide Alkalinity (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 19:51	1
Ferrous Iron (SM 3500 FE D)	ND	HF	0.10	0.075	mg/L			04/16/26 09:30	1
Chloride (SM 4500 Cl- E)	44.8		1.0	0.46	mg/L			04/15/26 11:11	1
Sulfide (SM 4500 S2 F)	ND	F1	1.0	0.67	mg/L			04/14/26 16:01	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-14

Lab Sample ID: 480-237530-7

Date Collected: 04/08/26 09:40

Matrix: Water

Date Received: 04/09/26 10:15

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			04/09/26 19:47	1
Toluene	ND		1.0	0.51	ug/L			04/09/26 19:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/09/26 19:47	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/09/26 19:47	1
o-Xylene	ND		1.0	0.76	ug/L			04/09/26 19:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/09/26 19:47	1
Total BTEX	ND		2.0	1.0	ug/L			04/09/26 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		04/09/26 19:47	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		04/09/26 19:47	1
4-Bromofluorobenzene (Surr)	102		73 - 120		04/09/26 19:47	1
Dibromofluoromethane (Surr)	94		75 - 123		04/09/26 19:47	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		04/09/26 13:56	04/10/26 16:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/09/26 13:56	04/10/26 16:44	1
Anthracene	ND		5.0	0.28	ug/L		04/09/26 13:56	04/10/26 16:44	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 16:44	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 16:44	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 16:44	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/09/26 13:56	04/10/26 16:44	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/09/26 13:56	04/10/26 16:44	1
Chrysene	ND		5.0	0.33	ug/L		04/09/26 13:56	04/10/26 16:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/09/26 13:56	04/10/26 16:44	1
Fluoranthene	ND		5.0	0.40	ug/L		04/09/26 13:56	04/10/26 16:44	1
Fluorene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 16:44	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 16:44	1
Naphthalene	ND		5.0	0.76	ug/L		04/09/26 13:56	04/10/26 16:44	1
Phenanthrene	ND		5.0	0.44	ug/L		04/09/26 13:56	04/10/26 16:44	1
Pyrene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	89		53 - 126	04/09/26 13:56	04/10/26 16:44	1
Nitrobenzene-d5 (Surr)	80		29 - 129	04/09/26 13:56	04/10/26 16:44	1
p-Terphenyl-d14 (Surr)	71		33 - 132	04/09/26 13:56	04/10/26 16:44	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CO2	16000		12000	5600	ug/L		04/17/26 15:52	04/17/26 22:11	1
Methane	3.0	J	4.0	1.0	ug/L			04/13/26 12:36	1
Ethane	ND		7.5	1.5	ug/L			04/13/26 12:36	1
Ethene	ND		7.0	1.5	ug/L			04/13/26 12:36	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.088		0.0030	0.00040	mg/L		04/10/26 09:33	04/10/26 18:41	1
Lead	ND		0.010	0.0030	mg/L		04/10/26 09:33	04/10/26 18:41	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-14

Lab Sample ID: 480-237530-7

Date Collected: 04/08/26 09:40

Matrix: Water

Date Received: 04/09/26 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen (EPA 351.2)	0.31		0.20	0.19	mg/L		04/16/26 17:33	04/17/26 13:19	1
Nitrate Nitrite as N (EPA 353.2)	0.62		0.050	0.020	mg/L			04/14/26 17:16	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/09/26 17:58	1
Cyanide, Total (SW846 9012B)	0.039	B	0.010	0.0041	mg/L			04/14/26 02:43	1
Sulfate (ASTM D516-90, 02)	11.8		5.0	1.5	mg/L			04/15/26 09:26	1
Nitrate as N (SM Nitrate by calc)	0.62	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrate Nitrite as N (SM Nitrate by calc)	0.62	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Alkalinity, Total (SM 2320B)	301	B	5.0	0.79	mg/L			04/14/26 19:11	1
Alkalinity, Bicarbonate (SM 2320B)	301	B	5.0	0.79	mg/L			04/14/26 19:11	1
Alkalinity, Carbonate (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 19:11	1
Hydroxide Alkalinity (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 19:11	1
Ferrous Iron (SM 3500 FE D)	ND	HF	0.10	0.075	mg/L			04/16/26 09:33	1
Chloride (SM 4500 Cl- E)	4.7		1.0	0.46	mg/L			04/15/26 11:08	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/15/26 16:30	1

Client Sample ID: MW-15

Lab Sample ID: 480-237530-8

Date Collected: 04/08/26 10:45

Matrix: Water

Date Received: 04/09/26 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	11		1.0	0.41	ug/L			04/09/26 20:09	1
Toluene	1.0		1.0	0.51	ug/L			04/09/26 20:09	1
Ethylbenzene	26		1.0	0.74	ug/L			04/09/26 20:09	1
m-Xylene & p-Xylene	1.9	J	2.0	0.66	ug/L			04/09/26 20:09	1
o-Xylene	12		1.0	0.76	ug/L			04/09/26 20:09	1
Xylenes, Total	14		2.0	0.66	ug/L			04/09/26 20:09	1
Total BTEX	52		2.0	1.0	ug/L			04/09/26 20:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120					04/09/26 20:09	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					04/09/26 20:09	1
4-Bromofluorobenzene (Surr)	99		73 - 120					04/09/26 20:09	1
Dibromofluoromethane (Surr)	80		75 - 123					04/09/26 20:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	38		5.0	0.41	ug/L		04/09/26 13:56	04/10/26 17:11	1
Acenaphthylene	2.8	J	5.0	0.38	ug/L		04/09/26 13:56	04/10/26 17:11	1
Anthracene	ND		5.0	0.28	ug/L		04/09/26 13:56	04/10/26 17:11	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 17:11	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 17:11	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 17:11	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/09/26 13:56	04/10/26 17:11	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/09/26 13:56	04/10/26 17:11	1
Chrysene	ND		5.0	0.33	ug/L		04/09/26 13:56	04/10/26 17:11	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/09/26 13:56	04/10/26 17:11	1
Fluoranthene	ND		5.0	0.40	ug/L		04/09/26 13:56	04/10/26 17:11	1
Fluorene	5.5		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 17:11	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 17:11	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-15

Lab Sample ID: 480-237530-8

Date Collected: 04/08/26 10:45

Matrix: Water

Date Received: 04/09/26 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	120	E	5.0	0.76	ug/L		04/09/26 13:56	04/10/26 17:11	1
Phenanthrene	0.98	J	5.0	0.44	ug/L		04/09/26 13:56	04/10/26 17:11	1
Pyrene	0.35	J	5.0	0.34	ug/L		04/09/26 13:56	04/10/26 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	95		53 - 126				04/09/26 13:56	04/10/26 17:11	1
Nitrobenzene-d5 (Surr)	85		29 - 129				04/09/26 13:56	04/10/26 17:11	1
p-Terphenyl-d14 (Surr)	73		33 - 132				04/09/26 13:56	04/10/26 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	35		25	2.1	ug/L		04/09/26 13:56	04/13/26 11:50	5
Acenaphthylene	3.3	J	25	1.9	ug/L		04/09/26 13:56	04/13/26 11:50	5
Anthracene	ND		25	1.4	ug/L		04/09/26 13:56	04/13/26 11:50	5
Benzo[a]anthracene	ND		25	1.8	ug/L		04/09/26 13:56	04/13/26 11:50	5
Benzo[a]pyrene	ND		25	2.4	ug/L		04/09/26 13:56	04/13/26 11:50	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		04/09/26 13:56	04/13/26 11:50	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		04/09/26 13:56	04/13/26 11:50	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		04/09/26 13:56	04/13/26 11:50	5
Chrysene	ND		25	1.7	ug/L		04/09/26 13:56	04/13/26 11:50	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		04/09/26 13:56	04/13/26 11:50	5
Fluoranthene	ND		25	2.0	ug/L		04/09/26 13:56	04/13/26 11:50	5
Fluorene	4.5	J	25	1.8	ug/L		04/09/26 13:56	04/13/26 11:50	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		04/09/26 13:56	04/13/26 11:50	5
Naphthalene	110		25	3.8	ug/L		04/09/26 13:56	04/13/26 11:50	5
Phenanthrene	ND		25	2.2	ug/L		04/09/26 13:56	04/13/26 11:50	5
Pyrene	ND		25	1.7	ug/L		04/09/26 13:56	04/13/26 11:50	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	78		53 - 126				04/09/26 13:56	04/13/26 11:50	5
Nitrobenzene-d5 (Surr)	87		29 - 129				04/09/26 13:56	04/13/26 11:50	5
p-Terphenyl-d14 (Surr)	66		33 - 132				04/09/26 13:56	04/13/26 11:50	5

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CO2	60000		12000	5600	ug/L		04/17/26 15:52	04/17/26 22:20	1
Ethane	2.0	J	7.5	1.5	ug/L			04/13/26 12:55	1
Ethene	ND		7.0	1.5	ug/L			04/13/26 12:55	1

Method: RSK-175 - Dissolved Gases (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	2000		88	22	ug/L			04/13/26 13:14	22

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.75		0.0030	0.00040	mg/L		04/10/26 09:33	04/10/26 18:43	1
Lead	0.0039	J	0.010	0.0030	mg/L		04/10/26 09:33	04/10/26 18:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen (EPA 351.2)	1.0		0.20	0.19	mg/L		04/16/26 17:33	04/17/26 13:20	1
Nitrate Nitrite as N (EPA 353.2)	ND	F1	0.050	0.020	mg/L			04/14/26 17:22	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-15

Lab Sample ID: 480-237530-8

Date Collected: 04/08/26 10:45

Matrix: Water

Date Received: 04/09/26 10:15

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/09/26 17:59	1
Cyanide, Total (SW846 9012B)	0.095	B	0.010	0.0041	mg/L			04/14/26 03:14	1
Sulfate (ASTM D516-90, 02)	21.2		5.0	1.5	mg/L			04/15/26 09:28	1
Nitrate as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrate Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Alkalinity, Total (SM 2320B)	456	B	5.0	0.79	mg/L			04/14/26 20:17	1
Alkalinity, Bicarbonate (SM 2320B)	456	B	5.0	0.79	mg/L			04/14/26 20:17	1
Alkalinity, Carbonate (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 20:17	1
Hydroxide Alkalinity (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 20:17	1
Ferrous Iron (SM 3500 FE D)	ND	HF	0.10	0.075	mg/L			04/16/26 09:33	1
Chloride (SM 4500 Cl- E)	7.7		1.0	0.46	mg/L			04/15/26 11:08	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/15/26 16:30	1

Client Sample ID: MW-16

Lab Sample ID: 480-237530-9

Date Collected: 04/08/26 08:45

Matrix: Water

Date Received: 04/09/26 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.1		1.0	0.41	ug/L			04/09/26 20:31	1
Toluene	ND		1.0	0.51	ug/L			04/09/26 20:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/09/26 20:31	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/09/26 20:31	1
o-Xylene	0.92	J	1.0	0.76	ug/L			04/09/26 20:31	1
Xylenes, Total	0.92	J	2.0	0.66	ug/L			04/09/26 20:31	1
Total BTEX	5.0		2.0	1.0	ug/L			04/09/26 20:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		04/09/26 20:31	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		04/09/26 20:31	1
4-Bromofluorobenzene (Surr)	100		73 - 120		04/09/26 20:31	1
Dibromofluoromethane (Surr)	82		75 - 123		04/09/26 20:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	3.3	J	5.0	0.41	ug/L		04/09/26 13:56	04/10/26 17:37	1
Acenaphthylene	0.61	J	5.0	0.38	ug/L		04/09/26 13:56	04/10/26 17:37	1
Anthracene	ND		5.0	0.28	ug/L		04/09/26 13:56	04/10/26 17:37	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 17:37	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 17:37	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 17:37	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/09/26 13:56	04/10/26 17:37	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/09/26 13:56	04/10/26 17:37	1
Chrysene	ND		5.0	0.33	ug/L		04/09/26 13:56	04/10/26 17:37	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/09/26 13:56	04/10/26 17:37	1
Fluoranthene	ND		5.0	0.40	ug/L		04/09/26 13:56	04/10/26 17:37	1
Fluorene	0.83	J	5.0	0.36	ug/L		04/09/26 13:56	04/10/26 17:37	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 17:37	1
Naphthalene	ND		5.0	0.76	ug/L		04/09/26 13:56	04/10/26 17:37	1
Phenanthrene	ND		5.0	0.44	ug/L		04/09/26 13:56	04/10/26 17:37	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: MW-16

Lab Sample ID: 480-237530-9

Date Collected: 04/08/26 08:45

Matrix: Water

Date Received: 04/09/26 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	91		53 - 126	04/09/26 13:56	04/10/26 17:37	1
Nitrobenzene-d5 (Surr)	74		29 - 129	04/09/26 13:56	04/10/26 17:37	1
p-Terphenyl-d14 (Surr)	77		33 - 132	04/09/26 13:56	04/10/26 17:37	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CO2	44000		12000	5600	ug/L		04/17/26 15:52	04/17/26 22:36	1
Methane	120		4.0	1.0	ug/L			04/14/26 10:48	1
Ethane	ND		7.5	1.5	ug/L			04/14/26 10:48	1
Ethene	ND		7.0	1.5	ug/L			04/14/26 10:48	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.036		0.0030	0.00040	mg/L		04/10/26 09:33	04/10/26 18:44	1
Lead	ND		0.010	0.0030	mg/L		04/10/26 09:33	04/10/26 18:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen (EPA 351.2)	0.63		0.20	0.19	mg/L		04/16/26 17:33	04/17/26 13:21	1
Nitrate Nitrite as N (EPA 353.2)	1.9		0.050	0.020	mg/L			04/14/26 17:26	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/09/26 18:00	1
Cyanide, Total (SW846 9012B)	0.094	B	0.010	0.0041	mg/L			04/14/26 03:18	1
Sulfate (ASTM D516-90, 02)	38.3		25.0	7.5	mg/L			04/15/26 09:37	5
Nitrate as N (SM Nitrate by calc)	1.9	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrate Nitrite as N (SM Nitrate by calc)	1.9	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1
Alkalinity, Total (SM 2320B)	512	B	5.0	0.79	mg/L			04/14/26 20:25	1
Alkalinity, Bicarbonate (SM 2320B)	512	B	5.0	0.79	mg/L			04/14/26 20:25	1
Alkalinity, Carbonate (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 20:25	1
Hydroxide Alkalinity (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 20:25	1
Ferrous Iron (SM 3500 FE D)	ND	HF	0.10	0.075	mg/L			04/16/26 09:34	1
Chloride (SM 4500 Cl- E)	4.2		1.0	0.46	mg/L			04/15/26 11:08	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/15/26 16:30	1

Client Sample ID: Field Duplicate

Lab Sample ID: 480-237530-10

Date Collected: 04/08/26 00:00

Matrix: Water

Date Received: 04/09/26 10:15

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			04/09/26 20:53	1
Toluene	ND		1.0	0.51	ug/L			04/09/26 20:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/09/26 20:53	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/09/26 20:53	1
o-Xylene	ND		1.0	0.76	ug/L			04/09/26 20:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/09/26 20:53	1
Total BTEX	ND		2.0	1.0	ug/L			04/09/26 20:53	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: Field Duplicate

Lab Sample ID: 480-237530-10

Date Collected: 04/08/26 00:00

Matrix: Water

Date Received: 04/09/26 10:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		04/09/26 20:53	1
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		04/09/26 20:53	1
4-Bromofluorobenzene (Surr)	103		73 - 120		04/09/26 20:53	1
Dibromofluoromethane (Surr)	91		75 - 123		04/09/26 20:53	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		04/09/26 13:56	04/10/26 18:04	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/09/26 13:56	04/10/26 18:04	1
Anthracene	ND		5.0	0.28	ug/L		04/09/26 13:56	04/10/26 18:04	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 18:04	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 18:04	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 18:04	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/09/26 13:56	04/10/26 18:04	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/09/26 13:56	04/10/26 18:04	1
Chrysene	ND		5.0	0.33	ug/L		04/09/26 13:56	04/10/26 18:04	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/09/26 13:56	04/10/26 18:04	1
Fluoranthene	ND		5.0	0.40	ug/L		04/09/26 13:56	04/10/26 18:04	1
Fluorene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 18:04	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 18:04	1
Naphthalene	ND		5.0	0.76	ug/L		04/09/26 13:56	04/10/26 18:04	1
Phenanthrene	ND		5.0	0.44	ug/L		04/09/26 13:56	04/10/26 18:04	1
Pyrene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	95		53 - 126	04/09/26 13:56	04/10/26 18:04	1
Nitrobenzene-d5 (Surr)	88		29 - 129	04/09/26 13:56	04/10/26 18:04	1
p-Terphenyl-d14 (Surr)	74		33 - 132	04/09/26 13:56	04/10/26 18:04	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CO2	15000		12000	5600	ug/L		04/17/26 15:52	04/17/26 22:44	1
Methane	3.4	J	4.0	1.0	ug/L			04/14/26 11:07	1
Ethane	ND		7.5	1.5	ug/L			04/14/26 11:07	1
Ethene	ND		7.0	1.5	ug/L			04/14/26 11:07	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.082		0.0030	0.00040	mg/L		04/10/26 09:33	04/10/26 18:46	1
Lead	ND		0.010	0.0030	mg/L		04/10/26 09:33	04/10/26 18:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen (EPA 351.2)	0.24		0.20	0.19	mg/L		04/16/26 17:33	04/17/26 13:21	1
Nitrate Nitrite as N (EPA 353.2)	0.61		0.050	0.020	mg/L			04/14/26 17:27	1
Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			04/09/26 18:00	1
Cyanide, Total (SW846 9012B)	0.045	B	0.010	0.0041	mg/L			04/14/26 03:21	1
Sulfate (ASTM D516-90, 02)	11.7		5.0	1.5	mg/L			04/15/26 09:29	1
Nitrate as N (SM Nitrate by calc)	0.61	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrate Nitrite as N (SM Nitrate by calc)	0.61	H	0.050	0.020	mg/L			04/16/26 14:15	1
Nitrite as N (SM Nitrate by calc)	ND	H	0.050	0.020	mg/L			04/16/26 14:15	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Client Sample ID: Field Duplicate

Lab Sample ID: 480-237530-10

Date Collected: 04/08/26 00:00

Matrix: Water

Date Received: 04/09/26 10:15

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	305	B	5.0	0.79	mg/L			04/14/26 20:32	1
Alkalinity, Bicarbonate (SM 2320B)	305	B	5.0	0.79	mg/L			04/14/26 20:32	1
Alkalinity, Carbonate (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 20:32	1
Hydroxide Alkalinity (SM 2320B)	ND		5.0	0.79	mg/L			04/14/26 20:32	1
Ferrous Iron (SM 3500 FE D)	ND	HF	0.10	0.075	mg/L			04/16/26 09:35	1
Chloride (SM 4500 Cl- E)	4.8		1.0	0.46	mg/L			04/15/26 11:08	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			04/15/26 16:30	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-237530-1	MW-4	97	103	98	91
480-237530-2	MW-7	96	107	102	87
480-237530-3	MW-10	97	108	96	84
480-237530-4	MW-11	98	111	104	92
480-237530-5	MW-12	97	108	101	87
480-237530-6	MW-13	100	100	99	78
480-237530-6 MS	MW-13	97	107	98	90
480-237530-6 MSD	MW-13	95	107	101	85
480-237530-7	MW-14	98	106	102	94
480-237530-8	MW-15	92	99	99	80
480-237530-9	MW-16	97	104	100	82
480-237530-10	Field Duplicate	97	107	103	91
LCS 480-772283/7	Lab Control Sample	91	106	94	82
MB 480-772283/9	Method Blank	99	110	102	88

Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (53-126)	NBZ (29-129)	TPHd14 (33-132)
480-237530-1	MW-4	87	79	94
480-237530-2	MW-7	97	89	76
480-237530-3	MW-10	98	87	73
480-237530-4	MW-11	83	78	73
480-237530-4 - DL	MW-11	96	82	79
480-237530-5	MW-12	99	81	82
480-237530-6	MW-13	92	81	78
480-237530-6 MS	MW-13	87	93	66
480-237530-6 MSD	MW-13	84	95	74
480-237530-7	MW-14	89	80	71
480-237530-8	MW-15	95	85	73
480-237530-8 - DL	MW-15	78	87	66
480-237530-9	MW-16	91	74	77
480-237530-10	Field Duplicate	95	88	74
LCS 480-772311/2-A	Lab Control Sample	86	91	98
MB 480-772311/1-A	Method Blank	74	72	89

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

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

Lab Sample ID: MB 480-772283/9

Matrix: Water

Analysis Batch: 772283

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			04/09/26 14:35	1
Toluene	ND		1.0	0.51	ug/L			04/09/26 14:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/09/26 14:35	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/09/26 14:35	1
o-Xylene	ND		1.0	0.76	ug/L			04/09/26 14:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/09/26 14:35	1
Total BTEX	ND		2.0	1.0	ug/L			04/09/26 14:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		04/09/26 14:35	1
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		04/09/26 14:35	1
4-Bromofluorobenzene (Surr)	102		73 - 120		04/09/26 14:35	1
Dibromofluoromethane (Surr)	88		75 - 123		04/09/26 14:35	1

Lab Sample ID: LCS 480-772283/7

Matrix: Water

Analysis Batch: 772283

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	25.0	25.3		ug/L		101	71 - 124
Toluene	25.0	28.1		ug/L		112	80 - 122
Ethylbenzene	25.0	29.7		ug/L		119	77 - 123
m-Xylene & p-Xylene	25.0	26.8		ug/L		107	76 - 122
o-Xylene	25.0	26.6		ug/L		107	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	91		80 - 120
1,2-Dichloroethane-d4 (Surr)	106		77 - 120
4-Bromofluorobenzene (Surr)	94		73 - 120
Dibromofluoromethane (Surr)	82		75 - 123

Lab Sample ID: 480-237530-6 MS

Matrix: Water

Analysis Batch: 772283

Client Sample ID: MW-13

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	3.6	F2	25.0	28.5		ug/L		100	71 - 124
Toluene	ND		25.0	28.5		ug/L		114	80 - 122
Ethylbenzene	ND	F1 F2	25.0	31.1	F1	ug/L		124	77 - 123
m-Xylene & p-Xylene	3.9		25.0	31.5		ug/L		110	76 - 122
o-Xylene	6.3	F2	25.0	34.3		ug/L		112	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	107		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	90		75 - 123

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

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

Lab Sample ID: 480-237530-6 MSD

Matrix: Water

Analysis Batch: 772283

Client Sample ID: MW-13

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	3.6	F2	25.0	24.8	F2	ug/L		85	71 - 124	14	13
Toluene	ND		25.0	25.0		ug/L		100	80 - 122	13	15
Ethylbenzene	ND	F1 F2	25.0	25.7	F2	ug/L		103	77 - 123	19	15
m-Xylene & p-Xylene	3.9		25.0	27.6		ug/L		95	76 - 122	13	16
o-Xylene	6.3	F2	25.0	27.8	F2	ug/L		86	76 - 122	21	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	95		80 - 120
1,2-Dichloroethane-d4 (Surr)	107		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	85		75 - 123

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

Lab Sample ID: MB 480-772311/1-A

Matrix: Water

Analysis Batch: 772364

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 772311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		04/09/26 13:56	04/10/26 11:01	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/09/26 13:56	04/10/26 11:01	1
Anthracene	ND		5.0	0.28	ug/L		04/09/26 13:56	04/10/26 11:01	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 11:01	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 11:01	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 11:01	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/09/26 13:56	04/10/26 11:01	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/09/26 13:56	04/10/26 11:01	1
Chrysene	ND		5.0	0.33	ug/L		04/09/26 13:56	04/10/26 11:01	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/09/26 13:56	04/10/26 11:01	1
Fluoranthene	ND		5.0	0.40	ug/L		04/09/26 13:56	04/10/26 11:01	1
Fluorene	ND		5.0	0.36	ug/L		04/09/26 13:56	04/10/26 11:01	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/09/26 13:56	04/10/26 11:01	1
Naphthalene	ND		5.0	0.76	ug/L		04/09/26 13:56	04/10/26 11:01	1
Phenanthrene	ND		5.0	0.44	ug/L		04/09/26 13:56	04/10/26 11:01	1
Pyrene	ND		5.0	0.34	ug/L		04/09/26 13:56	04/10/26 11:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	74		53 - 126	04/09/26 13:56	04/10/26 11:01	1
Nitrobenzene-d5 (Surr)	72		29 - 129	04/09/26 13:56	04/10/26 11:01	1
p-Terphenyl-d14 (Surr)	89		33 - 132	04/09/26 13:56	04/10/26 11:01	1

Lab Sample ID: LCS 480-772311/2-A

Matrix: Water

Analysis Batch: 772364

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 772311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	28.5		ug/L		89	60 - 120
Acenaphthylene	32.0	29.2		ug/L		91	63 - 120
Anthracene	32.0	33.3		ug/L		104	67 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

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

Lab Sample ID: LCS 480-772311/2-A

Matrix: Water

Analysis Batch: 772364

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 772311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	32.0	35.3		ug/L		110	70 - 121
Benzo[a]pyrene	32.0	33.9		ug/L		106	60 - 123
Benzo[b]fluoranthene	32.0	34.7		ug/L		108	66 - 126
Benzo[g,h,i]perylene	32.0	34.4		ug/L		107	66 - 150
Benzo[k]fluoranthene	32.0	35.7		ug/L		111	65 - 124
Chrysene	32.0	36.4		ug/L		114	69 - 120
Dibenz(a,h)anthracene	32.0	35.9		ug/L		112	65 - 135
Fluoranthene	32.0	35.9		ug/L		112	69 - 126
Fluorene	32.0	32.3		ug/L		101	66 - 120
Indeno[1,2,3-cd]pyrene	32.0	35.1		ug/L		110	69 - 146
Naphthalene	32.0	26.0		ug/L		81	57 - 120
Phenanthrene	32.0	32.5		ug/L		102	68 - 120
Pyrene	32.0	37.2		ug/L		116	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	86		53 - 126
Nitrobenzene-d5 (Surr)	91		29 - 129
p-Terphenyl-d14 (Surr)	98		33 - 132

Lab Sample ID: 480-237530-6 MS

Matrix: Water

Analysis Batch: 772364

Client Sample ID: MW-13

Prep Type: Total/NA

Prep Batch: 772311

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1.5	J	32.0	31.5		ug/L		94	48 - 120
Acenaphthylene	0.88	J	32.0	31.3		ug/L		95	63 - 120
Anthracene	ND		32.0	32.2		ug/L		101	65 - 122
Benzo[a]anthracene	ND		32.0	29.7		ug/L		93	43 - 124
Benzo[a]pyrene	ND		32.0	27.7		ug/L		87	23 - 125
Benzo[b]fluoranthene	ND		32.0	27.1		ug/L		85	27 - 127
Benzo[g,h,i]perylene	ND		32.0	27.6		ug/L		86	16 - 147
Benzo[k]fluoranthene	ND		32.0	28.7		ug/L		90	20 - 124
Chrysene	ND		32.0	29.8		ug/L		93	44 - 122
Dibenz(a,h)anthracene	ND		32.0	26.9		ug/L		84	16 - 139
Fluoranthene	ND		32.0	33.7		ug/L		105	63 - 129
Fluorene	0.69	J	32.0	34.2		ug/L		105	62 - 120
Indeno[1,2,3-cd]pyrene	ND		32.0	27.3		ug/L		85	16 - 140
Naphthalene	3.1	J	32.0	26.9		ug/L		74	45 - 120
Phenanthrene	0.60	J	32.0	34.9		ug/L		107	65 - 122
Pyrene	ND		32.0	32.4		ug/L		101	58 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	87		53 - 126
Nitrobenzene-d5 (Surr)	93		29 - 129
p-Terphenyl-d14 (Surr)	66		33 - 132

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

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

Lab Sample ID: 480-237530-6 MSD

Matrix: Water

Analysis Batch: 772364

Client Sample ID: MW-13

Prep Type: Total/NA

Prep Batch: 772311

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	1.5	J	32.0	31.5		ug/L		94	48 - 120	0	24
Acenaphthylene	0.88	J	32.0	30.7		ug/L		93	63 - 120	2	18
Anthracene	ND		32.0	30.9		ug/L		97	65 - 122	4	15
Benzo[a]anthracene	ND		32.0	32.5		ug/L		102	43 - 124	9	15
Benzo[a]pyrene	ND		32.0	29.9		ug/L		94	23 - 125	8	15
Benzo[b]fluoranthene	ND		32.0	30.0		ug/L		94	27 - 127	10	15
Benzo[g,h,i]perylene	ND		32.0	30.2		ug/L		94	16 - 147	9	15
Benzo[k]fluoranthene	ND		32.0	29.6		ug/L		93	20 - 124	3	22
Chrysene	ND		32.0	32.8		ug/L		103	44 - 122	10	15
Dibenz(a,h)anthracene	ND		32.0	29.7		ug/L		93	16 - 139	10	15
Fluoranthene	ND		32.0	33.5		ug/L		105	63 - 129	1	15
Fluorene	0.69	J	32.0	33.0		ug/L		101	62 - 120	4	15
Indeno[1,2,3-cd]pyrene	ND		32.0	29.9		ug/L		93	16 - 140	9	15
Naphthalene	3.1	J	32.0	32.2		ug/L		91	45 - 120	18	29
Phenanthrene	0.60	J	32.0	33.8		ug/L		104	65 - 122	3	15
Pyrene	ND		32.0	33.9		ug/L		106	58 - 128	5	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	84		53 - 126
Nitrobenzene-d5 (Surr)	95		29 - 129
p-Terphenyl-d14 (Surr)	74		33 - 132

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 480-772479/6

Matrix: Water

Analysis Batch: 772479

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		4.0	1.0	ug/L			04/13/26 08:28	1
Ethane	ND		7.5	1.5	ug/L			04/13/26 08:28	1
Ethene	ND		7.0	1.5	ug/L			04/13/26 08:28	1

Lab Sample ID: LCS 480-772479/7

Matrix: Water

Analysis Batch: 772479

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane	19.5	19.0		ug/L		97	85 - 115
Ethane	36.5	34.7		ug/L		95	85 - 115
Ethene	34.0	32.1		ug/L		94	85 - 115

Lab Sample ID: 480-237530-6 MS

Matrix: Water

Analysis Batch: 772479

Client Sample ID: MW-13

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methane	9.7		19.5	27.1		ug/L		89	38 - 150
Ethane	ND		36.5	32.8		ug/L		90	76 - 125
Ethene	ND		34.0	30.4		ug/L		89	75 - 129

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: 480-237530-6 MSD

Matrix: Water

Analysis Batch: 772479

Client Sample ID: MW-13

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane	9.7		19.5	27.2		ug/L		90	38 - 150	0	20
Ethane	ND		36.5	32.6		ug/L		89	76 - 125	1	20
Ethene	ND		34.0	30.6		ug/L		90	75 - 129	1	20

Lab Sample ID: MB 480-772593/5

Matrix: Water

Analysis Batch: 772593

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		4.0	1.0	ug/L			04/14/26 07:57	1
Ethane	ND		7.5	1.5	ug/L			04/14/26 07:57	1
Ethene	ND		7.0	1.5	ug/L			04/14/26 07:57	1

Lab Sample ID: LCS 480-772593/6

Matrix: Water

Analysis Batch: 772593

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane	19.5	18.8		ug/L		96	85 - 115
Ethane	36.5	36.3		ug/L		99	85 - 115
Ethene	34.0	31.7		ug/L		93	85 - 115

Lab Sample ID: MB 410-802384/1-A

Matrix: Water

Analysis Batch: 802250

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 802384

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CO2	ND		12000	5600	ug/L		04/17/26 15:52	04/17/26 21:06	1

Lab Sample ID: LCS 410-802384/2-A

Matrix: Water

Analysis Batch: 802250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 802384

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
CO2	35800	34300		ug/L		96	83 - 125

Lab Sample ID: 480-237530-6 MS

Matrix: Water

Analysis Batch: 802250

Client Sample ID: MW-13

Prep Type: Total/NA

Prep Batch: 802384

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
CO2	9800	J F1	35800	18600	F1	ug/L		24	83 - 125

Lab Sample ID: 480-237530-6 MSD

Matrix: Water

Analysis Batch: 802250

Client Sample ID: MW-13

Prep Type: Total/NA

Prep Batch: 802384

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
CO2	9800	J F1	35800	21500	F1	ug/L		33	83 - 125	15	30

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-772350/1-A
Matrix: Water
Analysis Batch: 772489

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 772350

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	ND		0.0030	0.00040	mg/L		04/10/26 09:33	04/10/26 18:14	1
Lead	ND		0.010	0.0030	mg/L		04/10/26 09:33	04/10/26 18:14	1

Lab Sample ID: LCS 480-772350/2-A
Matrix: Water
Analysis Batch: 772489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 772350

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.494		mg/L		99	80 - 120
Lead	0.500	0.474		mg/L		95	80 - 120

Lab Sample ID: 480-237530-6 MS
Matrix: Water
Analysis Batch: 772489

Client Sample ID: MW-13
Prep Type: Total/NA
Prep Batch: 772350

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.018		0.500	0.498		mg/L		96	75 - 125
Lead	ND		0.500	0.477		mg/L		95	75 - 125

Lab Sample ID: 480-237530-6 MSD
Matrix: Water
Analysis Batch: 772489

Client Sample ID: MW-13
Prep Type: Total/NA
Prep Batch: 772350

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	0.018		0.500	0.499		mg/L		96	75 - 125	0	20
Lead	ND		0.500	0.480		mg/L		96	75 - 125	1	20

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 480-772992/1-A
Matrix: Water
Analysis Batch: 773068

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 772992

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen	ND		0.20	0.19	mg/L		04/16/26 17:33	04/17/26 13:08	1

Lab Sample ID: LCS 480-772992/2-A
Matrix: Water
Analysis Batch: 773068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 772992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Kjeldahl Nitrogen	2.50	2.74		mg/L		109	90 - 110

Lab Sample ID: 480-237530-6 MS
Matrix: Water
Analysis Batch: 773068

Client Sample ID: MW-13
Prep Type: Total/NA
Prep Batch: 772992

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Kjeldahl Nitrogen	0.29		1.00	1.28		mg/L		99	90 - 110

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: 480-237530-6 MSD
Matrix: Water
Analysis Batch: 773068

Client Sample ID: MW-13
Prep Type: Total/NA
Prep Batch: 772992

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Kjeldahl Nitrogen	0.29		1.00	1.33		mg/L		104	90 - 110	4	20

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-772387/5
Matrix: Water
Analysis Batch: 772387

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.050	0.020	mg/L			04/09/26 17:53	1

Lab Sample ID: LCS 480-772387/6
Matrix: Water
Analysis Batch: 772387

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	1.50	1.43		mg/L		95	90 - 110

Lab Sample ID: 480-237530-6 MS
Matrix: Water
Analysis Batch: 772387

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	ND		0.998	0.960		mg/L		96	90 - 110

Lab Sample ID: 480-237530-6 MSD
Matrix: Water
Analysis Batch: 772387

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	ND		0.998	0.954		mg/L		96	90 - 110	1	20

Lab Sample ID: 480-237530-7 MS
Matrix: Water
Analysis Batch: 772387

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	ND		0.998	0.946		mg/L		95	90 - 110

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 480-772785/28
Matrix: Water
Analysis Batch: 772785

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			04/14/26 16:59	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: MB 480-772785/7

Matrix: Water

Analysis Batch: 772785

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			04/14/26 16:18	1

Lab Sample ID: LCS 480-772785/29

Matrix: Water

Analysis Batch: 772785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.59		mg/L		106	90 - 110

Lab Sample ID: LCS 480-772785/8

Matrix: Water

Analysis Batch: 772785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.56		mg/L		104	90 - 110

Lab Sample ID: 480-237530-6 MS

Matrix: Water

Analysis Batch: 772785

Client Sample ID: MW-13

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.11		0.998	1.15		mg/L		104	90 - 110

Lab Sample ID: 480-237530-6 MSD

Matrix: Water

Analysis Batch: 772785

Client Sample ID: MW-13

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.11		0.998	1.15		mg/L		104	90 - 110	0	20

Lab Sample ID: 480-237530-8 MS

Matrix: Water

Analysis Batch: 772785

Client Sample ID: MW-15

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	ND	F1	0.998	0.444	F1	mg/L		45	90 - 110

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

Lab Sample ID: MB 480-772684/11

Matrix: Water

Analysis Batch: 772684

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00420	J	0.010	0.0041	mg/L			04/13/26 22:42	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

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

Lab Sample ID: MB 480-772684/121
Matrix: Water
Analysis Batch: 772684

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00810	J	0.010	0.0041	mg/L			04/14/26 05:43	1

Lab Sample ID: MB 480-772684/65
Matrix: Water
Analysis Batch: 772684

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00770	J	0.010	0.0041	mg/L			04/14/26 02:09	1

Lab Sample ID: HLCS 480-772684/12
Matrix: Water
Analysis Batch: 772684

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	0.360		mg/L		90	90 - 110

Lab Sample ID: LCS 480-772684/122
Matrix: Water
Analysis Batch: 772684

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	0.266		mg/L		106	90 - 110

Lab Sample ID: LCS 480-772684/66
Matrix: Water
Analysis Batch: 772684

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	0.238		mg/L		95	90 - 110

Lab Sample ID: LLCS 480-772684/14
Matrix: Water
Analysis Batch: 772684

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	0.0133		mg/L		133	50 - 150

Lab Sample ID: 480-237530-6 MS
Matrix: Water
Analysis Batch: 772684

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.022	B	0.100	0.112		mg/L		91	90 - 110

Lab Sample ID: 480-237530-6 MSD
Matrix: Water
Analysis Batch: 772684

Client Sample ID: MW-13
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	0.022	B	0.100	0.114		mg/L		93	90 - 110	2	15

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method: D516-90, 02 - Sulfate

Lab Sample ID: MB 480-772812/110
Matrix: Water
Analysis Batch: 772812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			04/15/26 09:44	1

Lab Sample ID: MB 480-772812/116
Matrix: Water
Analysis Batch: 772812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			04/15/26 10:36	1

Lab Sample ID: MB 480-772812/37
Matrix: Water
Analysis Batch: 772812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			04/15/26 09:15	1

Lab Sample ID: MB 480-772812/44
Matrix: Water
Analysis Batch: 772812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			04/15/26 09:19	1

Lab Sample ID: MB 480-772812/50
Matrix: Water
Analysis Batch: 772812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			04/15/26 09:21	1

Lab Sample ID: MB 480-772812/57
Matrix: Water
Analysis Batch: 772812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			04/15/26 09:25	1

Lab Sample ID: MB 480-772812/64
Matrix: Water
Analysis Batch: 772812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			04/15/26 09:27	1

Lab Sample ID: MB 480-772812/71
Matrix: Water
Analysis Batch: 772812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			04/15/26 09:30	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method: D516-90, 02 - Sulfate (Continued)

Lab Sample ID: MB 480-772812/79
Matrix: Water
Analysis Batch: 772812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			04/15/26 09:33	1

Lab Sample ID: MB 480-772812/88
Matrix: Water
Analysis Batch: 772812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			04/15/26 09:36	1

Lab Sample ID: LCS 480-772812/115
Matrix: Water
Analysis Batch: 772812

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	30.0	31.68		mg/L		106	90 - 110

Lab Sample ID: LCS 480-772812/43
Matrix: Water
Analysis Batch: 772812

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	30.0	31.88		mg/L		106	90 - 110

Lab Sample ID: LCS 480-772812/56
Matrix: Water
Analysis Batch: 772812

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	30.0	31.86		mg/L		106	90 - 110

Lab Sample ID: LCS 480-772812/63
Matrix: Water
Analysis Batch: 772812

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	30.0	31.64		mg/L		105	90 - 110

Lab Sample ID: LCS 480-772812/70
Matrix: Water
Analysis Batch: 772812

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	30.0	32.56		mg/L		109	90 - 110

Lab Sample ID: LCS 480-772812/87
Matrix: Water
Analysis Batch: 772812

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	30.0	32.23		mg/L		107	90 - 110

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method: D516-90, 02 - Sulfate (Continued)

Lab Sample ID: 480-237530-6 MS
Matrix: Water
Analysis Batch: 772812

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.8		20.0	32.16		mg/L		107	60 - 128

Lab Sample ID: 480-237530-6 MSD
Matrix: Water
Analysis Batch: 772812

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.8		20.0	33.52		mg/L		113	60 - 128	4	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 480-772786/29
Matrix: Water
Analysis Batch: 772786

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	1.44	J	5.0	0.79	mg/L			04/14/26 19:32	1
Alkalinity, Bicarbonate	1.44	J	5.0	0.79	mg/L			04/14/26 19:32	1
Alkalinity, Carbonate	ND		5.0	0.79	mg/L			04/14/26 19:32	1
Hydroxide Alkalinity	ND		5.0	0.79	mg/L			04/14/26 19:32	1

Lab Sample ID: MB 480-772786/5
Matrix: Water
Analysis Batch: 772786

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	0.790	J	5.0	0.79	mg/L			04/14/26 16:06	1
Alkalinity, Bicarbonate	0.790	J	5.0	0.79	mg/L			04/14/26 16:06	1
Alkalinity, Carbonate	ND		5.0	0.79	mg/L			04/14/26 16:06	1
Hydroxide Alkalinity	ND		5.0	0.79	mg/L			04/14/26 16:06	1

Lab Sample ID: LCS 480-772786/30
Matrix: Water
Analysis Batch: 772786

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	100	98.06		mg/L		98	90 - 110

Lab Sample ID: LCS 480-772786/6
Matrix: Water
Analysis Batch: 772786

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	100	96.62		mg/L		97	90 - 110

Lab Sample ID: 480-237530-6 MS
Matrix: Water
Analysis Batch: 772786

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	238	B F1	100	281.8	F1	mg/L		44	60 - 140

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: 480-237530-6 MSD
Matrix: Water
Analysis Batch: 772786

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity, Total	238	B F1	100	298.1		mg/L		60	60 - 140	6	20

Method: SM 3500 FE D - Iron, Ferrous and Ferric

Lab Sample ID: MB 480-773065/15
Matrix: Water
Analysis Batch: 773065

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND		0.10	0.075	mg/L			04/16/26 09:29	1

Lab Sample ID: MB 480-773065/27
Matrix: Water
Analysis Batch: 773065

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND		0.10	0.075	mg/L			04/16/26 09:33	1

Lab Sample ID: LCS 480-773065/14
Matrix: Water
Analysis Batch: 773065

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ferrous Iron	2.00	2.17		mg/L		109	90 - 110

Lab Sample ID: LCS 480-773065/26
Matrix: Water
Analysis Batch: 773065

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ferrous Iron	2.00	2.17		mg/L		109	90 - 110

Lab Sample ID: 480-237530-6 MS
Matrix: Water
Analysis Batch: 773065

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ferrous Iron	ND	HF	1.00	1.05	HF	mg/L		105	70 - 130

Lab Sample ID: 480-237530-6 MSD
Matrix: Water
Analysis Batch: 773065

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ferrous Iron	ND	HF	1.00	1.06	HF	mg/L		106	70 - 130	1	20

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 480-772811/24
Matrix: Water
Analysis Batch: 772811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.46	mg/L			04/15/26 11:03	1

Lab Sample ID: MB 480-772811/34
Matrix: Water
Analysis Batch: 772811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.46	mg/L			04/15/26 11:06	1

Lab Sample ID: MB 480-772811/42
Matrix: Water
Analysis Batch: 772811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.46	mg/L			04/15/26 11:10	1

Lab Sample ID: MB 480-772811/50
Matrix: Water
Analysis Batch: 772811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.46	mg/L			04/15/26 11:14	1

Lab Sample ID: MB 480-772811/57
Matrix: Water
Analysis Batch: 772811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.46	mg/L			04/15/26 11:17	1

Lab Sample ID: MB 480-772811/84
Matrix: Water
Analysis Batch: 772811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.46	mg/L			04/15/26 11:42	1

Lab Sample ID: MB 480-772811/88
Matrix: Water
Analysis Batch: 772811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.46	mg/L			04/15/26 12:05	1

Lab Sample ID: LCS 480-772811/33
Matrix: Water
Analysis Batch: 772811

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.0	26.03		mg/L		104	90 - 110

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: LCS 480-772811/41
Matrix: Water
Analysis Batch: 772811

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.0	25.96		mg/L		104	90 - 110

Lab Sample ID: LCS 480-772811/56
Matrix: Water
Analysis Batch: 772811

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.0	26.28		mg/L		105	90 - 110

Lab Sample ID: LCS 480-772811/87
Matrix: Water
Analysis Batch: 772811

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.0	27.22		mg/L		109	90 - 110

Lab Sample ID: 480-237530-6 MS
Matrix: Water
Analysis Batch: 772811

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	44.8		20.0	65.50		mg/L		104	74 - 131

Lab Sample ID: 480-237530-6 MSD
Matrix: Water
Analysis Batch: 772811

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	44.8		20.0	65.57		mg/L		104	74 - 131	0	20

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-772707/3
Matrix: Water
Analysis Batch: 772707

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			04/14/26 16:01	1

Lab Sample ID: LCS 480-772707/4
Matrix: Water
Analysis Batch: 772707

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	5.40	5.20		mg/L		96	90 - 110

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method: SM 4500 S2 F - Sulfide, Total (Continued)

Lab Sample ID: 480-237530-6 MS

Matrix: Water

Analysis Batch: 772707

Client Sample ID: MW-13

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	ND	F1	2.25	2.40		mg/L		107	40 - 150		

Lab Sample ID: 480-237530-6 MSD

Matrix: Water

Analysis Batch: 772707

Client Sample ID: MW-13

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	ND	F1	2.25	2.40		mg/L		107	40 - 150	0	20

Lab Sample ID: MB 480-772924/3

Matrix: Water

Analysis Batch: 772924

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			04/15/26 16:30	1

Lab Sample ID: LCS 480-772924/4

Matrix: Water

Analysis Batch: 772924

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			4.20	4.00		mg/L		95	90 - 110		

Lab Sample ID: 480-237530-5 MS

Matrix: Water

Analysis Batch: 772924

Client Sample ID: MW-12

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	ND	F1	2.25	2.40		mg/L		107	40 - 150		

Lab Sample ID: 480-237530-4 DU

Matrix: Water

Analysis Batch: 772924

Client Sample ID: MW-11

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	ND			ND		mg/L				NC	20

QC Association Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

GC/MS VOA

Analysis Batch: 772283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	8260C	
480-237530-2	MW-7	Total/NA	Water	8260C	
480-237530-3	MW-10	Total/NA	Water	8260C	
480-237530-4	MW-11	Total/NA	Water	8260C	
480-237530-5	MW-12	Total/NA	Water	8260C	
480-237530-6	MW-13	Total/NA	Water	8260C	
480-237530-7	MW-14	Total/NA	Water	8260C	
480-237530-8	MW-15	Total/NA	Water	8260C	
480-237530-9	MW-16	Total/NA	Water	8260C	
480-237530-10	Field Duplicate	Total/NA	Water	8260C	
MB 480-772283/9	Method Blank	Total/NA	Water	8260C	
LCS 480-772283/7	Lab Control Sample	Total/NA	Water	8260C	
480-237530-6 MS	MW-13	Total/NA	Water	8260C	
480-237530-6 MSD	MW-13	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 772311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	3510C	
480-237530-2	MW-7	Total/NA	Water	3510C	
480-237530-3	MW-10	Total/NA	Water	3510C	
480-237530-4	MW-11	Total/NA	Water	3510C	
480-237530-4 - DL	MW-11	Total/NA	Water	3510C	
480-237530-5	MW-12	Total/NA	Water	3510C	
480-237530-6	MW-13	Total/NA	Water	3510C	
480-237530-7	MW-14	Total/NA	Water	3510C	
480-237530-8 - DL	MW-15	Total/NA	Water	3510C	
480-237530-8	MW-15	Total/NA	Water	3510C	
480-237530-9	MW-16	Total/NA	Water	3510C	
480-237530-10	Field Duplicate	Total/NA	Water	3510C	
MB 480-772311/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-772311/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-237530-6 MS	MW-13	Total/NA	Water	3510C	
480-237530-6 MSD	MW-13	Total/NA	Water	3510C	

Analysis Batch: 772364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	8270D	772311
480-237530-2	MW-7	Total/NA	Water	8270D	772311
480-237530-3	MW-10	Total/NA	Water	8270D	772311
480-237530-4	MW-11	Total/NA	Water	8270D	772311
480-237530-5	MW-12	Total/NA	Water	8270D	772311
480-237530-6	MW-13	Total/NA	Water	8270D	772311
480-237530-7	MW-14	Total/NA	Water	8270D	772311
480-237530-8	MW-15	Total/NA	Water	8270D	772311
480-237530-9	MW-16	Total/NA	Water	8270D	772311
480-237530-10	Field Duplicate	Total/NA	Water	8270D	772311
MB 480-772311/1-A	Method Blank	Total/NA	Water	8270D	772311
LCS 480-772311/2-A	Lab Control Sample	Total/NA	Water	8270D	772311
480-237530-6 MS	MW-13	Total/NA	Water	8270D	772311
480-237530-6 MSD	MW-13	Total/NA	Water	8270D	772311

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QC Association Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

GC/MS Semi VOA

Analysis Batch: 772497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-4 - DL	MW-11	Total/NA	Water	8270D	772311
480-237530-8 - DL	MW-15	Total/NA	Water	8270D	772311

GC VOA

Analysis Batch: 772479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	RSK-175	
480-237530-2	MW-7	Total/NA	Water	RSK-175	
480-237530-3	MW-10	Total/NA	Water	RSK-175	
480-237530-3 - DL	MW-10	Total/NA	Water	RSK-175	
480-237530-4	MW-11	Total/NA	Water	RSK-175	
480-237530-4 - DL	MW-11	Total/NA	Water	RSK-175	
480-237530-5	MW-12	Total/NA	Water	RSK-175	
480-237530-6	MW-13	Total/NA	Water	RSK-175	
480-237530-7	MW-14	Total/NA	Water	RSK-175	
480-237530-8	MW-15	Total/NA	Water	RSK-175	
480-237530-8 - DL	MW-15	Total/NA	Water	RSK-175	
MB 480-772479/6	Method Blank	Total/NA	Water	RSK-175	
LCS 480-772479/7	Lab Control Sample	Total/NA	Water	RSK-175	
480-237530-6 MS	MW-13	Total/NA	Water	RSK-175	
480-237530-6 MSD	MW-13	Total/NA	Water	RSK-175	

Analysis Batch: 772593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-9	MW-16	Total/NA	Water	RSK-175	
480-237530-10	Field Duplicate	Total/NA	Water	RSK-175	
MB 480-772593/5	Method Blank	Total/NA	Water	RSK-175	
LCS 480-772593/6	Lab Control Sample	Total/NA	Water	RSK-175	

Analysis Batch: 802250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	RSK-175	802384
480-237530-2	MW-7	Total/NA	Water	RSK-175	802384
480-237530-3	MW-10	Total/NA	Water	RSK-175	802384
480-237530-4	MW-11	Total/NA	Water	RSK-175	802384
480-237530-5	MW-12	Total/NA	Water	RSK-175	802384
480-237530-6	MW-13	Total/NA	Water	RSK-175	802384
480-237530-7	MW-14	Total/NA	Water	RSK-175	802384
480-237530-8	MW-15	Total/NA	Water	RSK-175	802384
480-237530-9	MW-16	Total/NA	Water	RSK-175	802384
480-237530-10	Field Duplicate	Total/NA	Water	RSK-175	802384
MB 410-802384/1-A	Method Blank	Total/NA	Water	RSK-175	802384
LCS 410-802384/2-A	Lab Control Sample	Total/NA	Water	RSK-175	802384
480-237530-6 MS	MW-13	Total/NA	Water	RSK-175	802384
480-237530-6 MSD	MW-13	Total/NA	Water	RSK-175	802384

Prep Batch: 802384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	RSK-175	
480-237530-2	MW-7	Total/NA	Water	RSK-175	
480-237530-3	MW-10	Total/NA	Water	RSK-175	

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QC Association Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

GC VOA (Continued)

Prep Batch: 802384 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-4	MW-11	Total/NA	Water	RSK-175	
480-237530-5	MW-12	Total/NA	Water	RSK-175	
480-237530-6	MW-13	Total/NA	Water	RSK-175	
480-237530-7	MW-14	Total/NA	Water	RSK-175	
480-237530-8	MW-15	Total/NA	Water	RSK-175	
480-237530-9	MW-16	Total/NA	Water	RSK-175	
480-237530-10	Field Duplicate	Total/NA	Water	RSK-175	
MB 410-802384/1-A	Method Blank	Total/NA	Water	RSK-175	
LCS 410-802384/2-A	Lab Control Sample	Total/NA	Water	RSK-175	
480-237530-6 MS	MW-13	Total/NA	Water	RSK-175	
480-237530-6 MSD	MW-13	Total/NA	Water	RSK-175	

Metals

Prep Batch: 772350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	3005A	
480-237530-2	MW-7	Total/NA	Water	3005A	
480-237530-3	MW-10	Total/NA	Water	3005A	
480-237530-4	MW-11	Total/NA	Water	3005A	
480-237530-5	MW-12	Total/NA	Water	3005A	
480-237530-6	MW-13	Total/NA	Water	3005A	
480-237530-7	MW-14	Total/NA	Water	3005A	
480-237530-8	MW-15	Total/NA	Water	3005A	
480-237530-9	MW-16	Total/NA	Water	3005A	
480-237530-10	Field Duplicate	Total/NA	Water	3005A	
MB 480-772350/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-772350/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-237530-6 MS	MW-13	Total/NA	Water	3005A	
480-237530-6 MSD	MW-13	Total/NA	Water	3005A	

Analysis Batch: 772489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	6010C	772350
480-237530-2	MW-7	Total/NA	Water	6010C	772350
480-237530-3	MW-10	Total/NA	Water	6010C	772350
480-237530-4	MW-11	Total/NA	Water	6010C	772350
480-237530-5	MW-12	Total/NA	Water	6010C	772350
480-237530-6	MW-13	Total/NA	Water	6010C	772350
480-237530-7	MW-14	Total/NA	Water	6010C	772350
480-237530-8	MW-15	Total/NA	Water	6010C	772350
480-237530-9	MW-16	Total/NA	Water	6010C	772350
480-237530-10	Field Duplicate	Total/NA	Water	6010C	772350
MB 480-772350/1-A	Method Blank	Total/NA	Water	6010C	772350
LCS 480-772350/2-A	Lab Control Sample	Total/NA	Water	6010C	772350
480-237530-6 MS	MW-13	Total/NA	Water	6010C	772350
480-237530-6 MSD	MW-13	Total/NA	Water	6010C	772350

General Chemistry

Analysis Batch: 772387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	353.2	

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QC Association Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

General Chemistry (Continued)

Analysis Batch: 772387 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-2	MW-7	Total/NA	Water	353.2	
480-237530-3	MW-10	Total/NA	Water	353.2	
480-237530-4	MW-11	Total/NA	Water	353.2	
480-237530-5	MW-12	Total/NA	Water	353.2	
480-237530-6	MW-13	Total/NA	Water	353.2	
480-237530-7	MW-14	Total/NA	Water	353.2	
480-237530-8	MW-15	Total/NA	Water	353.2	
480-237530-9	MW-16	Total/NA	Water	353.2	
480-237530-10	Field Duplicate	Total/NA	Water	353.2	
MB 480-772387/5	Method Blank	Total/NA	Water	353.2	
LCS 480-772387/6	Lab Control Sample	Total/NA	Water	353.2	
480-237530-6 MS	MW-13	Total/NA	Water	353.2	
480-237530-6 MSD	MW-13	Total/NA	Water	353.2	
480-237530-7 MS	MW-14	Total/NA	Water	353.2	

Analysis Batch: 772684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	9012B	
480-237530-2	MW-7	Total/NA	Water	9012B	
480-237530-3	MW-10	Total/NA	Water	9012B	
480-237530-4	MW-11	Total/NA	Water	9012B	
480-237530-5	MW-12	Total/NA	Water	9012B	
480-237530-6	MW-13	Total/NA	Water	9012B	
480-237530-7	MW-14	Total/NA	Water	9012B	
480-237530-8	MW-15	Total/NA	Water	9012B	
480-237530-9	MW-16	Total/NA	Water	9012B	
480-237530-10	Field Duplicate	Total/NA	Water	9012B	
MB 480-772684/11	Method Blank	Total/NA	Water	9012B	
MB 480-772684/121	Method Blank	Total/NA	Water	9012B	
MB 480-772684/65	Method Blank	Total/NA	Water	9012B	
HLCS 480-772684/12	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-772684/122	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-772684/66	Lab Control Sample	Total/NA	Water	9012B	
LLCS 480-772684/14	Lab Control Sample	Total/NA	Water	9012B	
480-237530-6 MS	MW-13	Total/NA	Water	9012B	
480-237530-6 MSD	MW-13	Total/NA	Water	9012B	

Analysis Batch: 772707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	SM 4500 S2 F	
480-237530-2	MW-7	Total/NA	Water	SM 4500 S2 F	
480-237530-3	MW-10	Total/NA	Water	SM 4500 S2 F	
480-237530-6	MW-13	Total/NA	Water	SM 4500 S2 F	
MB 480-772707/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-772707/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-237530-6 MS	MW-13	Total/NA	Water	SM 4500 S2 F	
480-237530-6 MSD	MW-13	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 772785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	353.2	
480-237530-2	MW-7	Total/NA	Water	353.2	

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QC Association Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

General Chemistry (Continued)

Analysis Batch: 772785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-3	MW-10	Total/NA	Water	353.2	
480-237530-4	MW-11	Total/NA	Water	353.2	
480-237530-5	MW-12	Total/NA	Water	353.2	
480-237530-6	MW-13	Total/NA	Water	353.2	
480-237530-7	MW-14	Total/NA	Water	353.2	
480-237530-8	MW-15	Total/NA	Water	353.2	
480-237530-9	MW-16	Total/NA	Water	353.2	
480-237530-10	Field Duplicate	Total/NA	Water	353.2	
MB 480-772785/28	Method Blank	Total/NA	Water	353.2	
MB 480-772785/7	Method Blank	Total/NA	Water	353.2	
LCS 480-772785/29	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-772785/8	Lab Control Sample	Total/NA	Water	353.2	
480-237530-6 MS	MW-13	Total/NA	Water	353.2	
480-237530-6 MSD	MW-13	Total/NA	Water	353.2	
480-237530-8 MS	MW-15	Total/NA	Water	353.2	

Analysis Batch: 772786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	SM 2320B	
480-237530-2	MW-7	Total/NA	Water	SM 2320B	
480-237530-3	MW-10	Total/NA	Water	SM 2320B	
480-237530-4	MW-11	Total/NA	Water	SM 2320B	
480-237530-5	MW-12	Total/NA	Water	SM 2320B	
480-237530-6	MW-13	Total/NA	Water	SM 2320B	
480-237530-7	MW-14	Total/NA	Water	SM 2320B	
480-237530-8	MW-15	Total/NA	Water	SM 2320B	
480-237530-9	MW-16	Total/NA	Water	SM 2320B	
480-237530-10	Field Duplicate	Total/NA	Water	SM 2320B	
MB 480-772786/29	Method Blank	Total/NA	Water	SM 2320B	
MB 480-772786/5	Method Blank	Total/NA	Water	SM 2320B	
LCS 480-772786/30	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 480-772786/6	Lab Control Sample	Total/NA	Water	SM 2320B	
480-237530-6 MS	MW-13	Total/NA	Water	SM 2320B	
480-237530-6 MSD	MW-13	Total/NA	Water	SM 2320B	

Analysis Batch: 772811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	SM 4500 Cl- E	
480-237530-2	MW-7	Total/NA	Water	SM 4500 Cl- E	
480-237530-3	MW-10	Total/NA	Water	SM 4500 Cl- E	
480-237530-4	MW-11	Total/NA	Water	SM 4500 Cl- E	
480-237530-5	MW-12	Total/NA	Water	SM 4500 Cl- E	
480-237530-6	MW-13	Total/NA	Water	SM 4500 Cl- E	
480-237530-7	MW-14	Total/NA	Water	SM 4500 Cl- E	
480-237530-8	MW-15	Total/NA	Water	SM 4500 Cl- E	
480-237530-9	MW-16	Total/NA	Water	SM 4500 Cl- E	
480-237530-10	Field Duplicate	Total/NA	Water	SM 4500 Cl- E	
MB 480-772811/24	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 480-772811/34	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 480-772811/42	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 480-772811/50	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 480-772811/57	Method Blank	Total/NA	Water	SM 4500 Cl- E	

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QC Association Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

General Chemistry (Continued)

Analysis Batch: 772811 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-772811/84	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 480-772811/88	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 480-772811/33	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 480-772811/41	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 480-772811/56	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 480-772811/87	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
480-237530-6 MS	MW-13	Total/NA	Water	SM 4500 Cl- E	
480-237530-6 MSD	MW-13	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 772812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	D516-90, 02	
480-237530-2	MW-7	Total/NA	Water	D516-90, 02	
480-237530-3	MW-10	Total/NA	Water	D516-90, 02	
480-237530-4	MW-11	Total/NA	Water	D516-90, 02	
480-237530-5	MW-12	Total/NA	Water	D516-90, 02	
480-237530-6	MW-13	Total/NA	Water	D516-90, 02	
480-237530-7	MW-14	Total/NA	Water	D516-90, 02	
480-237530-8	MW-15	Total/NA	Water	D516-90, 02	
480-237530-9	MW-16	Total/NA	Water	D516-90, 02	
480-237530-10	Field Duplicate	Total/NA	Water	D516-90, 02	
MB 480-772812/110	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-772812/116	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-772812/37	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-772812/44	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-772812/50	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-772812/57	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-772812/64	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-772812/71	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-772812/79	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-772812/88	Method Blank	Total/NA	Water	D516-90, 02	
LCS 480-772812/115	Lab Control Sample	Total/NA	Water	D516-90, 02	
LCS 480-772812/43	Lab Control Sample	Total/NA	Water	D516-90, 02	
LCS 480-772812/56	Lab Control Sample	Total/NA	Water	D516-90, 02	
LCS 480-772812/63	Lab Control Sample	Total/NA	Water	D516-90, 02	
LCS 480-772812/70	Lab Control Sample	Total/NA	Water	D516-90, 02	
LCS 480-772812/87	Lab Control Sample	Total/NA	Water	D516-90, 02	
480-237530-6 MS	MW-13	Total/NA	Water	D516-90, 02	
480-237530-6 MSD	MW-13	Total/NA	Water	D516-90, 02	

Analysis Batch: 772924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-4	MW-11	Total/NA	Water	SM 4500 S2 F	
480-237530-5	MW-12	Total/NA	Water	SM 4500 S2 F	
480-237530-7	MW-14	Total/NA	Water	SM 4500 S2 F	
480-237530-8	MW-15	Total/NA	Water	SM 4500 S2 F	
480-237530-9	MW-16	Total/NA	Water	SM 4500 S2 F	
480-237530-10	Field Duplicate	Total/NA	Water	SM 4500 S2 F	
MB 480-772924/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-772924/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-237530-5 MS	MW-12	Total/NA	Water	SM 4500 S2 F	
480-237530-4 DU	MW-11	Total/NA	Water	SM 4500 S2 F	

Eurofins Buffalo

QC Association Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

General Chemistry

Prep Batch: 772992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	351.2	
480-237530-2	MW-7	Total/NA	Water	351.2	
480-237530-3	MW-10	Total/NA	Water	351.2	
480-237530-4	MW-11	Total/NA	Water	351.2	
480-237530-5	MW-12	Total/NA	Water	351.2	
480-237530-6	MW-13	Total/NA	Water	351.2	
480-237530-7	MW-14	Total/NA	Water	351.2	
480-237530-8	MW-15	Total/NA	Water	351.2	
480-237530-9	MW-16	Total/NA	Water	351.2	
480-237530-10	Field Duplicate	Total/NA	Water	351.2	
MB 480-772992/1-A	Method Blank	Total/NA	Water	351.2	
LCS 480-772992/2-A	Lab Control Sample	Total/NA	Water	351.2	
480-237530-6 MS	MW-13	Total/NA	Water	351.2	
480-237530-6 MSD	MW-13	Total/NA	Water	351.2	

Analysis Batch: 773065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	SM 3500 FE D	
480-237530-2	MW-7	Total/NA	Water	SM 3500 FE D	
480-237530-3	MW-10	Total/NA	Water	SM 3500 FE D	
480-237530-4	MW-11	Total/NA	Water	SM 3500 FE D	
480-237530-5	MW-12	Total/NA	Water	SM 3500 FE D	
480-237530-6	MW-13	Total/NA	Water	SM 3500 FE D	
480-237530-7	MW-14	Total/NA	Water	SM 3500 FE D	
480-237530-8	MW-15	Total/NA	Water	SM 3500 FE D	
480-237530-9	MW-16	Total/NA	Water	SM 3500 FE D	
480-237530-10	Field Duplicate	Total/NA	Water	SM 3500 FE D	
MB 480-773065/15	Method Blank	Total/NA	Water	SM 3500 FE D	
MB 480-773065/27	Method Blank	Total/NA	Water	SM 3500 FE D	
LCS 480-773065/14	Lab Control Sample	Total/NA	Water	SM 3500 FE D	
LCS 480-773065/26	Lab Control Sample	Total/NA	Water	SM 3500 FE D	
480-237530-6 MS	MW-13	Total/NA	Water	SM 3500 FE D	
480-237530-6 MSD	MW-13	Total/NA	Water	SM 3500 FE D	

Analysis Batch: 773067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	Nitrate by calc	
480-237530-2	MW-7	Total/NA	Water	Nitrate by calc	
480-237530-3	MW-10	Total/NA	Water	Nitrate by calc	
480-237530-4	MW-11	Total/NA	Water	Nitrate by calc	
480-237530-5	MW-12	Total/NA	Water	Nitrate by calc	
480-237530-6	MW-13	Total/NA	Water	Nitrate by calc	
480-237530-7	MW-14	Total/NA	Water	Nitrate by calc	
480-237530-8	MW-15	Total/NA	Water	Nitrate by calc	
480-237530-9	MW-16	Total/NA	Water	Nitrate by calc	
480-237530-10	Field Duplicate	Total/NA	Water	Nitrate by calc	

Analysis Batch: 773068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-1	MW-4	Total/NA	Water	351.2	772992
480-237530-2	MW-7	Total/NA	Water	351.2	772992
480-237530-3	MW-10	Total/NA	Water	351.2	772992

Eurofins Buffalo

QC Association Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

General Chemistry (Continued)

Analysis Batch: 773068 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-237530-4	MW-11	Total/NA	Water	351.2	772992
480-237530-5	MW-12	Total/NA	Water	351.2	772992
480-237530-6	MW-13	Total/NA	Water	351.2	772992
480-237530-7	MW-14	Total/NA	Water	351.2	772992
480-237530-8	MW-15	Total/NA	Water	351.2	772992
480-237530-9	MW-16	Total/NA	Water	351.2	772992
480-237530-10	Field Duplicate	Total/NA	Water	351.2	772992
MB 480-772992/1-A	Method Blank	Total/NA	Water	351.2	772992
LCS 480-772992/2-A	Lab Control Sample	Total/NA	Water	351.2	772992
480-237530-6 MS	MW-13	Total/NA	Water	351.2	772992
480-237530-6 MSD	MW-13	Total/NA	Water	351.2	772992

Lab Chronicle

Client Sample ID: MW-4

Date Collected: 04/08/26 08:35

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	772283	LCH	EET BUF	04/09/26 17:33
Total/NA	Prep	3510C			772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D		1	772364	JMM	EET BUF	04/10/26 14:32
Total/NA	Prep	RSK-175			802384	2FW5	ELLE	04/17/26 15:52
Total/NA	Analysis	RSK-175		1	802250	LXF2	ELLE	04/17/26 23:01
Total/NA	Analysis	RSK-175		1	772479	MAN	EET BUF	04/13/26 10:08
Total/NA	Prep	3005A			772350	EMO	EET BUF	04/10/26 09:33
Total/NA	Analysis	6010C		1	772489	MP	EET BUF	04/10/26 18:18
Total/NA	Prep	351.2			772992	GW	EET BUF	04/16/26 17:33
Total/NA	Analysis	351.2		1	773068	AM	EET BUF	04/17/26 13:13
Total/NA	Analysis	353.2		1	772387	AM	EET BUF	04/09/26 17:55
Total/NA	Analysis	353.2		1	772785	AM	EET BUF	04/14/26 16:53
Total/NA	Analysis	9012B		1	772684	GW	EET BUF	04/14/26 02:24
Total/NA	Analysis	D516-90, 02		1	772812	CG	EET BUF	04/15/26 09:19
Total/NA	Analysis	Nitrate by calc		1	773067	JJP	EET BUF	04/16/26 14:15
Total/NA	Analysis	SM 2320B		1	772786	IMZ	EET BUF	04/14/26 18:33
Total/NA	Analysis	SM 3500 FE D		1	773065	CG	EET BUF	04/16/26 09:30
Total/NA	Analysis	SM 4500 Cl- E		5	772811	CG	EET BUF	04/15/26 11:20
Total/NA	Analysis	SM 4500 S2 F		1	772707	AM	EET BUF	04/14/26 16:01

Client Sample ID: MW-7

Date Collected: 04/08/26 08:45

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	772283	LCH	EET BUF	04/09/26 17:55
Total/NA	Prep	3510C			772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D		1	772364	JMM	EET BUF	04/10/26 14:58
Total/NA	Prep	RSK-175			802384	2FW5	ELLE	04/17/26 15:52
Total/NA	Analysis	RSK-175		1	802250	LXF2	ELLE	04/17/26 23:09
Total/NA	Analysis	RSK-175		1	772479	MAN	EET BUF	04/13/26 10:27
Total/NA	Prep	3005A			772350	EMO	EET BUF	04/10/26 09:33
Total/NA	Analysis	6010C		1	772489	MP	EET BUF	04/10/26 18:20
Total/NA	Prep	351.2			772992	GW	EET BUF	04/16/26 17:33
Total/NA	Analysis	351.2		1	773068	AM	EET BUF	04/17/26 13:14
Total/NA	Analysis	353.2		1	772387	AM	EET BUF	04/09/26 17:56
Total/NA	Analysis	353.2		1	772785	AM	EET BUF	04/14/26 17:08
Total/NA	Analysis	9012B		1	772684	GW	EET BUF	04/14/26 02:28
Total/NA	Analysis	D516-90, 02		10	772812	CG	EET BUF	04/15/26 10:38
Total/NA	Analysis	Nitrate by calc		1	773067	JJP	EET BUF	04/16/26 14:15
Total/NA	Analysis	SM 2320B		1	772786	IMZ	EET BUF	04/14/26 18:41
Total/NA	Analysis	SM 3500 FE D		1	773065	CG	EET BUF	04/16/26 09:30
Total/NA	Analysis	SM 4500 Cl- E		5	772811	CG	EET BUF	04/15/26 11:22
Total/NA	Analysis	SM 4500 S2 F		1	772707	AM	EET BUF	04/14/26 16:01

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Lab Chronicle

Client Sample ID: MW-10

Date Collected: 04/08/26 09:40

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	772283	LCH	EET BUF	04/09/26 18:18
Total/NA	Prep	3510C			772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D		1	772364	JMM	EET BUF	04/10/26 15:25
Total/NA	Prep	RSK-175			802384	2FW5	ELLE	04/17/26 15:52
Total/NA	Analysis	RSK-175		1	802250	LXF2	ELLE	04/17/26 21:22
Total/NA	Analysis	RSK-175		1	772479	MAN	EET BUF	04/13/26 10:46
Total/NA	Analysis	RSK-175	DL	22	772479	MAN	EET BUF	04/13/26 11:58
Total/NA	Prep	3005A			772350	EMO	EET BUF	04/10/26 09:33
Total/NA	Analysis	6010C		1	772489	MP	EET BUF	04/10/26 18:21
Total/NA	Prep	351.2			772992	GW	EET BUF	04/16/26 17:33
Total/NA	Analysis	351.2		1	773068	AM	EET BUF	04/17/26 13:17
Total/NA	Analysis	353.2		1	772387	AM	EET BUF	04/09/26 17:56
Total/NA	Analysis	353.2		1	772785	AM	EET BUF	04/14/26 17:10
Total/NA	Analysis	9012B		1	772684	GW	EET BUF	04/14/26 02:32
Total/NA	Analysis	D516-90, 02		1	772812	CG	EET BUF	04/15/26 09:20
Total/NA	Analysis	Nitrate by calc		1	773067	JJP	EET BUF	04/16/26 14:15
Total/NA	Analysis	SM 2320B		1	772786	IMZ	EET BUF	04/14/26 18:49
Total/NA	Analysis	SM 3500 FE D		1	773065	CG	EET BUF	04/16/26 09:32
Total/NA	Analysis	SM 4500 CI- E		20	772811	CG	EET BUF	04/15/26 12:05
Total/NA	Analysis	SM 4500 S2 F		1	772707	AM	EET BUF	04/14/26 16:01

Client Sample ID: MW-11

Date Collected: 04/08/26 09:40

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	772283	LCH	EET BUF	04/09/26 18:40
Total/NA	Prep	3510C			772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D		1	772364	JMM	EET BUF	04/10/26 15:51
Total/NA	Prep	3510C	DL		772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D	DL	10	772497	JMM	EET BUF	04/13/26 11:23
Total/NA	Prep	RSK-175			802384	2FW5	ELLE	04/17/26 15:52
Total/NA	Analysis	RSK-175		1	802250	LXF2	ELLE	04/17/26 21:30
Total/NA	Analysis	RSK-175		1	772479	MAN	EET BUF	04/13/26 11:05
Total/NA	Analysis	RSK-175	DL	22	772479	MAN	EET BUF	04/13/26 12:17
Total/NA	Prep	3005A			772350	EMO	EET BUF	04/10/26 09:33
Total/NA	Analysis	6010C		1	772489	MP	EET BUF	04/10/26 18:23
Total/NA	Prep	351.2			772992	GW	EET BUF	04/16/26 17:33
Total/NA	Analysis	351.2		1	773068	AM	EET BUF	04/17/26 13:17
Total/NA	Analysis	353.2		1	772387	AM	EET BUF	04/09/26 17:57
Total/NA	Analysis	353.2		1	772785	AM	EET BUF	04/14/26 17:12
Total/NA	Analysis	9012B		1	772684	GW	EET BUF	04/14/26 02:35
Total/NA	Analysis	D516-90, 02		5	772812	CG	EET BUF	04/15/26 09:25
Total/NA	Analysis	Nitrate by calc		1	773067	JJP	EET BUF	04/16/26 14:15

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Lab Chronicle

Client Sample ID: MW-11

Date Collected: 04/08/26 09:40

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2320B		1	772786	IMZ	EET BUF	04/14/26 18:57
Total/NA	Analysis	SM 3500 FE D		1	773065	CG	EET BUF	04/16/26 09:32
Total/NA	Analysis	SM 4500 Cl- E		20	772811	CG	EET BUF	04/15/26 12:06
Total/NA	Analysis	SM 4500 S2 F		1	772924	AM	EET BUF	04/15/26 16:30

Client Sample ID: MW-12

Date Collected: 04/08/26 10:35

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	772283	LCH	EET BUF	04/09/26 19:02
Total/NA	Prep	3510C			772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D		1	772364	JMM	EET BUF	04/10/26 16:18
Total/NA	Prep	RSK-175			802384	2FW5	ELLE	04/17/26 15:52
Total/NA	Analysis	RSK-175		1	802250	LXF2	ELLE	04/17/26 21:39
Total/NA	Analysis	RSK-175		1	772479	MAN	EET BUF	04/13/26 11:39
Total/NA	Prep	3005A			772350	EMO	EET BUF	04/10/26 09:33
Total/NA	Analysis	6010C		1	772489	MP	EET BUF	04/10/26 18:29
Total/NA	Prep	351.2			772992	GW	EET BUF	04/16/26 17:33
Total/NA	Analysis	351.2		1	773068	AM	EET BUF	04/17/26 13:18
Total/NA	Analysis	353.2		1	772387	AM	EET BUF	04/09/26 17:57
Total/NA	Analysis	353.2		1	772785	AM	EET BUF	04/14/26 17:14
Total/NA	Analysis	9012B		1	772684	GW	EET BUF	04/14/26 02:39
Total/NA	Analysis	D516-90, 02		5	772812	CG	EET BUF	04/15/26 09:28
Total/NA	Analysis	Nitrate by calc		1	773067	JJP	EET BUF	04/16/26 14:15
Total/NA	Analysis	SM 2320B		1	772786	IMZ	EET BUF	04/14/26 19:05
Total/NA	Analysis	SM 3500 FE D		1	773065	CG	EET BUF	04/16/26 09:32
Total/NA	Analysis	SM 4500 Cl- E		20	772811	CG	EET BUF	04/15/26 12:06
Total/NA	Analysis	SM 4500 S2 F		1	772924	AM	EET BUF	04/15/26 16:30

Client Sample ID: MW-13

Date Collected: 04/08/26 10:40

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	772283	LCH	EET BUF	04/09/26 19:25
Total/NA	Prep	3510C			772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D		1	772364	JMM	EET BUF	04/10/26 13:40
Total/NA	Prep	RSK-175			802384	2FW5	ELLE	04/17/26 15:52
Total/NA	Analysis	RSK-175		1	802250	LXF2	ELLE	04/17/26 21:47
Total/NA	Analysis	RSK-175		1	772479	MAN	EET BUF	04/13/26 09:11
Total/NA	Prep	3005A			772350	EMO	EET BUF	04/10/26 09:33
Total/NA	Analysis	6010C		1	772489	MP	EET BUF	04/10/26 18:31
Total/NA	Prep	351.2			772992	GW	EET BUF	04/16/26 17:33
Total/NA	Analysis	351.2		1	773068	AM	EET BUF	04/17/26 13:22

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Lab Chronicle

Client Sample ID: MW-13

Date Collected: 04/08/26 10:40

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	353.2		1	772387	AM	EET BUF	04/09/26 17:54
Total/NA	Analysis	353.2		1	772785	AM	EET BUF	04/14/26 17:03
Total/NA	Analysis	9012B		1	772684	GW	EET BUF	04/14/26 03:02
Total/NA	Analysis	D516-90, 02		1	772812	CG	EET BUF	04/15/26 09:32
Total/NA	Analysis	Nitrate by calc		1	773067	JJP	EET BUF	04/16/26 14:15
Total/NA	Analysis	SM 2320B		1	772786	IMZ	EET BUF	04/14/26 19:51
Total/NA	Analysis	SM 3500 FE D		1	773065	CG	EET BUF	04/16/26 09:30
Total/NA	Analysis	SM 4500 Cl- E		1	772811	CG	EET BUF	04/15/26 11:11
Total/NA	Analysis	SM 4500 S2 F		1	772707	AM	EET BUF	04/14/26 16:01

Client Sample ID: MW-14

Date Collected: 04/08/26 09:40

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	772283	LCH	EET BUF	04/09/26 19:47
Total/NA	Prep	3510C			772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D		1	772364	JMM	EET BUF	04/10/26 16:44
Total/NA	Prep	RSK-175			802384	2FW5	ELLE	04/17/26 15:52
Total/NA	Analysis	RSK-175		1	802250	LXF2	ELLE	04/17/26 22:11
Total/NA	Analysis	RSK-175		1	772479	MAN	EET BUF	04/13/26 12:36
Total/NA	Prep	3005A			772350	EMO	EET BUF	04/10/26 09:33
Total/NA	Analysis	6010C		1	772489	MP	EET BUF	04/10/26 18:41
Total/NA	Prep	351.2			772992	GW	EET BUF	04/16/26 17:33
Total/NA	Analysis	351.2		1	773068	AM	EET BUF	04/17/26 13:19
Total/NA	Analysis	353.2		1	772387	AM	EET BUF	04/09/26 17:58
Total/NA	Analysis	353.2		1	772785	AM	EET BUF	04/14/26 17:16
Total/NA	Analysis	9012B		1	772684	GW	EET BUF	04/14/26 02:43
Total/NA	Analysis	D516-90, 02		1	772812	CG	EET BUF	04/15/26 09:26
Total/NA	Analysis	Nitrate by calc		1	773067	JJP	EET BUF	04/16/26 14:15
Total/NA	Analysis	SM 2320B		1	772786	IMZ	EET BUF	04/14/26 19:11
Total/NA	Analysis	SM 3500 FE D		1	773065	CG	EET BUF	04/16/26 09:33
Total/NA	Analysis	SM 4500 Cl- E		1	772811	CG	EET BUF	04/15/26 11:08
Total/NA	Analysis	SM 4500 S2 F		1	772924	AM	EET BUF	04/15/26 16:30

Client Sample ID: MW-15

Date Collected: 04/08/26 10:45

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	772283	LCH	EET BUF	04/09/26 20:09
Total/NA	Prep	3510C			772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D		1	772364	JMM	EET BUF	04/10/26 17:11

Lab Chronicle

Client Sample ID: MW-15

Date Collected: 04/08/26 10:45

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C	DL		772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D	DL	5	772497	JMM	EET BUF	04/13/26 11:50
Total/NA	Prep	RSK-175			802384	2FW5	ELLE	04/17/26 15:52
Total/NA	Analysis	RSK-175		1	802250	LXF2	ELLE	04/17/26 22:20
Total/NA	Analysis	RSK-175		1	772479	MAN	EET BUF	04/13/26 12:55
Total/NA	Analysis	RSK-175	DL	22	772479	MAN	EET BUF	04/13/26 13:14
Total/NA	Prep	3005A			772350	EMO	EET BUF	04/10/26 09:33
Total/NA	Analysis	6010C		1	772489	MP	EET BUF	04/10/26 18:43
Total/NA	Prep	351.2			772992	GW	EET BUF	04/16/26 17:33
Total/NA	Analysis	351.2		1	773068	AM	EET BUF	04/17/26 13:20
Total/NA	Analysis	353.2		1	772387	AM	EET BUF	04/09/26 17:59
Total/NA	Analysis	353.2		1	772785	AM	EET BUF	04/14/26 17:22
Total/NA	Analysis	9012B		1	772684	GW	EET BUF	04/14/26 03:14
Total/NA	Analysis	D516-90, 02		1	772812	CG	EET BUF	04/15/26 09:28
Total/NA	Analysis	Nitrate by calc		1	773067	JJP	EET BUF	04/16/26 14:15
Total/NA	Analysis	SM 2320B		1	772786	IMZ	EET BUF	04/14/26 20:17
Total/NA	Analysis	SM 3500 FE D		1	773065	CG	EET BUF	04/16/26 09:33
Total/NA	Analysis	SM 4500 Cl- E		1	772811	CG	EET BUF	04/15/26 11:08
Total/NA	Analysis	SM 4500 S2 F		1	772924	AM	EET BUF	04/15/26 16:30

Client Sample ID: MW-16

Date Collected: 04/08/26 08:45

Date Received: 04/09/26 10:15

Lab Sample ID: 480-237530-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	772283	LCH	EET BUF	04/09/26 20:31
Total/NA	Prep	3510C			772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D		1	772364	JMM	EET BUF	04/10/26 17:37
Total/NA	Prep	RSK-175			802384	2FW5	ELLE	04/17/26 15:52
Total/NA	Analysis	RSK-175		1	802250	LXF2	ELLE	04/17/26 22:36
Total/NA	Analysis	RSK-175		1	772593	MAN	EET BUF	04/14/26 10:48
Total/NA	Prep	3005A			772350	EMO	EET BUF	04/10/26 09:33
Total/NA	Analysis	6010C		1	772489	MP	EET BUF	04/10/26 18:44
Total/NA	Prep	351.2			772992	GW	EET BUF	04/16/26 17:33
Total/NA	Analysis	351.2		1	773068	AM	EET BUF	04/17/26 13:21
Total/NA	Analysis	353.2		1	772387	AM	EET BUF	04/09/26 18:00
Total/NA	Analysis	353.2		1	772785	AM	EET BUF	04/14/26 17:26
Total/NA	Analysis	9012B		1	772684	GW	EET BUF	04/14/26 03:18
Total/NA	Analysis	D516-90, 02		5	772812	CG	EET BUF	04/15/26 09:37
Total/NA	Analysis	Nitrate by calc		1	773067	JJP	EET BUF	04/16/26 14:15
Total/NA	Analysis	SM 2320B		1	772786	IMZ	EET BUF	04/14/26 20:25
Total/NA	Analysis	SM 3500 FE D		1	773065	CG	EET BUF	04/16/26 09:34
Total/NA	Analysis	SM 4500 Cl- E		1	772811	CG	EET BUF	04/15/26 11:08
Total/NA	Analysis	SM 4500 S2 F		1	772924	AM	EET BUF	04/15/26 16:30

Eurofins Buffalo

Lab Chronicle

Client Sample ID: Field Duplicate

Lab Sample ID: 480-237530-10

Date Collected: 04/08/26 00:00

Matrix: Water

Date Received: 04/09/26 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	772283	LCH	EET BUF	04/09/26 20:53
Total/NA	Prep	3510C			772311	LSC	EET BUF	04/09/26 13:56
Total/NA	Analysis	8270D		1	772364	JMM	EET BUF	04/10/26 18:04
Total/NA	Prep	RSK-175			802384	2FW5	ELLE	04/17/26 15:52
Total/NA	Analysis	RSK-175		1	802250	LXF2	ELLE	04/17/26 22:44
Total/NA	Analysis	RSK-175		1	772593	MAN	EET BUF	04/14/26 11:07
Total/NA	Prep	3005A			772350	EMO	EET BUF	04/10/26 09:33
Total/NA	Analysis	6010C		1	772489	MP	EET BUF	04/10/26 18:46
Total/NA	Prep	351.2			772992	GW	EET BUF	04/16/26 17:33
Total/NA	Analysis	351.2		1	773068	AM	EET BUF	04/17/26 13:21
Total/NA	Analysis	353.2		1	772387	AM	EET BUF	04/09/26 18:00
Total/NA	Analysis	353.2		1	772785	AM	EET BUF	04/14/26 17:27
Total/NA	Analysis	9012B		1	772684	GW	EET BUF	04/14/26 03:21
Total/NA	Analysis	D516-90, 02		1	772812	CG	EET BUF	04/15/26 09:29
Total/NA	Analysis	Nitrate by calc		1	773067	JJP	EET BUF	04/16/26 14:15
Total/NA	Analysis	SM 2320B		1	772786	IMZ	EET BUF	04/14/26 20:32
Total/NA	Analysis	SM 3500 FE D		1	773065	CG	EET BUF	04/16/26 09:35
Total/NA	Analysis	SM 4500 Cl- E		1	772811	CG	EET BUF	04/15/26 11:08
Total/NA	Analysis	SM 4500 S2 F		1	772924	AM	EET BUF	04/15/26 16:30

Laboratory References:

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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-27
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	Total BTEX
SM 3500 FE D		Water	Ferrous Iron

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-27
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-27
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26 *
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-27
Delaware (DW)	State	N/A	01-31-27
Florida	NELAP	E87997	06-30-26
Georgia (DW)	State	C048	01-31-27
Illinois	NELAP	200027	01-31-27
Iowa	State	361	03-01-28
Kansas	NELAP	E-10151	10-31-26
Kentucky (DW)	State	KY90088	12-31-26
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-26
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-27
Minnesota	NELAP	042-999-487	12-31-26
Mississippi	State	023	01-31-27
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-27
Nebraska	State	NE-OS-32-17	01-31-27
New Hampshire	NELAP	2730	01-10-27
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-27
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	01-03-27
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-27
Oklahoma	NELAP	9804	12-13-26
Oregon	NELAP	PA200001	09-11-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Buffalo

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	36-00037	01-31-27
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-31-26
South Carolina	State	89002	01-31-27
Tennessee	State	02838	01-31-27
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	05-08-26
Vermont	State	VT - 36037	10-28-26
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-27
West Virginia (DW)	State	9906 C	01-31-27
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-27
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-237530-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
RSK-175	Dissolved Gases (GC)	RSK	EET BUF
RSK-175	Dissolved Gases (GC)	RSK	ELLE
6010C	Metals (ICP)	SW846	EET BUF
351.2	Nitrogen, Total Kjeldahl	EPA	EET BUF
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET BUF
353.2	Nitrogen, Nitrite	EPA	EET BUF
9012B	Cyanide, Total and/or Amenable	SW846	EET BUF
D516-90, 02	Sulfate	ASTM	EET BUF
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET BUF
SM 2320B	Alkalinity	SM	EET BUF
SM 3500 FE D	Iron, Ferrous and Ferric	SM	EET BUF
SM 4500 Cl- E	Chloride, Total	SM	EET BUF
SM 4500 S2 F	Sulfide, Total	SM	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
351.2	Nitrogen, Total Kjeldahl	EPA	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
RSK-175	Dissolved Gases Prep	RSK	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site:

Job ID: 480-237530-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-237530-1	MW-4	Water	04/08/26 08:35	04/09/26 10:15	New York
480-237530-2	MW-7	Water	04/08/26 08:45	04/09/26 10:15	New York
480-237530-3	MW-10	Water	04/08/26 09:40	04/09/26 10:15	New York
480-237530-4	MW-11	Water	04/08/26 09:40	04/09/26 10:15	New York
480-237530-5	MW-12	Water	04/08/26 10:35	04/09/26 10:15	New York
480-237530-6	MW-13	Water	04/08/26 10:40	04/09/26 10:15	New York
480-237530-7	MW-14	Water	04/08/26 09:40	04/09/26 10:15	New York
480-237530-8	MW-15	Water	04/08/26 10:45	04/09/26 10:15	New York
480-237530-9	MW-16	Water	04/08/26 08:45	04/09/26 10:15	New York
480-237530-10	Field Duplicate	Water	04/08/26 00:00	04/09/26 10:15	New York

Client Information		Sampler: <u>GAEG ERNST</u>		Lab PM: Beninati, John		COC No: 480-192895-40377.1	
Client Contact: Tim Beaumont		Phone:		E-Mail: John.Beninati@et.eurolims.com		Page: 1 of 1	
Company: Groundwater & Environmental Services Inc.		PWSID:		Job #:		Preservation Codes:	
Address: 6780 Northern Boulevard Suite 100		Due Date Requested:		Analysis Requested		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
City: East Syracuse		TAT Requested (days):					
State Zip: NY, 13057		Compliance Project: ☐ Yes ☒ No					
Phone:		PO #:		0625050-120950-221-1106			
Email: tbeaumont@gesonline.com		WO #:					
Project Name: Johnstown Semi-Annual GW Event Desc: Johnstown Semi-Annual		Project #:		48027231			
Site: Johnstown Semi-Annual GWS		SSOW#:					
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Soil, Sludge, Other)	Field Filtered Sample (Yes or No)	Form MS/MSD (Yes or No)
MW-4	4/8/26	08:35	G	Water			
MW-7		08:45	G	Water			
MW-10		09:40	G	Water			
MW-11		09:40	G	Water			
MW-12		10:35	G	Water			
MW-13		10:40	G	Water			
MW-13-MS		10:40	G	Water			
MW-14		09:40	G	Water			
MW-15		10:45	G	Water			
MW-16		08:45	G	Water			
Field Duplicate			G	Water			
Trip Blank		11:00		Water			
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		CAT B DELIVERY		Sample Disposal (A fee may be assessed if sample returned to client) ☐ Return To Client ☐ Disposal By Lab	
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <u>GAEG</u>		Date: 4/8/26		Time: 1335		Company: <u>GES</u>	
Relinquished by: <u>GAEG</u>		Date: 4/8/26		Time: 19:00		Company: <u>GES</u>	
Relinquished by:		Date:		Time:		Company:	
Custody Seals Intact: ☒ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2.0, 2.4, 3.2, 10.5, 10.8, 10.9		Ver: 01/16/2019	



480-237530 Chain of Custody

Ver: 10/10/2024 4/21/2026

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Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-237530-1

Login Number: 237530

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	
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.	False	
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	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-237530-1

Login Number: 237530

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 2

List Creation: 04/10/26 04:02 PM

Creator: Trzos, Hazel

Question	Answer	Comment
The cooler's custody seal 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 acceptable,where thermal pres is required(<=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (<=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	