

July 31, 2025

Michael Squire
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway – 11th Floor
Albany, New York 12233-7014

**Re: National Grid
 Little Falls (Mill Street) Non-Owned Former MGP Site
 NYSDEC Site No. 622034
 Little Falls, New York
 2025 Periodic Review Report**

Dear Mr. Squire:

Enclosed for your review is the 2025 Periodic Review Report (PRR) for the National Grid Little Falls Former MGP Site. The PRR pertains to the period from August 1, 2024 through August 1, 2025 and includes a brief report and Institutional Controls/Engineering Controls (IC/EC) Certification Form.

Please feel free to contact me at 315.428.5652 if you have any questions.

Sincerely,



for SPS
Steven P. Stucker, C.P.G.
Lead Environmental Engineer

Reporting Period – August 1, 2024 through August 1, 2025

I. Introduction

A. Brief Site Summary –

The Little Falls Former Manufactured Gas Plant (MGP) Site (the Site) is located on an approximate 1.35-acre lot, located on the south side of East Mill Street in Little Falls, New York (refer to Figure 1 Site Location Map). The Site is the western portion of an approximately 6.5-acre property currently owned by the Feldmeier Equipment, Inc. (Feldmeier). Manufactured gas was produced at the Site from approximately 1853 until 1907. The MGP was decommissioned in the early 1900's, and since then the site has been used for various industrial purposes, which include the manufacturing of furniture and stainless-steel tanks. Currently a paved parking lot and the western portion of the Feldmeier tank manufacturing building occupy the former MGP. The site was previously owned by a predecessor company of Niagara Mohawk Power Corporation.

An investigation of the Site began in 1997, to support the property transfer to Feldmeier, with a Phase I Environmental Site Assessment (ESA) and Phase II ESA (1998) which identified suspected MGP-related impacts near the historical MGP operations at the Site. As a result, National Grid implemented a site characterization (SC) and a remedial investigation (RI) at the site under a multi-site VCO with the NYSDEC between 2002 and 2006.

The RI identified that the highest concentration of constituents of concern (COCs) are primarily the volatile organic compounds (VOCs) benzene, toluene, ethylbenzene, and xylenes (collectively, BTEX), the general class of semi-volatile organic compounds (SVOCs) known as polycyclic aromatic hydrocarbons (PAHs), were localized to the locations of the former onsite gas holder. Significant MGP-related impacts were not encountered at the former offsite gas holder.

B. Remedial Program Effectiveness – During the reporting period (August 1, 2024 to August 1, 2025) the long-term remedial objectives were met for the site.

C. Remedial Program Compliance - The major elements within the Institutional Control/Engineering Control(s) (IC/EC) Plan are in compliance.

D. Remedial Program Recommendations - It is recommended that no changes be made to the IC/EC Plan. It is recommended that an annual Periodic Review Report (PRR) be submitted. The next PRR submittal will cover the period August 1, 2025 to August 1, 2026.

Reporting Period – August 1, 2024 through August 1, 2025

II. Site Overview

A. Site Location and Boundaries –

The Site is located on the south side of East Mill Street in Little Falls, County of Herkimer, New York (Figure 1 presents the site location map). The Site is an approximate 1.35-acre area and is bounded by East Mill Street to the north, George Lumber and Building Materials Company to the west, the Mohawk River to the south, and extends into the tank manufacturing building to the east. Currently, the property is a paved parking area, and the western portion of the Feldmeier tank manufacturing building.

B. Regulatory History and Remedy Features –

The Site was remediated in 2009 in accordance with the *Remedial Action Work Plan* (Arcadis, 2007). This PRR is being completed in compliance with Section 6.3 of the NYSDEC – approved Site Management Plan (SMP) for the project. A Deed of Restrictions and Covenants (DCR) was placed on the property in February 2018 by the Owner, and is included in Appendix A of the *Final Engineering Report* (Arcadis, 2020).

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness

- A. Evaluation of Remedy Performance –** Annual visual inspections of the cover system are conducted on the Site. The remedy performance has been effective in protecting the public.

IV. IC/EC Plan Compliance Report

A. IC/EC Requirements and Compliance

1. IC/EC Controls

The ICs/ECs:

- **Soil Cover System:** Annual site inspection of the cover system includes identification of any damage to the cover. National Grid conducts quarterly inspections for internal security purposes. See Attachment 1 for the Site Inspection Forms.
- **Monitoring Wells Associated with Monitored Natural Attenuation (MNA):** Annual groundwater sampling of the monitoring well system will be conducted, until either water quality is consistently below NYSDEC standards, or has become asymptotic at an acceptable level over an extended period.

- 2. IC/EC Goals -** Each goal is being met and/or working effectively.

Reporting Period – August 1, 2024 through August 1, 2025

3. **IC/EC Corrective Measures** – No deficiencies were noted during the site inspections.
 4. **IC/EC Conclusions/Recommendations** – The EC program is in compliance and there are no recommendations for the program at this time.
 5. **IC/EC Certification** – Refer to PRR Form - Attachment 2 for the certification.
- V. Monitoring Plan Compliance Report** – The Annual Monitoring Report was submitted to the NYSDEC on December 18, 2024. See Attachment 3 for a copy of the Annual Monitoring Report.
- VI. Operation & Maintenance (O&M) Plan Compliance Report** – Not Applicable
- VII. Overall PRR Conclusions and Recommendations**
- A. **Compliance with Site Management Plan (SMP)**
 1. **Requirements** – All IC/EC Plan requirements were met during this reporting period.
 2. **Exposure Pathways** – There are no new completed exposure pathways resulting in unacceptable risk.
 3. **Proposed Plans and Schedule to Meet Compliance** – No plan proposed.
 - B. **Performance and Effectiveness of the Remedy** – The remedy as described in the Site Management Plan and executed by National Grid has been effective in meeting the program goals.
 - C. **Future PRR Submittals** – The frequency of PRR Submittals should remain annual. Therefore, the next PRR reporting period will cover August 1, 2025 through August 1, 2026.
- VIII. Additional Guidance** – Not needed.

National Grid- Little Falls MGP Site (NYSDEC Site No. 622034)

Reporting Period – August 1, 2024 through August 1, 2025

REFERENCES

Arcadis, 2011. "Site Management Plan, Little Falls (Mill Street) Non-Owned Former MGP Site", March 2011.

Arcadis, 2020. "Final Engineering Report, Little Falls (Mill Street) Former Manufactured Gas Plant Site", December 2020.

National Grid- Little Falls MGP Site (NYSDEC Site No. 622034)

Reporting Period – August 1, 2024 through August 1, 2025

Attachment 1: Site Inspection Forms

Field Inspection Report
Non-Owned Former MGP Site
Mill Street
Little Falls, New York

Date: 6/26/2025
Technician: KL

Time: 13:45
Weather: Rain 65

Exterior Cover System			
Soil Intrusion Activities Being Performed	YES	NO	COMMENTS:
Evidence of any Intrusive Activities	YES	NO	COMMENTS:
Evidence of Saw Cutting	YES	NO	COMMENTS:
Evidence of Excavation or Trenching	YES	NO	COMMENTS:
Burrowing Animals	YES	NO	COMMENTS:

Interior Slab (West Side of Feldmeier Building)			
Sub-Slab Activities Being Performed	YES	NO	COMMENTS:
Signs of Sub-Slab Soil Intrusive Activities	YES	NO	COMMENTS:
Evidence of Excavation or Tunneling	YES	NO	COMMENTS:

Site Monitoring Wells		
Well ID.	Location Secure	
B-MW-3	YES	NO
FW-MW-1	YES	NO
FW-MW-2	YES	NO
FW-MW-3	YES	NO
FW-MW-5	YES	NO
MW-101RD	YES	NO
MW-102R	YES	NO
MW-103R	YES	NO
RW-1	YES	NO
RW-2	YES	NO
RW-3	YES	NO

Site DNAPL Recovery Wells				
Well ID.	DTW	DTP	DTB	Thickness
RW-1	N/A	N/A	21.95	
RW-2	N/A	N/A	19.42	
RW-3	N/A	N/A	31.70	

Levels and Recovery in March and September Only

General Comments:

Field Inspection Report
Non-Owned Former MGP Site
Mill Street
Little Falls, New York

Date: 3/27/2025
 Technician: KL

Time: 11:00
 Weather: Sunny 40

Exterior Cover System			
Soil Intrusion Activities Being Performed	YES	NO	COMMENTS:
Evidence of any Intrusive Activities	YES	NO	COMMENTS:
Evidence of Saw Cutting	YES	NO	COMMENTS:
Evidence of Excavation or Trenching	YES	NO	COMMENTS:
Burrowing Animals	YES	NO	COMMENTS:

Interior Slab (West Side of Feldmeier Building)			
Sub-Slab Activities Being Performed	YES	NO	COMMENTS:
Signs of Sub-Slab Soil Intrusive Activities	YES	NO	COMMENTS:
Evidence of Excavation or Tunneling	YES	NO	COMMENTS:

Site Monitoring Wells		
Well ID.	Location Secure	
B-MW-3	YES	NO
FW-MW-1	YES	NO
FW-MW-2	YES	NO
FW-MW-3	YES	NO
FW-MW-5	YES	NO
MW-101RD	YES	NO
MW-102R	YES	NO
MW-103R	YES	NO
RW-1	YES	NO
RW-2	YES	NO
RW-3	YES	NO

Site DNAPL Recovery Wells				
Well ID.	DTW	DTP	DTB	Thickness
RW-1	14.70	N/A	21.95	
RW-2	15.23	N/A	19.42	
RW-3	15.58	trace	31.70	

Levels and Recovery in March and September Only

General Comments:

Field Inspection Report
Non-Owned Former MGP Site
Mill Street
Little Falls, New York

Date: 12/5/2024
Technician: KL

Time: 10:15
Weather: Snow 33

Exterior Cover System			
Soil Intrusion Activities Being Performed	YES	NO	COMMENTS:
Evidence of any Intrusive Activities	YES	NO	COMMENTS:
Evidence of Saw Cutting	YES	NO	COMMENTS:
Evidence of Excavation or Trenching	YES	NO	COMMENTS:
Burrowing Animals	YES	NO	COMMENTS:

Interior Slab (West Side of Feldmeier Building)			
Sub-Slab Activities Being Performed	YES	NO	COMMENTS:
Signs of Sub-Slab Soil Intrusive Activities	YES	NO	COMMENTS:
Evidence of Excavation or Tunneling	YES	NO	COMMENTS:

Site Monitoring Wells		
Well ID.	Location Secure	
B-MW-3	YES	NO
FW-MW-1	YES	NO
FW-MW-2	YES	NO
FW-MW-3	YES	NO
FW-MW-5	YES	NO
MW-101RD	YES	NO
MW-102R	YES	NO
MW-103R	YES	NO
RW-1	YES	NO
RW-2	YES	NO
RW-3	YES	NO

Site DNAPL Recovery Wells				
Well ID.	DTW	DTP	DTB	Thickness
RW-1	N/A	N/A	21.95	
RW-2	N/A	N/A	19.42	
RW-3	N/A	N/A	31.70	

Levels and Recovery in March and September Only

General Comments:

Field Inspection Report
Non-Owned Former MGP Site
Mill Street
Little Falls, New York

Date: 9/11/2024
Technician: KL

Time: 9:30
Weather: Sunny 63

Exterior Cover System			
Soil Intrusion Activities Being Performed	YES	NO	COMMENTS:
Evidence of any Intrusive Activities	YES	NO	COMMENTS:
Evidence of Saw Cutting	YES	NO	COMMENTS:
Evidence of Excavation or Trenching	YES	NO	COMMENTS:
Burrowing Animals	YES	NO	COMMENTS:

Interior Slab (West Side of Feldmeier Building)			
Sub-Slab Activities Being Performed	YES	NO	COMMENTS:
Signs of Sub-Slab Soil Intrusive Activities	YES	NO	COMMENTS:
Evidence of Excavation or Tunneling	YES	NO	COMMENTS:

Site Monitoring Wells		
Well ID.	Location Secure	
B-MW-3	YES	NO
FW-MW-1	YES	NO
FW-MW-2	YES	NO
FW-MW-3	YES	NO
FW-MW-5	YES	NO
MW-101RD	YES	NO
MW-102R	YES	NO
MW-103R	YES	NO
RW-1	YES	NO
RW-2	YES	NO
RW-3	YES	NO

Site DNAPL Recovery Wells				
Well ID.	DTW	DTP	DTB	Thickness
RW-1	14.58	N/A	21.95	
RW-2	15.27	N/A	19.42	
RW-3	18.37	N/A	31.70	trace

Levels and Recovery in March and September Only

General Comments:



Site Conditions – September 2024



Site Conditions – December 2024



Site Conditions – March 2025



Site Conditions – June 2025

National Grid- Little Falls MGP Site (NYSDEC Site No. 622034)

Reporting Period – August 1, 2024 through August 1, 2025

Attachment 2: PRR Certification Form



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details

Box 1

Site No. **622034**

Site Name **NM - Little Falls MGP**

Site Address: E. Mill St Zip Code: 13365

City/Town: Little Falls

County: Herkimer

Site Acreage: 1.360

Reporting Period: August 01, 2024 to August 01, 2025

YES NO

1. Is the information above correct?

☒ ☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?

☐ ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?

☐ ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?

☐ ☒

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development?

☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below?

☒ ☐

7. Are all ICs in place and functioning as designed?

☒ ☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Description of Institutional ControlsParcelOwner

Steven P. Stucker

Institutional Control

Ground Water Use Restriction
Landuse Restriction
Site Management Plan

The specific institutional controls to be implemented under the site management plan (SMP) are as follows:

1. The Site may only be used for industrial enterprises provided that the long-term institutional and engineering controls identified in the SMP are employed.
2. All engineering controls must be operated and maintained as specified in the SMP.
3. All engineering controls must be inspected at the frequency and in the manner defined in the SMP.
4. The use of groundwater underlying the Site is prohibited without necessary water quality treatment, as determined by the Department or Relevant Agency, to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the NYSDEC.
5. Groundwater and other environmental or public health monitoring must be performed as defined in the SMP.

Description of Engineering ControlsParcelEngineering Control

Cover System
Monitoring Wells

Exposure to remaining MGP-related impacts in soil at the Site is prevented by a soil cover system, which comprises the existing Feldmeier manufacturing building, a concrete pad supporting a pole barn along the southern edge of the site, and an asphalt pavement covering the rest of the site.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 622034

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Gerald Cresap, PE at 6780 Northern Blvd., Suite 100, East Syracuse, NY,
print name print business address

am certifying as agent for National Grid (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party or Designated Representative
Rendering Certification

Date

7/29/2025



EC CERTIFICATIONS

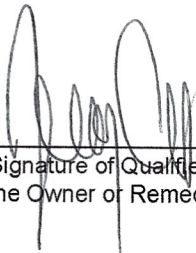
Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Gerald Cresap, PE at 6780 Northern Blvd., Suite 100, East Syracuse, NY
print name print business address

am certifying as a Qualified Environmental Professional for the agent for National Grid
(Owner or Remedial Party)



Signature of Qualified Environmental Professional, 087401 State of New York
the Owner or Remedial Party, Rendering Certification (Required for PE)

7/29/2025
Date

National Grid- Little Falls MGP Site (NYSDEC Site No. 622034)

Reporting Period – August 1, 2024 through August 1, 2025

Attachment 3: Annual Monitoring Report

December 18, 2024

Michael Squire
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway – 11th Floor
Albany, NY 12233

**Re: National Grid
Little Falls (Mill Street) Non-Owned Former MGP Site
Little Falls, New York
2024 Groundwater and NAPL Monitoring Results
VCO Index No. D0-0001-0011
Site No. V00470**

Dear Mr. Squire:

Attached for your information is the 2024 Groundwater Monitoring Report detailing the annual groundwater monitoring event and OM&M activities conducted from January 1, 2024, to December 31, 2024, at the National Grid Little Falls (Mill Street) Site. Site activities were conducted in accordance with the NYSDEC-approved Remedial Action Work Plan (ARCADIS; 2007) and Site Management Plan (ARCADIS; 2011).

The annual groundwater samples were collected on September 11, 2024. The results of this event indicate that the groundwater quality is consistent with previous sampling events.

Please contact me at 315-428-5652 if you have any questions.

Sincerely,



for SPS

Steven P. Stucker, C.P.G.
Lead Engineer
Environmental Department

National Grid

2024 Groundwater Monitoring Report



National Grid Little Falls (Mill Street) Site
575 Mill Street
Little Falls, NY

December 2024

Version 1





2024 Groundwater Monitoring Report

National Grid Little Falls (Mill Street) Site
575 Mill Street
Little Falls, NY

Prepared for:
National Grid
300 Erie Boulevard West, C-1
Syracuse, NY 13202

Prepared by:
Groundwater & Environmental Services, Inc.
6780 Northern Blvd. Suite 100
East Syracuse, NY 13057
TEL: 800-220-3069
www.gesonline.com

GES Project:
0603500.125340.221

Date:
December 18, 2024

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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Figure 2 – Site Map

Figure 3 – Groundwater Contour Map

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Figure 5 – Naphthalene Contour Map

Tables

Table 1 – Groundwater Elevation Measurements

Table 2 – Groundwater Analytical Results

Appendices

Appendix A – Quarterly Inspection Forms

Appendix B – Well Sampling Field Data

Appendix C – Data Usability Summary Report and Analytical Data

Acronyms

AWQS	Ambient Water Quality Standards
BTEX	Benzene, Toluene, Ethylbenzene, and Total Xylenes
DUSR	Data Usability Summary Report
FER	Final Engineering Report
GES	Groundwater & Environmental Services, Inc.
MGP	Manufactured Gas Plant
NAPL	Light Non-Aqueous Phase Liquid
NYSDEC	New York State Department of Environmental Conservation
OM&M	Operation, Maintenance, and Monitoring
Pace	Pace Analytical Services, LLC
RAWP	Remedial Action Work Plan
SMP	Site Management Plan
SVOC	Semi-volatile organic compound
TAL	Target Analyte List
TCL	Target Compound List
VOC	Volatile Organic Compound

1 Introduction

1.1 Overview

Groundwater & Environmental Services, Inc. (GES) has prepared this 2024 Groundwater Monitoring Report (covering January 1, 2024 – December 31, 2024) for the Little Falls (Mill Street) Site, Little Falls, New York. The groundwater and non-aqueous phase liquid (NAPL) monitoring activities described in this letter were completed as part of the post-remedial monitoring activities outlined in the New York State Department of Environmental Conservation- (NYSDEC) approved Remedial Action Work Plan (RAWP) prepared by ARCADIS of New York, Inc., (ARCADIS, 2007) and the Site Management Plan (SMP) (ARCADIS, 2011). The RAWP was approved in a letter dated March 11, 2008, from Mr. Bernard Franklin of the NYSDEC to Mr. James F. Morgan of National Grid. The SMP was approved in a letter dated May 5, 2011, from the NYSDEC to National Grid.

Groundwater monitoring has been conducted at the Site in order to evaluate the effectiveness of remedial activities previously completed at the Site and to monitor long-term groundwater quality trends. Currently, groundwater sampling at the Former MGP Site is performed on an annual basis.

The following Operation, Maintenance, and Monitoring (OM&M) activities conducted during this reporting period are summarized below:

- Quarterly site inspections, including checks on the Site structures, the exterior cover system, the interior Feldmeier Building concrete slab, riverbank, groundwater monitoring wells, NAPL wells, and storm-water features that could impact the remedy.
- Quarterly groundwater elevation data.
- Annual NAPL monitoring and collection, if necessary.
- Annual groundwater sampling, analysis and data validation. Water samples are submitted to Eurofins Environment Testing (Eurofins) for laboratory analysis of target compound list (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), and target analyte list (TAL) inorganics (including cyanide) for comparison to NYSDEC Ambient Water Quality Standards (AWQS).
- Any site maintenance that comes about as a result of the quarterly inspections.

1.2 Site Description

The Little Falls (Mill Street) Former Manufactured Gas Plant Site located in Little Falls, New York is comprised of approximately 6.5 acres of land and is currently owned by Feldmeier (refer to **Figure 1 – Site Location Map** and **Figure 2 – Site Map**). As shown on the figures, the Site is located north of the Mohawk River, east of George Lumber and Building Materials Company (George Lumber), south of East Mill Street, and west of the line of demarcation. The Site is located on the western portion of



the approximately 6.5-acre property and is occupied by a paved parking lot, and the western portion of a tank manufacturing building owned by Feldmeier. Some vegetated areas are present along the margins of the parking lot, and in the area south of the tank manufacturing building along the bank of the Mohawk River.

The remedial action plan in place at the site was substantially completed in August 2009. The Final Engineering Report (FER) was submitted to NYSDEC in October 2019, and written approval from NYSDEC was received on April 1, 2021.

2 Quarterly Site Inspections and Groundwater Monitoring Activities

2.1 Quarterly Site Inspections

GES conducted quarterly site inspections during this reporting period on March 27, June 26, September 11, and December 5, 2024.

In general, the Site is in good condition and in compliance. The exterior cover system is intact. No visible saw cutting, holes from burrowing animals, or evidence of any other intrusive activities were noted in 2024. The groundwater monitoring wells and NAPL wells are secured and operable.

It should be noted that four (4) piezometers that were part of the SMP requirements to conduct groundwater static level measurements were never located: PZ-102, PZ-103, PZ-105, and PZ-106. It is believed these piezometers have long since been removed or covered during Feldmeier site modifications (i.e., storage shed installation and/or asphalt/gravel road installation). National Grid believes there are ample groundwater wells for obtaining water table measurements and these four piezometers are not necessary. The new storage shed and existing wells were resurveyed in January 2016.

Appendix A includes the Quarterly Site Inspection Forms.

2.2 Groundwater Well Gauging

Groundwater level measurements are collected at the Site to accomplish the following:

- To determine the general groundwater flow direction on site.

Annual gauging field data is presented in **Table 1**. Based on the September 2024 groundwater level measurements, groundwater in the overburden/shallow bedrock beneath the Site flows to the south (which is consistent with the local groundwater flow direction observed during the RI and previous monitoring events). There is a groundwater depression observed near the Mohawk River near recovery well RW-3, where the groundwater is likely mimicking the drop in the bedrock surface as it approaches the Mohawk River. A potentiometric surface map for overburden/shallow bedrock groundwater developed from the September groundwater elevations is presented on **Figure 3**. Based on the September 2024 groundwater level measurements from the one deep bedrock well at the Site (well MW-101RD), an upward hydraulic gradient exists between the deep bedrock unit and the overburden/shallow rock unit at the Site, indicating that the groundwater from the deep bedrock unit likely discharges to the Mohawk River.

2.3 Annual NAPL Monitoring and Collection

Annual NAPL monitoring was conducted at on-site recovery wells RW-1, RW-2, and RW-3, and monitoring wells B-MW-3, FWMW-1, FWMW-2, FWMW-3, FWMW-5, MW-101RD, MW-102R, and MW-103R. NAPL observations were documented on the Site inspection forms as presented in **Appendix A**. A summary of NAPL observations where NAPL was present from October 2011

through the 2024 monitoring event (including NAPL thickness measured for previous monitoring events) is presented below.

Measurable NAPL was not detected in during the September 2024 monitoring event, however a trace of NAPL was noted on the interface probe when it was retrieved from well RW-3.

Presence/Thickness of NAPL (in inches)

Well	Oct 2011	Dec 2011	June 2012	Dec 2012	Aug 2013	Dec 2013	June 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
RW-1	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
RW-2	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
RW-3	Trace	Trace	0.12	0.48	0.96	0.96	2.04	NP	NP	NP	Trace
MW-101RD	NP	NP	NP	NP	NP	Trace	NP	NP	NP	NP	NP

Well	Oct 2019	Sept 2020	Sept 2021	Sept 2022	Sept 2023	Sept 2024
RW-1	NP	NP	NP	NA	NP	NP
RW-2	NP	NP	NP	NP	NP	NP
RW-3	NP	Trace	NP	0.6	NP	Trace
MW-101RD	NP	NP	NP	NP	NP	NP

NP – NAPL was not present

NA – Not Accessible

2.4 Groundwater Well Sampling and Analysis

Groundwater samples were collected from eight (8) monitoring wells B-MW-3, FWMW-1, FWMW-2, FWMW-3, FWMW-5, MW-101RD, MW-102R, and MW-103R, on September 11, 2024. The wells were purged using a peristaltic pump. Field Measurements of pH, conductivity, turbidity, dissolved oxygen, temperature, total dissolved solids and oxidation-reduction potential were recorded using a Horiba U-52 water quality meter during sample collection. Samples were collected once field parameters stabilized. Field monitoring data and the chain-of-custody record are included in **Appendix B**.

Eight (8) aqueous field samples, a field duplicate, and trip blank were analyzed for TCL VOCs, TCL SVOCs, and TAT inorganics. The samples were analyzed by Eurofins in accordance with the NYSDEC Analytical Services Protocol. The Analytical Lab Report and Data Usability Summary Report are presented in **Appendix C**. Analytical results are summarized in **Table 2**. A BTEX (benzene, toluene, ethylbenzene, xylenes) contour map is shown on **Figure 4**. A naphthalene contour map is shown on **Figure 5**.

VOCs were detected in five (5) of the eight (8) groundwater monitoring wells that were sampled during the September 2024 groundwater sampling event. There were detections of 1,1,1-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, benzene, bromodichloromethane, chloroform, cis-1,2-Dichloroethene, and vinyl chloride. SVOCs were detected in two (2) of the



eight (8) groundwater samples collected. Detections of SVOCs include acenaphthene, acenaphthylene, anthracene, carbazole, dibenzofuran, fluoranthene, fluorene, phenanthrene, and pyrene.

TAL inorganics were detected in all eight (8) groundwater samples collected in September 2024. Manganese concentrations in five (5) of the eight (8) samples exceeded the AWQS criteria. Antimony, beryllium, selenium, silver, thallium, and mercury were the only inorganics not detected in any of the groundwater samples collected. The analytical results for the inorganics as well as VOCs and SVOCs are summarized on **Table 2**.

3 Conclusions and Recommendations

3.1 Conclusions

Based on the results of the past year's activities, the following conclusions were made:

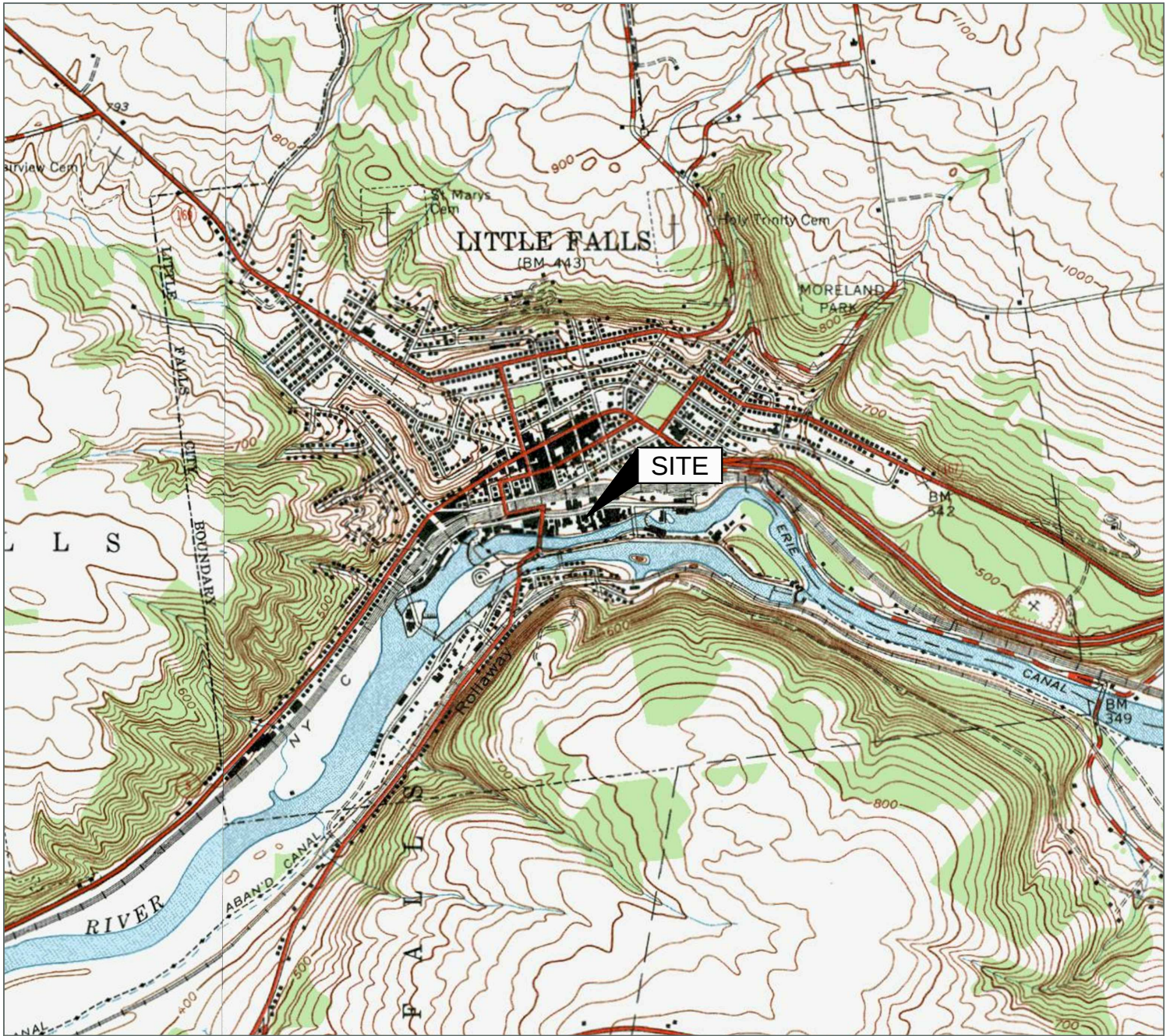
- Quarterly site inspections demonstrate that the site is in good condition and in compliance.
- Groundwater beneath the Site appears to flow in a general south direction towards the Mohawk River.
- Measurable NAPL was not detected in any monitoring well or recovery well during the September 2024 monitoring event.
- Benzene was detected in FWMW-1, MW-102R, and MW-103R. Naphthalene was not detected in any monitoring well. These detections are generally consistent with previous sampling events.

3.2 Recommendations

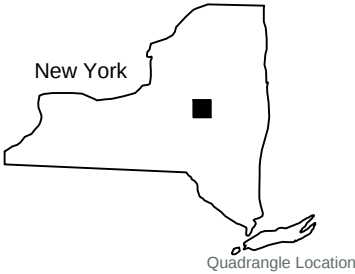
It is recommended that all OM&M activities continue, with the next report due in February 2026.



Figures

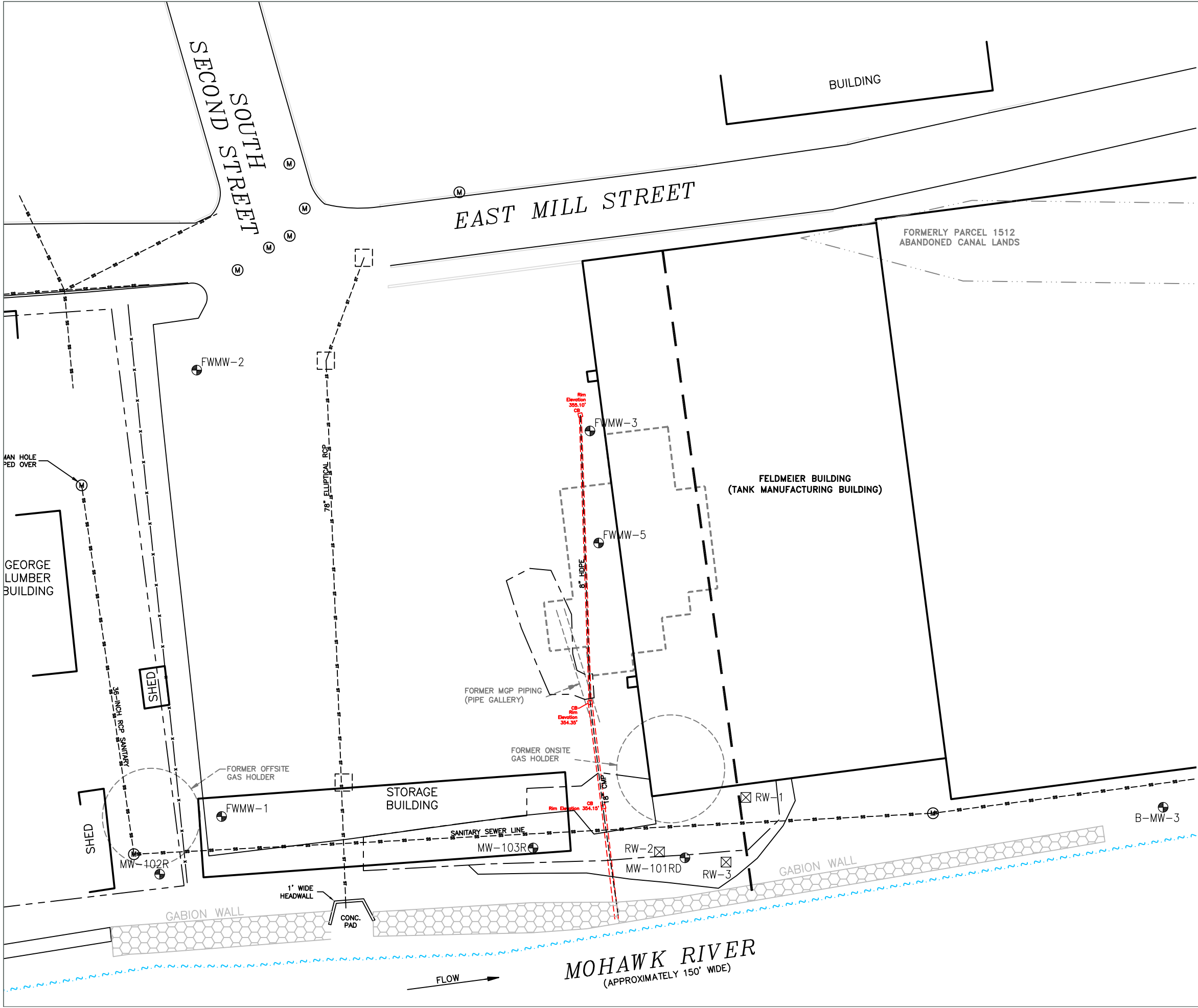


Source:
 USGS 7.5 Minute Series
 Topographic Quadrangle, 1943
 Little Falls, New York
 Contour Interval = 20'



Site Location Map	
National Grid Former MGP Site 575 Mill Street Little Falls, New York	
Drawn W.G.S. Designed Approved	Date 12-27-17 Figure 1
 Scale In Feet  	

M:\Graphics\0600-Syracuse\Misc\National Grid\Little Falls SM.dwg, B40 sm, WShea



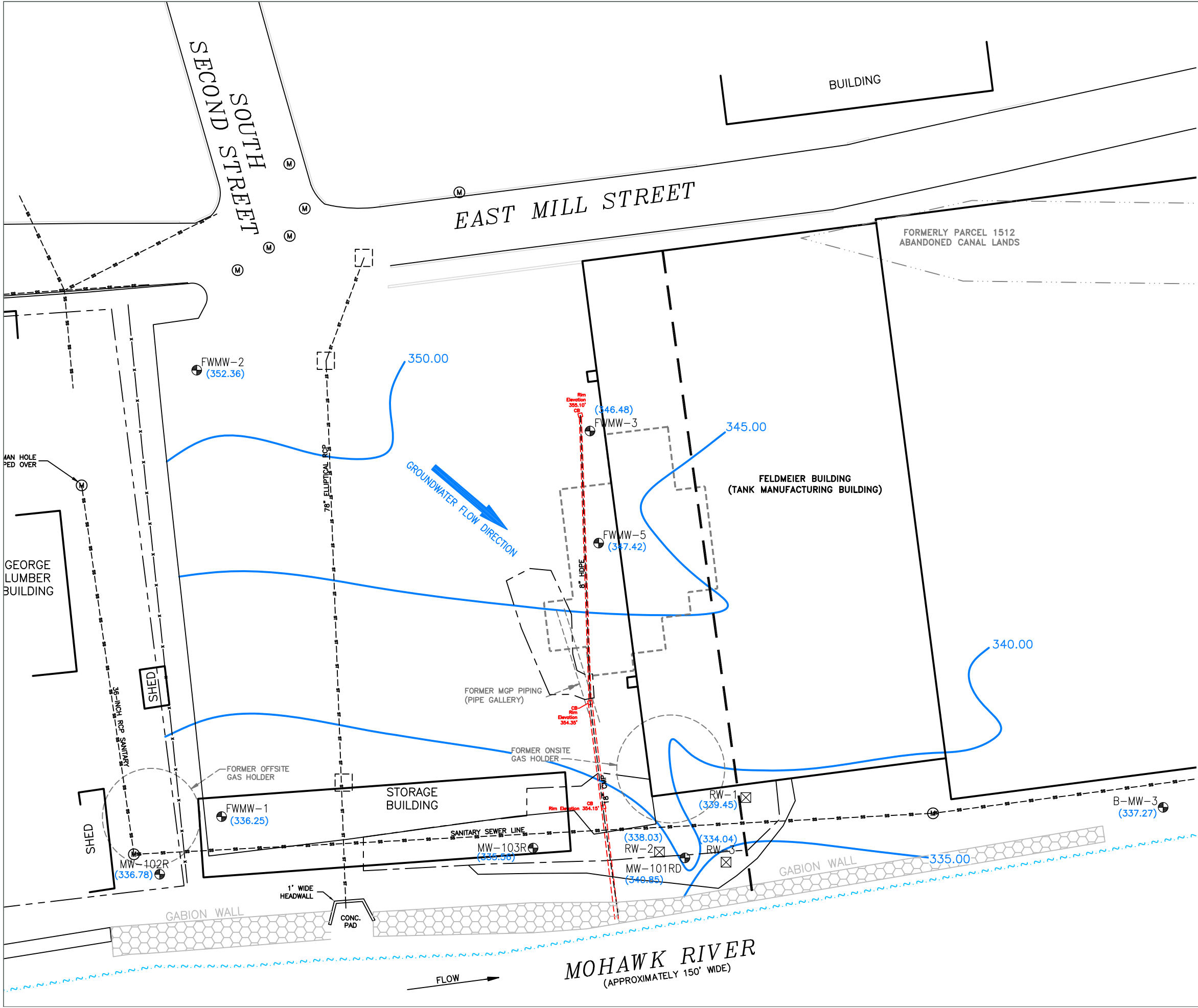
LEGEND

- PROPERTY BOUNDARY
- x — FENCE
- ~ ~ ~ WATERS EDGE
- (M) UTILITY MANHOLE
- ⊕ MONITORING WELL
- ⊠ RECOVERY WELL
- SS — UNDERGROUND SANITARY SEWER LINE
- ST — UNDERGROUND STORM SEWER LINE

Site Map	
National Grid Former MGP Site 575 Mill Street Little Falls, New York	
Drawn W.G.S. Designed	Date 1/30/23 Figure 2
Approved	
 Scale In Feet 0 40	
 Groundwater & Environmental Services, Inc.	

LEGEND

- PROPERTY BOUNDARY
- x — FENCE
- ~~~~~ WATERS EDGE
- Ⓜ UTILITY MANHOLE
- ⊕ MONITORING WELL
- ⊠ RECOVERY WELL
- SS — UNDERGROUND SANITARY SEWER LINE
- ST — UNDERGROUND STORM SEWER LINE
- (352.38) GROUNDWATER ELEVATION (feet)
- ~~~~~ GROUNDWATER CONTOUR (FEET)

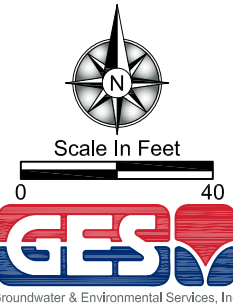


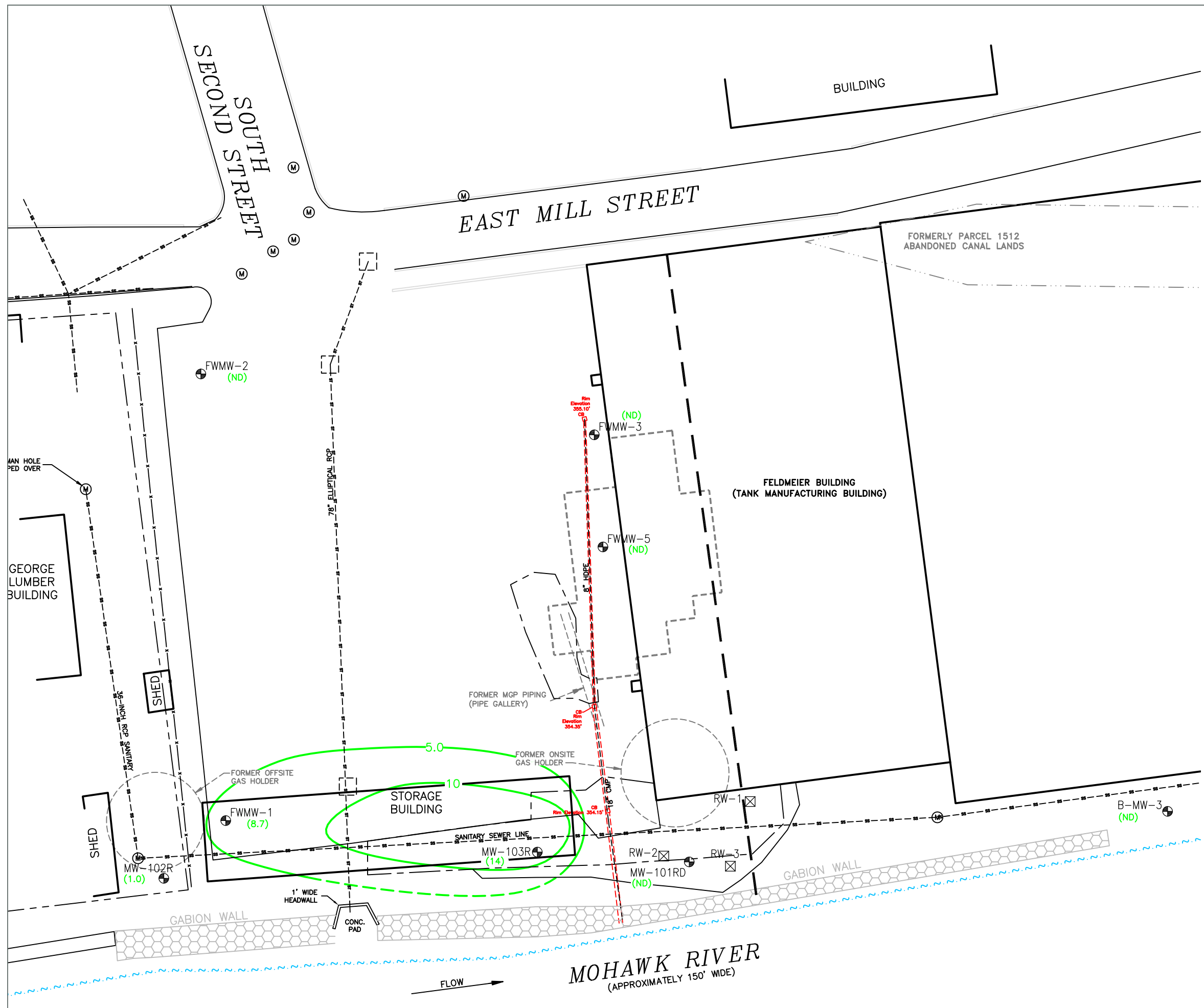
Groundwater Contour Map
September 11, 2024

National Grid
Former MGP Site
575 Mill Street
Little Falls, New York

Drawn
R.J.
Designed
R.K.
Approved
T.B.

Date
10/02/24
Figure
3





LEGEND

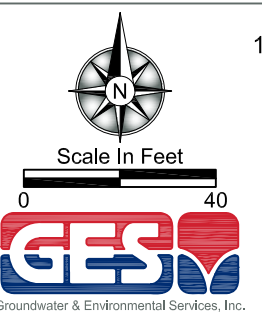
— — — — —	PROPERTY BOUNDARY
— x —	FENCE
~ ~ ~ ~ ~	WATERS EDGE
(M)	UTILITY MANHOLE
⊕	MONITORING WELL
⊠	RECOVERY WELL
— SS —	UNDERGROUND SANITARY SEWER LINE
— ST —	UNDERGROUND STORM SEWER LINE
(28.4)	BTEX CONCENTRATION (μg/L)
— — — — —	BTEX CONTOUR
- - - - -	DASHED WHERE INFERRED
μg/L	MICROGRAMS PER LITER
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
ND	NOT DETECTED

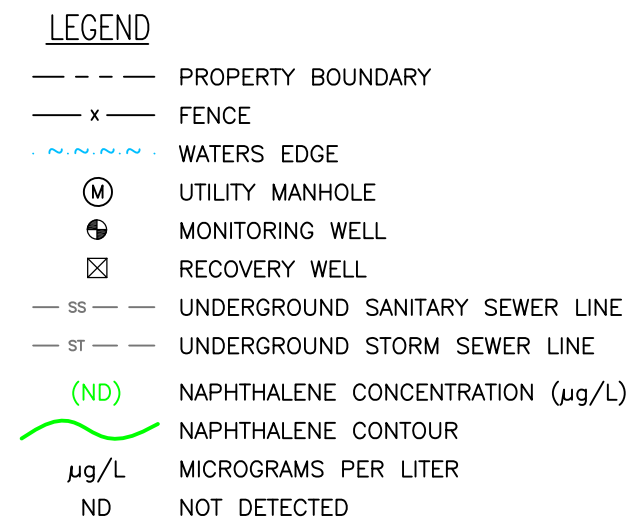
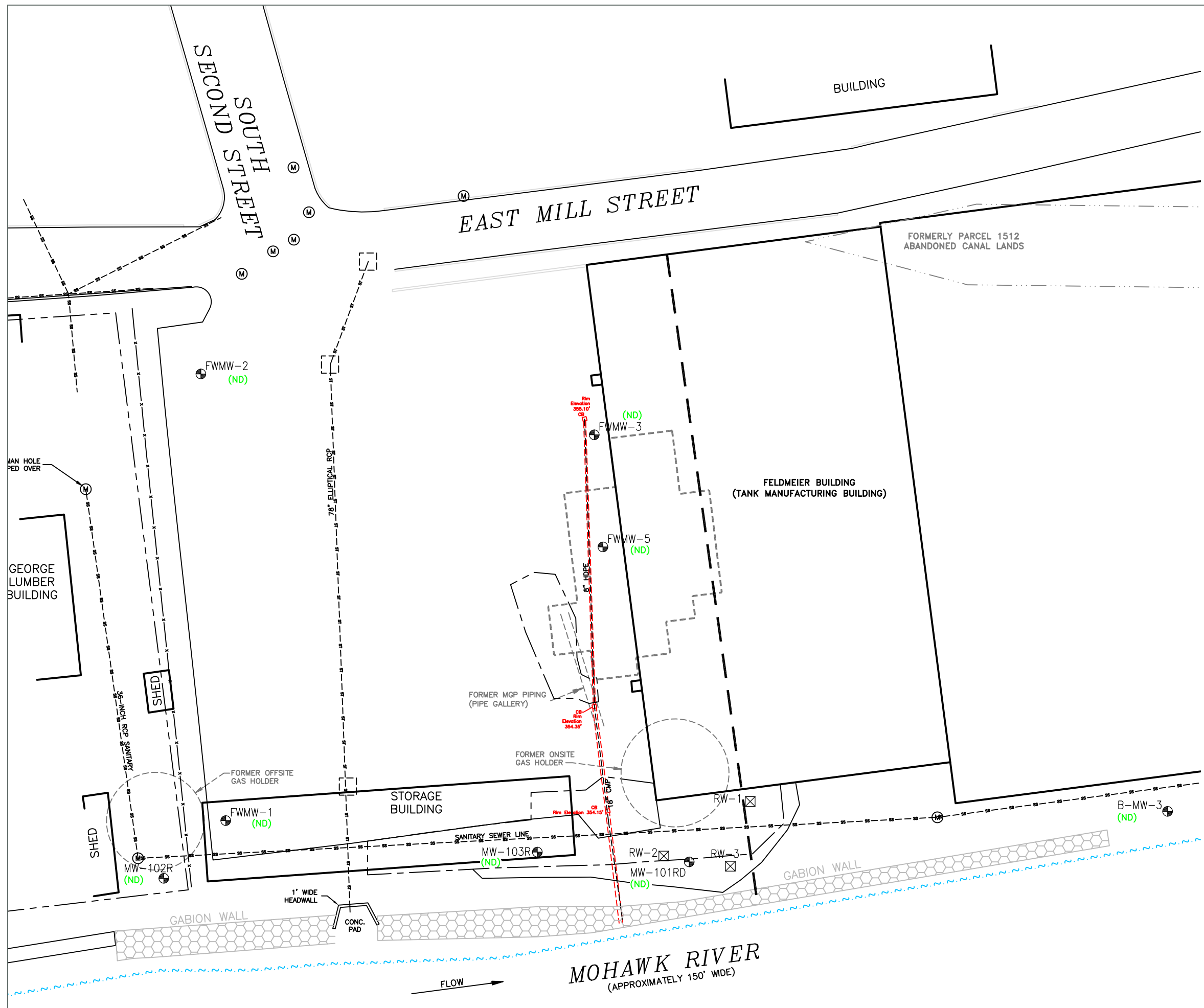
BTEX Contour Map
September 11, 2024

National Grid
Former MGP Site
575 Mill Street
Little Falls, New York

Drawn
R.J.
Designed
R.K.
Approved
T.B.

Date
10/02/24
Figure
4







Tables



Table 1
Groundwater Elevation Measurements

Well ID	Top of Casing Elevation (ft. AMSL)	February 2011	April 2011	December 2011	June 2012	December 2012	August 2013	December 2013	December 2014	October 2015	October 2016	October 2017	October 2018	October 2019	September 2020	September 2021	September 2022	September 2023	September 2024
B-MW-3	351.40	NA	NA	336.53	NA	337.17	335.93	335.78	337.06	337.32	337.40	337.35	337.60	337.42	336.40	337.00	336.27	337.26	337.27
FWMW-1	355.58	NA	NA	336.70	NA	336.69	336.72	336.36	338.93	336.71	336.68	336.03	336.68	337.80	339.30	340.51	336.66	336.54	336.25
FWMW-2	361.94	NA	NA	353.00	NA	352.94	352.77	352.89	353.29	352.71	352.42	352.04	352.59	352.63	351.99	352.39	352.60	352.34	352.38
FWMW-3	354.93	NA	NA	346.35	NA	345.32	346.33	346.31	346.33	346.52	346.40	346.43	346.43	346.43	339.93	346.42	346.45	346.40	346.48
FWMW-5	355.09	NA	NA	347.59	NA	348.01	347.54	347.25	348.01	347.95	347.67	347.52	347.94	347.77	346.98	347.32	347.75	346.99	347.42
MW-101RD	351.58	340.58	345.71	341.18	340.78	340.94	340.68	340.77	340.82	340.75	340.83	340.82	341.06	341.32	340.76	340.89	341.11	341.05	340.85
MW-102R	356.10	NA	NA	337.48	NA	337.31	337.55	336.72	337.58	337.15	336.84	336.00	336.80	338.05	347.91	338.86	336.58	336.75	336.78
MW-103R	353.83	NA	NA	336.24	NA	335.83	335.55	335.42	335.55	335.64	335.83	335.97	336.03	335.21	335.78	335.78	335.79	335.83	335.56
RW-1	354.03	339.26	345.33	339.32	339.37	339.34	339.5	339.34	339.35	339.34	NA	339.31	339.33	339.45	339.33	339.34	NA	339.46	339.45
RW-2	353.30	338.04	345.33	338.12	338.05	347.20	338.11	338.01	338.08	338.09	338.17	338.20	338.00	335.58	334.14	338.07	338.05	338.07	338.03
RW-3	352.41	333.44	340.15	333.98	333.51	333.57	333.41	333.99	333.86	333.69	333.86	333.96	334.06	337.54	334.14	334.33	334.31	334.24	334.04

Notes:
Elevations reported in feet above mean sea level (ft AMSL). Elevations referenced to National Geodetic Vertical Datum (NGVD) 1988.
NA = Not Accessible

Table 2
Groundwater Analytical Results
September 2024

Constituent	NYSDEC AWQS	Units	B-MW-3	FWMW-1	FWMW-2	FWMW-3	FWMW-5	MW-101RD	MW-102R	MW-103R
VOCs										
1,1,1-Trichloroethane	5	ug/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	69	ND (<1.0)	ND (<1.0)
1,1-Dichloroethane	5	ug/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	98		4.3
1,1-Dichloroethene	5	ug/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	19 J	0.73 J	ND (<1.0)
Benzene	1	ug/L	ND (<1.0)	8.7	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<40)	1.0	14
Bromodichloromethane	50	ug/L	0.79 J	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<40)	ND (<1.0)	ND (<1.0)
Chloroethane	5	ug/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<40)	ND (<1.0)	2.2
Chloroform	7	ug/L	33	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<40)	ND (<1.0)	ND (<1.0)
cis-1,2-Dichloroethene	5	ug/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	1,700	42	ND (<1.0)
Ethylbenzene	5	ug/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<40)	ND (<1.0)	ND (<1.0)
Isopropylbenzene	5	ug/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<40)	ND (<1.0)	ND (<1.0)
Toluene	5	ug/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<40)	ND (<1.0)	ND (<1.0)
trans-1,2-Dichloroethene	5	ug/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<40)	ND (<1.0)	ND (<1.0)
Trichloroethene	5	ug/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<40)	ND (<1.0)	ND (<1.0)
Vinyl Chloride	2	ug/L	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	200	16	ND (<1.0)
Xylene (Total)	5	ug/L	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<80)	ND (<2.0)	ND (<2.0)
SVOCs										
Acenaphthene	20	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	6.6	ND (<5.0)	ND (<5.0)
Acenaphthylene	NA	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	2.3 J	ND (<5.0)	ND (<5.0)
Anthracene	50	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	1.9 J	ND (<5.0)	ND (<5.0)
Benzo(a)anthracene	0.002	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	NA	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	0.002	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	NA	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	0.002	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
bis(2-Ethylhexyl)phthalate	5	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Carbazole	NA	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	2.5 J	ND (<5.0)	4.8 J
Chrysene	0.002	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Dibenz(a,h)anthracene	NA	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Dibenzofuran	NA	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	5.7 J	ND (<5.0)	ND (<5.0)
Fluoranthene	50	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	2.8 J	ND (<5.0)	ND (<5.0)
Fluorene	50	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	7.2	ND (<5.0)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	0.002	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Naphthalene	10	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
Phenanthrene	50	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	5.4	ND (<5.0)	ND (<5.0)
Pyrene	50	ug/L	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	2.0 J	ND (<5.0)	ND (<5.0)
Metals										
Aluminum	NA	ug/L	ND (<200)	960	480	760	220	760	ND (<200)	140 J
Antimony	3	ug/L	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)
Arsenic	25	ug/L	ND (<15)	24	ND (<15)	ND (<15)	ND (<15)	ND (<15)	ND (<15)	5.8 J
Barium	1,000	ug/L	17	430	300	55	48	220		260
Beryllium	3	ug/L	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
Cadmium	5	ug/L	ND (<2.0)	1.2 J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
Calcium	NA	ug/L	48,600	45,900	231,000	104,000	145,000	150,000	126,000	205,000
Chromium	50	ug/L	1.0 J	27	2.5 J	4.0	8.4	3.7 J	1.6 J	1.4 J
Cobalt	NA	ug/L	ND (<4.0)	2.8 J	ND (<4.0)	ND (<4.0)	3.0 J	ND (<4.0)	ND (<4.0)	ND (<4.0)
Copper	200	ug/L	3.8 J	65	10	3.4 J	4.0 J	11	5.5 J	3.6 J
Iron	300	ug/L	ND (<50)	51,300	19,100	670	830	2,300	2,900	2,700
Lead	25	ug/L	5.3 J	12	8.7 J	4.4 J	4.4 J	4.8 J	4.8 J	5.0 J
Magnesium	35,000	ug/L	7,600	17,000	20,400	8,000	17,000	19,600	19,900	28,100
Manganese	300	ug/L	0.63 J	320	1,400	32	40	630	1,400	7,200
Nickel	100	ug/L	ND (<10)	13	2.3 J	1.3 J	5.5 J	2.9 J	1.4 J	2.0 J
Potassium	NA	ug/L	660	6,600	7,100	2,100	3,800	7,600	5,700	9,300
Selenium	10	ug/L	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)
Silver	50	ug/L	ND (<6.0)	ND (<6.0)	ND (<6.0)	ND (<6.0)	ND (<6.0)	ND (<6.0)	ND (<6.0)	ND (<6.0)
Sodium	20,000	ug/L	7,500	75,700	728,000	37,100	74,000	337,000	147,000	448,000
Thallium	0.5	ug/L	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)
Vanadium	NA	ug/L	ND (<5.0)	8.3	1.7 J	3.7 J	1.7 J	2.1 J	ND (<5.0)	1.9 J
Zinc	2,000	ug/L	6.5 J	170	38	22	32.0	12	7.5 J	ND (<50)
Mercury	0.7	ug/L	ND (<0.20)	ND (<0.30)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)
Total Cyanide	200	ug/L	ND (<10.0)	4.6 J	7.7 J	80	20	ND (<10.0)	ND (<10.0)	15

AWQS = Ambient Water Quality Standards (from TOGS 1.1.1)
NA = NYSDEC AWQS Not Applicable for this Constituent
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
Bolded = values indicate exceedance of the NYSDEC AWQS



Appendix A – Quarterly Inspection Forms

Field Inspection Report
Non-Owned Former MGP Site
Mill Street
Little Falls, New York

Date: 12/5/2024
Technician: KL

Time: 10:15
Weather: Snow 33

Exterior Cover System			
Soil Intrusion Activities Being Performed	YES	NO	COMMENTS:
Evidence of any Intrusive Activities	YES	NO	COMMENTS:
Evidence of Saw Cutting	YES	NO	COMMENTS:
Evidence of Excavation or Trenching	YES	NO	COMMENTS:
Burrowing Animals	YES	NO	COMMENTS:

Interior Slab (West Side of Feldmeier Building)			
Sub-Slab Activities Being Performed	YES	NO	COMMENTS:
Signs of Sub-Slab Soil Intrusive Activities	YES	NO	COMMENTS:
Evidence of Excavation or Tunneling	YES	NO	COMMENTS:

Site Monitoring Wells		
Well ID.	Location Secure	
B-MW-3	YES	NO
FW-MW-1	YES	NO
FW-MW-2	YES	NO
FW-MW-3	YES	NO
FW-MW-5	YES	NO
MW-101RD	YES	NO
MW-102R	YES	NO
MW-103R	YES	NO
RW-1	YES	NO
RW-2	YES	NO
RW-3	YES	NO

Site DNAPL Recovery Wells				
Well ID.	DTW	DTP	DTB	Thickness
RW-1	N/A	N/A	21.95	
RW-2	N/A	N/A	19.42	
RW-3	N/A	N/A	31.70	

Levels and Recovery in March and September Only

General Comments:

Field Inspection Report
Non-Owned Former MGP Site
Mill Street
Little Falls, New York

Date: 9/11/2024
Technician: KL

Time: 9:30
Weather: Sunny 63

Exterior Cover System			
Soil Intrusion Activities Being Performed	YES	NO	COMMENTS:
Evidence of any Intrusive Activities	YES	NO	COMMENTS:
Evidence of Saw Cutting	YES	NO	COMMENTS:
Evidence of Excavation or Trenching	YES	NO	COMMENTS:
Burrowing Animals	YES	NO	COMMENTS:

Interior Slab (West Side of Feldmeier Building)			
Sub-Slab Activities Being Performed	YES	NO	COMMENTS:
Signs of Sub-Slab Soil Intrusive Activities	YES	NO	COMMENTS:
Evidence of Excavation or Tunneling	YES	NO	COMMENTS:

Site Monitoring Wells		
Well ID.	Location Secure	
B-MW-3	YES	NO
FW-MW-1	YES	NO
FW-MW-2	YES	NO
FW-MW-3	YES	NO
FW-MW-5	YES	NO
MW-101RD	YES	NO
MW-102R	YES	NO
MW-103R	YES	NO
RW-1	YES	NO
RW-2	YES	NO
RW-3	YES	NO

Site DNAPL Recovery Wells				
Well ID.	DTW	DTP	DTB	Thickness
RW-1	14.58	N/A	21.95	
RW-2	15.27	N/A	19.42	
RW-3	18.37	N/A	31.70	trace

Levels and Recovery in March and September Only

General Comments:

Field Inspection Report
Non-Owned Former MGP Site
Mill Street
Little Falls, New York

Date: 6/26/2024
Technician: Kevin Leo

Time: 12:30
Weather: PC 82

Exterior Cover System		
Soil Intrusion Activities Being Performed	No	COMMENTS:
Evidence of any Intrusive Activities	No	COMMENTS:
Evidence of Saw Cutting	No	COMMENTS:
Evidence of Excavation or Trenching	No	COMMENTS:
Burrowing Animals	No	COMMENTS:

Interior Slab (West Side of Feldmeier Building)		
Sub-Slab Activities Being Performed	No	COMMENTS:
Signs of Sub-Slab Soil Intrusive Activities	No	COMMENTS:
Evidence of Excavation or Tunneling	No	COMMENTS:

Site Monitoring Wells	
Well ID.	Location Secure?
B-MW-3	Yes
FW-MW-1	Yes
FW-MW-2	Yes
FW-MW-3	Yes
FW-MW-5	Yes
MW-101RD	Yes
MW-102R	Yes
MW-103R	Yes
RW-1	Yes
RW-2	Yes
RW-3	Yes

Site DNAPL Recovery Wells				
Well ID.	DTW	DTP	DTB	Thickness
RW-1			21.95	
RW-2			19.42	
RW-3			31.70	

Levels and Recovery in March and September Only

General Comments:

Field Inspection Report
Non-Owned Former MGP Site
Mill Street
Little Falls, New York

Date: 3/27/2024
Technician: Kevin Leo

Time: 10:30
Weather: Cloudy 42

Exterior Cover System		
Soil Intrusion Activities Being Performed	No	COMMENTS:
Evidence of any Intrusive Activities	No	COMMENTS:
Evidence of Saw Cutting	No	COMMENTS:
Evidence of Excavation or Trenching	No	COMMENTS:
Burrowing Animals	No	COMMENTS:

Interior Slab (West Side of Feldmeier Building)		
Sub-Slab Activities Being Performed	No	COMMENTS:
Signs of Sub-Slab Soil Intrusive Activities	No	COMMENTS:
Evidence of Excavation or Tunneling	No	COMMENTS:

Site Monitoring Wells	
Well ID.	Location Secure?
B-MW-3	Yes
FW-MW-1	Yes
FW-MW-2	Yes
FW-MW-3	Yes
FW-MW-5	Yes
MW-101RD	Yes
MW-102R	Yes
MW-103R	Yes
RW-1	Yes
RW-2	Yes
RW-3	Yes

Site DNAPL Recovery Wells				
Well ID.	DTW	DTP	DTB	Thickness
RW-1	13.78		21.95	
RW-2	15.13		19.42	
RW-3	17.75		31.70	Trace only

Levels and Recovery in March and September Only

General Comments:

Rw-3. DNAPL very slight trace,, odor present



Appendix B – Well Sampling Field Data

Well ID.	Sample?	Well Size	Well Material	Stickup-Flush	DTP	DTW	DTP	DTB	Sump ?	Comments
B-MW-3	Yes	2"	PVC	Flush	—	14.13	—	16.14	No	Field Duplicate
FW-MW-1	Yes	2"	PVC	Flush	—	19.33	—	23.10	No	
FW-MW-2	Yes	2"	PVC	Flush		9.50		14.63	No	
FW-MW-3	Yes	2"	PVC	Flush		8.45		14.15	No	
FW-MW-5	Yes	2"	PVC	Flush		7.67		11.45	No	
MW-101RD	Yes	2"	PVC	Flush	—	10.73	—	51.35	Yes	MS/MSD
MW-102R	Yes	2"	PVC	Flush		19.32	—	38.42	Yes	
MW-103R	Yes	2"	PVC	Flush	—	18.27	—	35.53	Yes	
RW-1	No	4"	PVC	Flush	—	14.58	—	21.95	Yes	
RW-2	No	4"	PVC	Flush	—	15.27	—	19.42	Yes	
RW-3	No	4"	PVC	Flush		18.37		31.70	Yes	TRACE on PROBE

Sampling Personnel:

Job Number: 0603400-133650-221

Well Id. **B-MW-3**

Date: **9/11/24**

Weather: **Sunny, 65**

Time In: **10:15**

Time Out: **11:00**

Well Information

		TOC	Other
Depth to Water:	(feet)	14.13	
Depth to Bottom:	(feet)	16.14	
Depth to Product:	(feet)	✓	
Length of Water Column:	(feet)	2.01	
Volume of Water in Well:	(gal)	0.321	
Three Well Volumes:	(gal)	0.964	

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 ☒ Grundfos Pump ☐
Tubing/Bailer Material: Teflon ☐ Stainless St. ☐ Polyethylene ☒
Sampling Method: Bailer ☒ Peristaltic ☒ Grundfos 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				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
10:20	14.19	17.19	8.90	153	0.454	95.2	3.80	0.294
10:25	14.19	18.13	7.97	139	0.347	29.3	3.19	0.225
10:30	14.19	18.79	7.71	148	0.306	1.7	3.60	0.199
10:35	14.19	19.13	7.57	154	0.292	1.7	3.53	0.190
10:40	14.19	19.50	7.44	162	0.286	0.0	3.59	0.185
10:45	14.19	19.58	7.43	164	0.282	0.0	3.56	0.183
10:50	14.19	19.62	7.44	164	0.281	0.0	3.55	0.183

Sampling Information:

EPA SW-846 Method 8270 TCL SVOC's
EPA SW-846 Method 8260 TCL VOC's
EPA SW-846 Method 9012 Total Cyanide
EPA SW-846 Methods 6010/7470 TAL Inorganics

Field Duplicate

Sample ID: **B-MW-3** Duplicate? Yes ☒ No ☐
Sample Time: **10:50** MS/MSD? Yes ☐ No ☒

4- 250 ml ambers Yes ☒ No ☐
6 - 40 ml vials Yes ☒ No ☐
2 - 125 ml plastic Yes ☒ No ☐
2 - 125 ml plastic Yes ☒ No ☐

Shipped: Syracuse Service Center ☒
Fed-Ex ☐ Courier ☐

Comments/Notes:

Laboratory: Eurofins
Amherst, NY

Sampling Personnel: Peter Lyon
Job Number: 0603400-133650-221
Well Id. **FW-MW-2**

Date: 9/11/24
Weather: 70° Sunny
Time In: 1125 Time Out: 1205

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>9.56</u>	
Depth to Bottom:	(feet)	<u>14.63</u>	
Depth to Product:	(feet)	<u>-</u>	
Length of Water Column:	(feet)	<u>15.07</u>	
Volume of Water in Well:	(gal)	<u>2.41</u>	
Three Well Volumes:	(gal)	<u>2.20</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 ☒ Grundfos Pump ☐
Tubing/Bailer Material: Teflon ☐ Stainless St. ☐ Polyethylene ☒
Sampling Method: Bailer ☒ Peristaltic ☒ Grundfos Pump ☐
Average Pumping Rate: (ml/min) 200
Duration of Pumping: (min) 36
Total Volume Removed: (gal) 2 Did well go dry? Yes ☐ No ☒
Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐

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

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>1130</u>	<u>10.39</u>	<u>15.91</u>	<u>6.79</u>	<u>-192</u>	<u>4.30</u>	<u>51.8</u>	<u>0.93</u>	<u>2.75</u>
<u>1135</u>	<u>10.79</u>	<u>16.47</u>	<u>6.77</u>	<u>-202</u>	<u>4.27</u>	<u>43.2</u>	<u>0.73</u>	<u>2.73</u>
<u>1140</u>	<u>11.11</u>	<u>16.76</u>	<u>6.75</u>	<u>-200</u>	<u>4.17</u>	<u>31.2</u>	<u>0.79</u>	<u>2.67</u>
<u>1145</u>	<u>11.27</u>	<u>16.88</u>	<u>6.75</u>	<u>-202</u>	<u>4.16</u>	<u>13.5</u>	<u>0.67</u>	<u>2.64</u>
<u>1150</u>	<u>11.42</u>	<u>16.87</u>	<u>6.75</u>	<u>-205</u>	<u>4.15</u>	<u>7.2</u>	<u>0.57</u>	<u>2.66</u>
<u>1155</u>	<u>11.52</u>	<u>17.13</u>	<u>6.75</u>	<u>-207</u>	<u>4.18</u>	<u>3.5</u>	<u>0.53</u>	<u>2.68</u>
<u>1200</u>	<u>11.81</u>	<u>17.00</u>	<u>6.76</u>	<u>-207</u>	<u>4.17</u>	<u>2.4</u>	<u>0.51</u>	<u>2.67</u>

Sampling Information:

EPA SW-846 Method 8270 TCL SVOC's 2- 250 ml ambers Yes ☒ No ☐
EPA SW-846 Method 8260 TCL VOC's 3 - 40 ml vials Yes ☒ No ☐
EPA SW-846 Method 9012 Total Cyanide 1 - 125 ml plastic Yes ☒ No ☐
EPA SW-846 Methods 6010/7470 TAL Inorganics 1 - 125 ml plastic Yes ☒ No ☐
Sample ID: **FWMW-2** Duplicate? Yes ☐ No ☒
Sample Time: 1200 MS/MSD? Yes ☐ No ☒
Shipped: Syracuse Service Center ☒
Fed-Ex ☐ Courier ☐

Comments/Notes:

Laboratory: Eurofins
Amherst, NY

Sampling Personnel: Peter Lyon

Date: 9/11/24

Job Number: 0603400-133650-221

Weather: 75° Sunny

Well Id. **FW-MW-3**

Time In: 1210

Time Out: 1350

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>8.45</u>	
Depth to Bottom:	(feet)	<u>14.15</u>	
Depth to Product:	(feet)	<u>-</u>	
Length of Water Column:	(feet)	<u>5.70</u>	
Volume of Water in Well:	(gal)	<u>912</u>	
Three Well Volumes:	(gal)	<u>2.73</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 ☒ Grundfos Pump ☐
 Tubing/Bailer Material: Teflon ☐ Stainless St. ☐ Polyethylene ☒
 Sampling Method: Bailer ☒ Peristaltic ☐ Grundfos 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				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>1215</u>	<u>8.69</u>	<u>20.59</u>	<u>7.34</u>	<u>-45</u>	<u>0.689</u>	<u>817</u>	<u>2.17</u>	<u>0.436</u>
<u>1220</u>	<u>8.87</u>	<u>20.84</u>	<u>6.76</u>	<u>-18</u>	<u>0.642</u>	<u>434</u>	<u>2.17</u>	<u>0.413</u>
<u>1225</u>	<u>9.27</u>	<u>19.70</u>	<u>6.66</u>	<u>8</u>	<u>0.677</u>	<u>200</u>	<u>2.20</u>	<u>0.434</u>
<u>1230</u>	<u>9.43</u>	<u>19.64</u>	<u>6.65</u>	<u>12</u>	<u>0.681</u>	<u>172</u>	<u>2.19</u>	<u>0.436</u>
<u>1235</u>	<u>9.67</u>	<u>19.85</u>	<u>6.68</u>	<u>28</u>	<u>0.679</u>	<u>19.1</u>	<u>1.95</u>	<u>0.434</u>
<u>1240</u>	<u>10.24</u>	<u>19.72</u>	<u>6.68</u>	<u>56</u>	<u>0.673</u>	<u>17.1</u>	<u>1.71</u>	<u>0.430</u>
<u>1245</u>	<u>10.72</u>	<u>19.81</u>	<u>6.68</u>	<u>63</u>	<u>0.666</u>	<u>14.0</u>	<u>1.57</u>	<u>0.426</u>

Sampling Information:

EPA SW-846 Method 8270 TCL SVOC's 2- 250 ml ambers Yes ☒ No ☐
 EPA SW-846 Method 8260 TCL VOC's 3 - 40 ml vials Yes ☒ No ☐
 EPA SW-846 Method 9012 Total Cyanide 1 - 125 ml plastic Yes ☒ No ☐
 EPA SW-846 Methods 6010/7470 TAL Inorganics 1 - 125 ml plastic Yes ☒ No ☐

Sample ID: **FMMW-3** Duplicate? Yes ☐ No ☒
 Sample Time: 1245 MS/MSD? Yes ☐ No ☒

Shipped: Syracuse Service Center ☒
 Fed-Ex ☐ Courier ☐

Comments/Notes:

Laboratory: Eurofins
Amherst, NY

Sampling Personnel: Peter Lyon

Date: 9/11/24

Job Number: 0603400-133650-221

Weather: 75° Sunny

Well Id. **FW-MW-5**

Time In: 1255

Time Out: 1335

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>7.67</u>	
Depth to Bottom:	(feet)	<u>11.45</u>	
Depth to Product:	(feet)	<u>5</u>	
Length of Water Column:	(feet)	<u>3.78</u>	
Volume of Water in Well:	(gal)	<u>0.60</u>	
Three Well Volumes:	(gal)	<u>1.81</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 ☒ Grundfos Pump ☐
 Tubing/Bailer Material: Teflon ☐ Stainless St. ☐ Polyethylene ☒
 Sampling Method: Bailer ☒ Peristaltic ☒ Grundfos Pump ☐
 Average Pumping Rate: (ml/min) 280
 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				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>1300</u>	<u>8.23</u>	<u>24.46</u>	<u>6.60</u>	<u>16</u>	<u>2.03</u>	<u>6.5</u>	<u>0.71</u>	<u>1.30</u>
<u>1305</u>	<u>8.39</u>	<u>24.37</u>	<u>6.70</u>	<u>3</u>	<u>1.98</u>	<u>3.8</u>	<u>0.62</u>	<u>1.26</u>
<u>1310</u>	<u>8.58</u>	<u>23.98</u>	<u>6.74</u>	<u>3</u>	<u>1.73</u>	<u>2.1</u>	<u>0.53</u>	<u>1.07</u>
<u>1315</u>	<u>8.63</u>	<u>22.55</u>	<u>6.72</u>	<u>12</u>	<u>1.49</u>	<u>8.5</u>	<u>0.98</u>	<u>0.947</u>
<u>1320</u>	<u>8.82</u>	<u>23.82</u>	<u>6.77</u>	<u>10</u>	<u>1.15</u>	<u>1.0</u>	<u>0.72</u>	<u>0.731</u>
<u>1325</u>	<u>8.96</u>	<u>24.16</u>	<u>6.77</u>	<u>11</u>	<u>0.953</u>	<u>1.4</u>	<u>0.84</u>	<u>0.606</u>
<u>1330</u>	<u>9.06</u>	<u>23.82</u>	<u>6.71</u>	<u>16</u>	<u>1.06</u>	<u>1.4</u>	<u>0.93</u>	<u>0.681</u>

Sampling Information:

EPA SW-846 Method 8270 TCL SVOC's 2- 250 ml ambers Yes ☒ No ☐
 EPA SW-846 Method 8260 TCL VOC's 3 - 40 ml vials Yes ☒ No ☐
 EPA SW-846 Method 9012 Total Cyanide 1 - 125 ml plastic Yes ☒ No ☐
 EPA SW-846 Methods 6010/7470 TAL Inorganics 1 - 125 ml plastic Yes ☒ No ☐

Sample ID: **FWMW-5** Duplicate? Yes ☐ No ☒
 Sample Time: 1330 MS/MSD? Yes ☐ No ☒

Shipped: Syracuse Service Center ☒
 Fed-Ex ☐ Courier ☐

Comments/Notes:

TB - 1345 Started going
Turbid test sample

Laboratory: Eurofins
 Amherst, NY

Sampling Personnel: VK
Job Number: 0603400-133650-221
Well Id. **MW-101RD**

Date: 9/11/24
Weather: 6mm To
Time In: 11:00 Time Out: _____

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>10.73</u>	
Depth to Bottom:	(feet)	<u>51.35</u>	
Depth to Product:	(feet)	<u>ND</u>	
Length of Water Column:	(feet)	<u>40.62</u>	
Volume of Water in Well:	(gal)	<u>6.49</u>	
Three Well Volumes:	(gal)	<u>19.49</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: _____
Tubing/Bailer Material: _____
Sampling Method: _____
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				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>11:20</u>	<u>10.80</u>	<u>21.85</u>	<u>7.54</u>	<u>161</u>	<u>0.873</u>	<u>25.9</u>	<u>3.46</u>	<u>0.599</u>
<u>11:25</u>	<u>10.85</u>	<u>18.46</u>	<u>7.37</u>	<u>-52</u>	<u>1.35</u>	<u>49.3</u>	<u>1.99</u>	<u>0.904</u>
<u>11:30</u>	<u>10.90</u>	<u>16.27</u>	<u>7.20</u>	<u>-148</u>	<u>1.94</u>	<u>24.1</u>	<u>0.81</u>	<u>1.25</u>
<u>11:35</u>	<u>10.95</u>	<u>15.71</u>	<u>7.13</u>	<u>-175</u>	<u>2.06</u>	<u>12.5</u>	<u>0.70</u>	<u>1.32</u>
<u>11:40</u>	<u>11.00</u>	<u>15.25</u>	<u>7.10</u>	<u>-187</u>	<u>2.10</u>	<u>8.3</u>	<u>0.64</u>	<u>1.35</u>
<u>11:45</u>	<u>11.03</u>	<u>15.00</u>	<u>7.09</u>	<u>-191</u>	<u>2.11</u>	<u>7.1</u>	<u>0.60</u>	<u>1.35</u>
<u>11:50</u>	<u>11.05</u>	<u>14.96</u>	<u>7.08</u>	<u>-192</u>	<u>2.12</u>	<u>7.0</u>	<u>0.61</u>	<u>1.35</u>

Sampling Information:

EPA SW-846 Method 8270 TCL SVOC's 6- 250 ml ambers Yes ☒ No ☐
EPA SW-846 Method 8260 TCL VOC's 9 - 40 ml vials Yes ☒ No ☐
EPA SW-846 Method 9012 Total Cyanide 3 - 125 ml plastic Yes ☒ No ☐
EPA SW-846 Methods 6010/7470 TAL Inorganics 3 - 125 ml plastic Yes ☒ No ☐
MW-101RD-MS MW-101RD-MSD
Sample ID: MW-101RD Duplicate? Yes ☐ No ☒
Sample Time: 11:50 MS/MSD? Yes ☒ No ☐
Shipped: Syracuse Service Center ☒
Fed-Ex ☐ Courier ☐

Comments/Notes: _____

Laboratory: Eurofins
Amherst, NY

Sampling Personnel: Pete Lyon

Job Number: 0603400-133650-221

Well Id. **MW-102R**

Date: 9/11/24

Weather: Sunny & 70

Time In: 10:30

Time Out: 11:05

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>19.32</u>	
Depth to Bottom:	(feet)	<u>38.42</u>	
Depth to Product:	(feet)	<u>-</u>	
Length of Water Column:	(feet)	<u>19.10</u>	
Volume of Water in Well:	(gal)	<u>3.05</u>	
Three Well Volumes:	(gal)	<u>9.16</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 ☒ Grundfos Pump ☐
 Tubing/Bailer Material: Teflon ☐ Stainless St. ☐ Polyethylene ☒
 Sampling Method: Bailer ☒ Peristaltic ☒ Grundfos 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				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	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>1030</u>	<u>20.34</u>	<u>13.08</u>	<u>7.54</u>	<u>-87</u>	<u>2.03</u>	<u>183</u>	<u>0.96</u>	<u>1.30</u>
<u>1035</u>	<u>20.69</u>	<u>12.82</u>	<u>7.16</u>	<u>-178</u>	<u>2.06</u>	<u>31.8</u>	<u>0.85</u>	<u>1.32</u>
<u>1040</u>	<u>21.25</u>	<u>12.60</u>	<u>7.09</u>	<u>-195</u>	<u>2.06</u>	<u>43.8</u>	<u>0.98</u>	<u>1.32</u>
<u>1045</u>	<u>21.41</u>	<u>12.38</u>	<u>7.05</u>	<u>-206</u>	<u>2.05</u>	<u>18.2</u>	<u>0.76</u>	<u>1.31</u>
<u>1050</u>	<u>21.60</u>	<u>12.21</u>	<u>6.98</u>	<u>-209</u>	<u>1.99</u>	<u>7.4</u>	<u>0.63</u>	<u>1.27</u>
<u>1055</u>	<u>21.71</u>	<u>12.13</u>	<u>6.96</u>	<u>-212</u>	<u>1.85</u>	<u>3.3</u>	<u>0.60</u>	<u>1.18</u>
<u>1100</u>	<u>21.77</u>	<u>12.14</u>	<u>6.95</u>	<u>-214</u>	<u>1.79</u>	<u>3.6</u>	<u>0.58</u>	<u>1.11</u>

Sampling Information:

EPA SW-846 Method 8270 TCL SVOC's 2- 250 ml ambers Yes ☒ No ☐
 EPA SW-846 Method 8260 TCL VOC's 3 - 40 ml vials Yes ☒ No ☐
 EPA SW-846 Method 9012 Total Cyanide 1 - 125 ml plastic Yes ☒ No ☐
 EPA SW-846 Methods 6010/7470 TAL Inorganics 1 - 125 ml plastic Yes ☒ No ☐
 Sample ID: **MW-102R** Duplicate? Yes ☐ No ☒
 Sample Time: 11:00 MS/MSD? Yes ☐ No ☒
 Shipped: Syracuse Service Center ☒
 Fed-Ex ☐ Courier ☐

Comments/Notes:

Laboratory: Eurofins
Amherst, NY

National Grid
Mill Street, Little Falls, New York

Sampling Personnel: KL
Job Number: 0603400-133650-221
Well Id. **MW-103R**

Date: 9/11/24
Weather: sun 70
Time In: 12:10 Time Out: 13:00

Well Information		TOC	Other
Depth to Water:	(feet)	<u>18.27</u>	
Depth to Bottom:	(feet)	35.53	
Depth to Product:	(feet)		
Length of Water Column:	(feet)	<u>17.26</u>	
Volume of Water in Well:	(gal)	<u>2.26</u>	
Three Well Volumes:	(gal)	<u>8.28</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		Conversion Factors				
Purging Method:	Bailer ☐ Peristaltic ☒	gal/ft.	1" ID	2" ID	4" ID	6" ID
Tubing/Bailer Material:	Teflon ☐ Stainless St. ☐	of				
Sampling Method:	Bailer ☒ Peristaltic ☒	water	0.04	0.16	0.66	1.47
Average Pumping Rate:	(ml/min) <u>200</u>	1 gallon=3.785L=3785mL=133.7cu. feet				
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)
12:15	19.43	16.76	7.14	-140	2.85	16.4	2.34	1.83
12:20	20.68	14.86	7.13	-134	3.01	10.8	0.72	1.93
12:25	22.01	14.62	7.09	-132	3.04	10.9	0.65	1.95
12:30	23.33	14.45	7.08	-129	3.04	8.1	0.60	1.95
12:35	24.74	14.51	7.09	-124	3.91	7.5	0.54	1.93
12:40	25.17	14.51	7.10	-114	2.98	6.5	0.53	1.91
12:45	25.55	14.43	7.11	-109	2.97	6.4	0.54	1.90

Sampling Information: 12:45
SAMPLE TIME EPA SW-846 Method 8270 TCL SVOC's 2- 250 ml ambers Yes ☒ No ☐

Eurofins Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>V. Beninati</u>		Lab PM: Beninati, John		Carrier Tracking No(s):		COC No: 480-198480-41045.1																	
Client Contact: Tim Beaumont		Phone: <u>315 877 1360</u>		E-Mail: John.Beninati@et.eurofinsus.com		State of Origin:		Page: Page 1 of 1																	
Company: Groundwater & Environmental Services Inc				PWSID:		Job #:																			
Address: 6780 Northern Boulevard Suite 100		Due Date Requested:		Analysis Requested						Preservation Codes: B - NaOH N - None D - HNO3 A - HCL Other:															
City: East Syracuse		TAT Requested (days):																							
State, Zip: NY, 13057		Compliance Project: ☐ Yes ☐ No																							
Phone:		PO #:																							
Email: tbeaumont@gesonline.com		WO #:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		9012B - NP - Cyanide, Total		8270D - TCL SVOCs		6019C, 7470A		8260C - TCL VOCs		Total Number of containers									
Project Name: Little Falls Annual GWS		Project #: 48027231		SSOW#:																					
Site: Little Falls Annual GWS																									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		9012B - NP - Cyanide, Total		8270D - TCL SVOCs		6019C, 7470A		8260C - TCL VOCs		Total Number of containers		Special Instructions/Note:	
B-MW-3		9/11/24		10:50		G		Water						1		2		1		3					
FW-MW-1				13:35		G		Water						1		2		1		3					
FW-MW-2				12:00		G		Water						1		2		1		3					
FW-MW-3				12:45		G		Water						1		2		1		3					
FW-MW-5				13:30		G		Water						1		2		1		3					
MW-101RD				11:50		G		Water						1		2		1		3					
MW-101RD-MS				11:50		G		Water						1		2		1		3					
MW-101RD-MSD				11:50		G		Water						1		2		1		3					
MW-102R				11:00		G		Water						1		2		1		3					
MW-103R				12:45		G		Water						1		2		1		3					
Field Duplicate				—		G		Water						1		2		1		3					
Trip Blank				13:45				Water														2			
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)															
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months															
Deliverable Requested: I, II, III, IV, Other (specify)										Special Instructions/QC Requirements:															
Empty Kit Relinquished by:										Date:															
Relinquished by: <u>[Signature]</u>										Date/Time: 9/11/24 15:27															
Relinquished by:										Date/Time:															
Relinquished by:										Date/Time:															
Custody Seals Intact: ☐ Yes ☐ No										Custody Seal No.:															
Cooler Temperature(s) °C and Other Remarks:																									



Appendix C – Data Usability Summary Report and Analytical Data



Groundwater & Environmental Services, Inc.

202 North Main Street
Kent Square North, Suite 200

T. 800.662.5067

December 18, 2024

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

RE: Data Usability Summary Report for National Grid Mill Street, Little Falls, NY Site Data
Eurofins Buffalo Job No. 480-223308-1

Groundwater & Environmental Services, Inc. (GES) reviewed one data package (Laboratory Project Number 480-223308-1) Eurofins Buffalo, Amherst, NY.

The report detailed the analytical results of groundwater samples collected from monitoring wells on September 11, 2024 at the Little Falls site. Eight aqueous samples and a field duplicate were analyzed for volatile organic compounds (VOCs), polyaromatic hydrocarbons (PAHs), Metals, Mercury, and Cyanide. Methodologies utilized were those of USEPA SW846 methods 8260C/8270D/6010C/7470A/9012B, with additional QC requirements of the NYSDEC ASP.

The data are 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

The items listed above which show deficiencies are discussed within the text of this narrative.

All of the other items are determined to be acceptable for the DUSR level review.

In summary, sample results are usable as reported. All quality control passed laboratory and EPA criteria. No data was qualified pursuant to this data validation effort.

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 – Data Qualifications

Sample ID	Qualifier	Analyte	Reason for qualification
	UJ (non-detected)	Chloromethane	CCV low
MW-101RD	UJ	Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Bis(2-ethylhexyl) phthalate, Di-n-octyl phthalate, Indeno[1,2,3-cd]pyrene	MS/MSD RPD > 30%
	J-	Cis-1,2-dichloroethene	Low MS/MSD recovery
All samples	UJ	4-Nitrophenol and Hexachlorocyclopentadiene	CCV low
B-MW-3			
MW-101RD	U at RL	<u>Zinc</u>	Blank detection
MW-102R			
B-MW-3	U at RL	Manganese	Blank detections

Analytical Anomalies

Method 8260C

- MW-103R was diluted due to foaming. Reporting limits are elevated.
- MW-101RD and MW-101RDMS/MSD were diluted due to high concentrations of target analyte in the samples.
- For sample FW-MW-1 the mercury analysis underwent a 20 mL dilution due to oxidizing chemistry in the sample. Reporting limits are elevated.

Qualifications are found in **Table 1**.

Preservation and Holding time

Samples were analyzed within hold time. Preservation was checked and found sufficient upon receipt by the laboratory.

BTEX and TCL Volatiles by EPA 8260C/NYSDEC ASP

Instrumental tuning was performed within method specified parameters and the instrumental tune fragmentations were within acceptance ranges. There were no positive detections in the blanks. Surrogate and internal standard recoveries were within required limits.

Calibration standards show acceptable responses within analytical protocol and validation action limits with the following exceptions:

- Chloromethane recovered low in the continuing calibration verification standard (CCV) associated with batch 480-725177. Associated data is qualified as estimated with a possible low bias.
- 1,2-Dibromo-3-chloropropane (DBCP), trans-1,3-dichloropropene and carbon tetrachloride recovered high in the CCV associated with batch 480-725032. High bias is confirmed by out-of-specification recoveries in the LCS.

- 1,2-Dibromo-3-chloropropane (DBCP), dibromochloromethane, trans-1,3-dichloropropene and carbon tetrachloride recovered high in the CCV associated with batch 480-725177. High bias is confirmed by out-of-specification recoveries in the LCS and MS/MSD.

Laboratory control samples recovered within criteria with the exception of high recoveries in the analytes listed above that reported out-of-specification CCV recoveries. All analytes associated with a high recovery in the LCS were non-detect and no qualification was required.

MS/MSD recoveries associated with MW-101RD were within criteria with the following exceptions:

- DBCP, carbon tetrachloride, trans 1,3-Dichloropropane all recovered high. The associated sample was ND for these analytes, and no qualification is required.
- Cis-1,2-dichloroethene recovered low.

Qualified data is noted in Table 1.

The blind field duplicate correlations of B-MW-3, where applicable, fall within guidance limits.

SVOCs by EPA8270D/NYSDEC ASP

LCS recoveries were with criteria for all analytes. Surrogates indicated appropriate method efficacy. The MS/MSD associated with the site samples passed within criteria for analytes and surrogates, however, precision failed for the following analytes:

- Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Bis(2-ethylhexyl) phthalate, Di-n-octyl phthalate, Indeno[1,2,3-cd]pyrene. All analytes were ND in the sample, and qualifications can be found in **Table 1**.

Instrumental tune fragmentations were within acceptance ranges.

Blanks show no contamination.

Calibration standards show acceptable responses within analytical protocol and validation action limits with following exceptions:

- 4-Nitrophenol and hexachlorocyclopentadiene had low recoveries in the CCV.

Qualified data is noted in **Table 1**.

The blind field duplicate correlations of B-MW-3, where applicable, fall within guidance limits.

Metals by EPA 6010C/NYDESC ASP

Blanks reported no positive detections with the exception of the following:

- Manganese was reported in the blank at 0.001 ug/L, below the RL but above the MDL.
- Zinc was reported in the blank at 0.00186 ug/L, below the RL, but above the MDL.

Calibration standards passed quality criteria with the exception of the following:

- The low-level continuing calibration verification (CCVL) for analytical batch 480-725568 recovered above the upper control limit for (total Cadmium).
- The low-level continuing calibration verification (CCVL) for analytical batch 480-725568 recovered above the upper control limit for (total Cadmium). The sample associated with this CCVL contained this analyte at a concentration greater than 10X the value found in the CCVL;

The laboratory prepared spikes passed criteria and showed acceptable precision.

The blind field duplicate correlations of B-MW-3, where applicable, fall within guidance limits.

Total Mercury by EPA 7470A 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.

Calibration standard responses were compliant. Blanks show no detections above the reporting limits. All other laboratory spikes and duplicates of total cyanide show acceptable recoveries and/or correlations.

The blind field duplicate correlations of B-MW-3, where applicable, fall within guidance limits.

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.
Principle Environmental Chemist, N.R.C.C

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.
- UU** 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 Summary

Client: Groundwater & Environmental Services Inc
Project/Site:

Job ID: 480-223308-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-223308-1	B-MW-3	Water	09/11/24 10:50	09/12/24 09:30
480-223308-2	FW-MW-1	Water	09/11/24 13:25	09/12/24 09:30
480-223308-3	FW-MW-2	Water	09/11/24 12:00	09/12/24 09:30
480-223308-4	FW-MW-3	Water	09/11/24 12:45	09/12/24 09:30
480-223308-5	FW-MW-5	Water	09/11/24 13:30	09/12/24 09:30
480-223308-6	MW-101RD	Water	09/11/24 11:50	09/12/24 09:30
480-223308-7	MW-102R	Water	09/11/24 11:00	09/12/24 09:30
480-223308-8	MW-103R	Water	09/11/24 12:45	09/12/24 09:30
480-223308-9	Field Duplicate	Water	09/11/24 00:00	09/12/24 09:30
480-223308-10	Trip Blank	Water	09/11/24 13:45	09/12/24 09:30

Case Narrative

Client: Groundwater & Environmental Services Inc
Project:

Job ID: 480-223308-1

Job ID: 480-223308-1

Eurofins Buffalo

Job Narrative 480-223308-1

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

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

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

Receipt

The samples were received on 9/12/2024 9:30 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 2.9°C, 3.0°C and 3.2°C.

GC/MS VOA

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-103R (480-223308-8). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-725032 recovered above the upper control limit for Carbon tetrachloride, trans-1,3-Dichloropropene, Chlorodibromomethane, and 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: B-MW-3 (480-223308-1), FW-MW-1 (480-223308-2), FW-MW-2 (480-223308-3), FW-MW-3 (480-223308-4), FW-MW-5 (480-223308-5), MW-102R (480-223308-7), MW-103R (480-223308-8), Field Duplicate (480-223308-9) and Trip Blank (480-223308-10).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-725032 recovered outside control limits for the following analytes: Carbon tetrachloride, trans-1,3-Dichloropropene, and 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: B-MW-3 (480-223308-1), FW-MW-1 (480-223308-2), FW-MW-2 (480-223308-3), FW-MW-3 (480-223308-4), FW-MW-5 (480-223308-5), MW-102R (480-223308-7), MW-103R (480-223308-8), Field Duplicate (480-223308-9) and Trip Blank (480-223308-10).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-101RD (480-223308-6), MW-101RD-MS (480-223308-6[MS]) and MW-101RD-MSD (480-223308-6[MSD]). Elevated reporting limits (RLs) are provided.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-725177 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-725177 recovered above the upper control limit for Carbon tetrachloride and Chlorodibromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW-101RD (480-223308-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-725177 recovered outside control limits for the following analytes: Carbon tetrachloride and Chlorodibromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-725177 recovered above the upper control limit for trans-1,3-Dichloropropene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW-101RD (480-223308-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-725177 recovered outside control limits for the following analytes: trans-1,3-Dichloropropene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Eurofins Buffalo

Case Narrative

Client: Groundwater & Environmental Services Inc
Project:

Job ID: 480-223308-1

Job ID: 480-223308-1 (Continued)

Eurofins Buffalo

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-725177 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW-101RD (480-223308-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-725177 recovered outside control limits for the following analytes: 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-725177 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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 continuing calibration verification (CCV) associated with batch 480-725010 recovered outside acceptance criteria, low biased, for 4-Nitrophenol and Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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

Metals

Method 6010C: The low level continuing calibration verification (CCVL) for analytical batch 480-725568 recovered above the upper control limit for (total Cadmium). The samples associated with this CCVL were ND; therefore, re-analysis of samples MW-102R (480-223308-7), MW-103R (480-223308-8), Field Duplicate (480-223308-9) and (MB 480-724907/1-A) was not performed.

Method 6010C: The low level continuing calibration verification (CCVL) for analytical batch 480-725568 recovered above the upper control limit for (total Cadmium). The sample associated with this CCVL contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples (LCS 480-724907/2-A) was not performed.

Method 6010C: The following sample was diluted for total Zinc because the initial analysis produced a significant negative result - the absolute value exceeded the reporting limit (RL): MW-103R (480-223308-8). Reporting limits (RLs) are elevated as a result.

Method 7470A: Due to interference with the sample matrix, the standard mercury preparation procedure was inadequate for the following samples(s): FW-MW-1 (480-223308-2). This was demonstrated when the potassium permanganate reagent was added and the characteristic purple color faded rapidly. This loss of color indicates oxidizing conditions were not maintained. The sample(s) was prepared and analyzed at a 20 mL dilution, which maintained the purple color during digestion.

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

General Chemistry

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

Eurofins Buffalo

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/20/2024 8:41:29 AM

JOB DESCRIPTION

Little Falls Annual GWS

JOB NUMBER

480-223308-1

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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Authorized for release by
John Beninati, Project Manager I
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(716)504-9874

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.

GC/MS Semi VOA

Qualifier	Qualifier Description
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.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: Groundwater & Environmental Services Inc
Project:

Job ID: 480-223308-1

Job ID: 480-223308-1

Eurofins Buffalo

Job Narrative 480-223308-1

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

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

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

Receipt

The samples were received on 9/12/2024 9:30 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 2.9°C, 3.0°C and 3.2°C.

GC/MS VOA

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-103R (480-223308-8). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-725032 recovered above the upper control limit for Carbon tetrachloride, trans-1,3-Dichloropropene, Chlorodibromomethane, and 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: B-MW-3 (480-223308-1), FW-MW-1 (480-223308-2), FW-MW-2 (480-223308-3), FW-MW-3 (480-223308-4), FW-MW-5 (480-223308-5), MW-102R (480-223308-7), MW-103R (480-223308-8), Field Duplicate (480-223308-9) and Trip Blank (480-223308-10).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-725032 recovered outside control limits for the following analytes: Carbon tetrachloride, trans-1,3-Dichloropropene, and 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: B-MW-3 (480-223308-1), FW-MW-1 (480-223308-2), FW-MW-2 (480-223308-3), FW-MW-3 (480-223308-4), FW-MW-5 (480-223308-5), MW-102R (480-223308-7), MW-103R (480-223308-8), Field Duplicate (480-223308-9) and Trip Blank (480-223308-10).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-101RD (480-223308-6), MW-101RD-MS (480-223308-6[MS]) and MW-101RD-MSD (480-223308-6[MSD]). Elevated reporting limits (RLs) are provided.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-725177 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-725177 recovered above the upper control limit for Carbon tetrachloride and Chlorodibromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW-101RD (480-223308-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-725177 recovered outside control limits for the following analytes: Carbon tetrachloride and Chlorodibromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-725177 recovered above the upper control limit for trans-1,3-Dichloropropene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW-101RD (480-223308-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-725177 recovered outside control limits for the following analytes: trans-1,3-Dichloropropene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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Case Narrative

Client: Groundwater & Environmental Services Inc
Project:

Job ID: 480-223308-1

Job ID: 480-223308-1 (Continued)

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Method 8260C: The continuing calibration verification (CCV) associated with batch 480-725177 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW-101RD (480-223308-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-725177 recovered outside control limits for the following analytes: 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-725177 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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 continuing calibration verification (CCV) associated with batch 480-725010 recovered outside acceptance criteria, low biased, for 4-Nitrophenol and Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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

Metals

Method 6010C: The low level continuing calibration verification (CCVL) for analytical batch 480-725568 recovered above the upper control limit for (total Cadmium). The samples associated with this CCVL were ND; therefore, re-analysis of samples MW-102R (480-223308-7), MW-103R (480-223308-8), Field Duplicate (480-223308-9) and (MB 480-724907/1-A) was not performed.

Method 6010C: The low level continuing calibration verification (CCVL) for analytical batch 480-725568 recovered above the upper control limit for (total Cadmium). The sample associated with this CCVL contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples (LCS 480-724907/2-A) was not performed.

Method 6010C: The following sample was diluted for total Zinc because the initial analysis produced a significant negative result - the absolute value exceeded the reporting limit (RL): MW-103R (480-223308-8). Reporting limits (RLs) are elevated as a result.

Method 7470A: Due to interference with the sample matrix, the standard mercury preparation procedure was inadequate for the following samples(s): FW-MW-1 (480-223308-2). This was demonstrated when the potassium permanganate reagent was added and the characteristic purple color faded rapidly. This loss of color indicates oxidizing conditions were not maintained. The sample(s) was prepared and analyzed at a 20 mL dilution, which maintained the purple color during digestion.

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

General Chemistry

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

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Detection Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: B-MW-3

Lab Sample ID: 480-223308-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromodichloromethane	0.79	J	1.0	0.39	ug/L	1		8260C	Total/NA
Chloroform	33		1.0	0.34	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.41	J	5.0	0.31	ug/L	1		8270D	Total/NA
Barium	0.017		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	48.6		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0010	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0038	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Lead	0.0053	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	7.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.00063	J B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	0.66		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	7.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0065	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: FW-MW-1

Lab Sample ID: 480-223308-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	8.7		1.0	0.41	ug/L	1		8260C	Total/NA
Total BTEX	8.7		2.0	1.0	ug/L	1		8260C	Total/NA
Aluminum	0.96		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.024		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.43		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0012	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	75.9		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.027		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0028	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.065		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	51.3		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.012		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	17.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.32	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.013		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	75.7		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0083		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.17	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.0046	J	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: FW-MW-2

Lab Sample ID: 480-223308-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.49	J	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.48		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.30		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	231		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0025	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.010		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	19.1		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0087	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	20.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0023	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.1		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-2 (Continued)

Lab Sample ID: 480-223308-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	728		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0017	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.038	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.0077	J	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: FW-MW-3

Lab Sample ID: 480-223308-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.47	J	5.0	0.31	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.55	J	5.0	0.22	ug/L	1		8270D	Total/NA
Aluminum	0.76		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.055		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	104		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0040		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0034	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.67		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0044	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	8.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.032	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0013	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	37.1		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0037	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.022	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.080		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: FW-MW-5

Lab Sample ID: 480-223308-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.47	J	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.22		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.048		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	145		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0084		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0030	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0040	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.83		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0044	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	17.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.040	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0055	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	74.0		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0017	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.032	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.020		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-101RD

Lab Sample ID: 480-223308-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	69		40	33	ug/L	40		8260C	Total/NA
1,1-Dichloroethane	98		40	15	ug/L	40		8260C	Total/NA
1,1-Dichloroethene	19	J	40	12	ug/L	40		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-101RD (Continued)

Lab Sample ID: 480-223308-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1700	F1	40	32	ug/L	40		8260C	Total/NA
Vinyl chloride	200		40	36	ug/L	40		8260C	Total/NA
Biphenyl	0.86	J	5.0	0.65	ug/L	1		8270D	Total/NA
Acenaphthene	6.6		5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	2.3	J	5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	1.9	J	5.0	0.28	ug/L	1		8270D	Total/NA
Carbazole	2.5	J	5.0	0.30	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.49	J	5.0	0.31	ug/L	1		8270D	Total/NA
Dibenzofuran	5.7	J	10	0.51	ug/L	1		8270D	Total/NA
Fluoranthene	2.8	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	7.2		5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	5.4		5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	2.0	J	5.0	0.34	ug/L	1		8270D	Total/NA
Aluminum	0.76		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.22		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	150		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0037	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.011		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.3		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0048	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	19.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.63	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0029	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	337		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0021	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.012	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: MW-102R

Lab Sample ID: 480-223308-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	12		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.73	J	1.0	0.29	ug/L	1		8260C	Total/NA
Benzene	1.0		1.0	0.41	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	42		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	16		1.0	0.90	ug/L	1		8260C	Total/NA
Total BTEX	1.0	J	2.0	1.0	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.42	J	5.0	0.31	ug/L	1		8270D	Total/NA
Barium	0.22		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	126		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0016	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0055	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.9		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0048	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	19.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0014	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	147		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0075	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-103R

Lab Sample ID: 480-223308-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		2.0	0.76	ug/L	2		8260C	Total/NA
Benzene	14		2.0	0.82	ug/L	2		8260C	Total/NA
Chloroethane	2.2		2.0	0.64	ug/L	2		8260C	Total/NA
Total BTEX	14		4.0	2.0	ug/L	2		8260C	Total/NA
2,4-Dichlorophenol	1.0	J	5.0	0.51	ug/L	1		8270D	Total/NA
Carbazole	4.8	J	5.0	0.30	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.42	J	5.0	0.31	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.30	J	5.0	0.22	ug/L	1		8270D	Total/NA
Phenol	0.66	J	5.0	0.39	ug/L	1		8270D	Total/NA
Aluminum	0.14	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0058	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.26		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	205		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0014	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0036	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.7		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0050	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	28.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.72	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0020	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	9.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	448		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0019	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.015		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: Field Duplicate

Lab Sample ID: 480-223308-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromodichloromethane	0.69	J	1.0	0.39	ug/L	1		8260C	Total/NA
Chloroform	34		1.0	0.34	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.41	J	5.0	0.31	ug/L	1		8270D	Total/NA
Antimony	0.0083	J	0.020	0.0068	mg/L	1		6010C	Total/NA
Barium	0.015		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	46.5		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0033	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Lead	0.0067	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	7.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.00051	J B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	0.63		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	8.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0066	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 480-223308-10

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: B-MW-3

Lab Sample ID: 480-223308-1

Date Collected: 09/11/24 10:50

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/13/24 16:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/13/24 16:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/13/24 16:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/13/24 16:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/13/24 16:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/13/24 16:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/13/24 16:50	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.39	ug/L			09/13/24 16:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/13/24 16:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/13/24 16:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/13/24 16:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/13/24 16:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/13/24 16:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/13/24 16:50	1
2-Hexanone	ND		5.0	1.2	ug/L			09/13/24 16:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/13/24 16:50	1
Acetone	ND		10	3.0	ug/L			09/13/24 16:50	1
Benzene	ND		1.0	0.41	ug/L			09/13/24 16:50	1
Bromodichloromethane	0.79	J	1.0	0.39	ug/L			09/13/24 16:50	1
Bromoform	ND		1.0	0.26	ug/L			09/13/24 16:50	1
Bromomethane	ND		1.0	0.69	ug/L			09/13/24 16:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/13/24 16:50	1
Carbon tetrachloride	ND	*+	1.0	0.27	ug/L			09/13/24 16:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/13/24 16:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/13/24 16:50	1
Chloroethane	ND		1.0	0.32	ug/L			09/13/24 16:50	1
Chloroform	33		1.0	0.34	ug/L			09/13/24 16:50	1
Chloromethane	ND		1.0	0.35	ug/L			09/13/24 16:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/13/24 16:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/13/24 16:50	1
Cyclohexane	ND		1.0	0.18	ug/L			09/13/24 16:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/13/24 16:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/13/24 16:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/13/24 16:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/13/24 16:50	1
Methyl acetate	ND		2.5	1.3	ug/L			09/13/24 16:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/13/24 16:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/13/24 16:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/13/24 16:50	1
Styrene	ND		1.0	0.73	ug/L			09/13/24 16:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/13/24 16:50	1
Toluene	ND		1.0	0.51	ug/L			09/13/24 16:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/13/24 16:50	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			09/13/24 16:50	1
Trichloroethene	ND		1.0	0.46	ug/L			09/13/24 16:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/13/24 16:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/13/24 16:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/13/24 16:50	1
Total BTEX	ND		2.0	1.0	ug/L			09/13/24 16:50	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: B-MW-3

Lab Sample ID: 480-223308-1

Date Collected: 09/11/24 10:50

Matrix: Water

Date Received: 09/12/24 09:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		09/13/24 16:50	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		09/13/24 16:50	1
4-Bromofluorobenzene (Surr)	97		73 - 120		09/13/24 16:50	1
Dibromofluoromethane (Surr)	101		75 - 123		09/13/24 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/12/24 13:01	09/13/24 17:49	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/12/24 13:01	09/13/24 17:49	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 17:49	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/12/24 13:01	09/13/24 17:49	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 17:49	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/12/24 13:01	09/13/24 17:49	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 17:49	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 17:49	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 17:49	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 17:49	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/12/24 13:01	09/13/24 17:49	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 17:49	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/12/24 13:01	09/13/24 17:49	1
2-Nitroaniline	ND		10	0.42	ug/L		09/12/24 13:01	09/13/24 17:49	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 17:49	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 17:49	1
3-Nitroaniline	ND		10	0.48	ug/L		09/12/24 13:01	09/13/24 17:49	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 17:49	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 17:49	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 17:49	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 17:49	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 17:49	1
4-Methylphenol	ND		10	0.36	ug/L		09/12/24 13:01	09/13/24 17:49	1
4-Nitroaniline	ND		10	0.25	ug/L		09/12/24 13:01	09/13/24 17:49	1
4-Nitrophenol	ND		10	1.5	ug/L		09/12/24 13:01	09/13/24 17:49	1
Acenaphthene	ND		5.0	0.41	ug/L		09/12/24 13:01	09/13/24 17:49	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/12/24 13:01	09/13/24 17:49	1
Acetophenone	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 17:49	1
Anthracene	ND		5.0	0.28	ug/L		09/12/24 13:01	09/13/24 17:49	1
Atrazine	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 17:49	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/12/24 13:01	09/13/24 17:49	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 17:49	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 17:49	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 17:49	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 17:49	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		09/12/24 13:01	09/13/24 17:49	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 17:49	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 17:49	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 17:49	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/12/24 13:01	09/13/24 17:49	1
Caprolactam	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 17:49	1
Carbazole	ND		5.0	0.30	ug/L		09/12/24 13:01	09/13/24 17:49	1
Chrysene	ND		5.0	0.33	ug/L		09/12/24 13:01	09/13/24 17:49	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/12/24 13:01	09/13/24 17:49	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: B-MW-3

Lab Sample ID: 480-223308-1

Date Collected: 09/11/24 10:50

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.41	J	5.0	0.31	ug/L		09/12/24 13:01	09/13/24 17:49	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 17:49	1
Dibenzofuran	ND		10	0.51	ug/L		09/12/24 13:01	09/13/24 17:49	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/12/24 13:01	09/13/24 17:49	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 17:49	1
Fluoranthene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 17:49	1
Fluorene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 17:49	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 17:49	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/12/24 13:01	09/13/24 17:49	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 17:49	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 17:49	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 17:49	1
Isophorone	ND		5.0	0.43	ug/L		09/12/24 13:01	09/13/24 17:49	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 17:49	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 17:49	1
Naphthalene	ND		5.0	0.76	ug/L		09/12/24 13:01	09/13/24 17:49	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/12/24 13:01	09/13/24 17:49	1
Pentachlorophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 17:49	1
Phenanthrene	ND		5.0	0.44	ug/L		09/12/24 13:01	09/13/24 17:49	1
Phenol	ND		5.0	0.39	ug/L		09/12/24 13:01	09/13/24 17:49	1
Pyrene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	66		29 - 129	09/12/24 13:01	09/13/24 17:49	1
Phenol-d5 (Surr)	36		10 - 120	09/12/24 13:01	09/13/24 17:49	1
p-Terphenyl-d14 (Surr)	85		33 - 132	09/12/24 13:01	09/13/24 17:49	1
2,4,6-Tribromophenol (Surr)	70		25 - 144	09/12/24 13:01	09/13/24 17:49	1
2-Fluorobiphenyl (Surr)	75		53 - 126	09/12/24 13:01	09/13/24 17:49	1
2-Fluorophenol (Surr)	55		24 - 120	09/12/24 13:01	09/13/24 17:49	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/13/24 08:39	09/18/24 17:39	1
Antimony	ND		0.020	0.0068	mg/L		09/13/24 08:39	09/18/24 17:39	1
Arsenic	ND		0.015	0.0056	mg/L		09/13/24 08:39	09/18/24 17:39	1
Barium	0.017		0.0020	0.00070	mg/L		09/13/24 08:39	09/18/24 17:39	1
Beryllium	ND		0.0020	0.00030	mg/L		09/13/24 08:39	09/18/24 17:39	1
Cadmium	ND		0.0020	0.00050	mg/L		09/13/24 08:39	09/18/24 17:39	1
Calcium	48.6		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:39	1
Chromium	0.0010	J	0.0040	0.0010	mg/L		09/13/24 08:39	09/18/24 17:39	1
Cobalt	ND		0.0040	0.00063	mg/L		09/13/24 08:39	09/18/24 17:39	1
Copper	0.0038	J	0.010	0.0016	mg/L		09/13/24 08:39	09/18/24 17:39	1
Iron	ND		0.050	0.019	mg/L		09/13/24 08:39	09/18/24 17:39	1
Lead	0.0053	J	0.010	0.0030	mg/L		09/13/24 08:39	09/18/24 17:39	1
Magnesium	7.6		0.20	0.043	mg/L		09/13/24 08:39	09/18/24 17:39	1
Manganese	0.00063	J B	0.0030	0.00040	mg/L		09/13/24 08:39	09/18/24 17:39	1
Nickel	ND		0.010	0.0013	mg/L		09/13/24 08:39	09/18/24 17:39	1
Potassium	0.66		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:39	1
Selenium	ND		0.025	0.0087	mg/L		09/13/24 08:39	09/18/24 17:39	1
Silver	ND		0.0060	0.0017	mg/L		09/13/24 08:39	09/18/24 17:39	1
Sodium	7.5		1.0	0.32	mg/L		09/13/24 08:39	09/18/24 17:39	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: B-MW-3

Lab Sample ID: 480-223308-1

Date Collected: 09/11/24 10:50

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.020	0.010	mg/L		09/13/24 08:39	09/18/24 17:39	1
Vanadium	ND		0.0050	0.0015	mg/L		09/13/24 08:39	09/18/24 17:39	1
Zinc	0.0065	J B	0.010	0.0015	mg/L		09/13/24 08:39	09/18/24 17:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/16/24 10:44	09/16/24 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			09/13/24 09:20	1

Client Sample ID: FW-MW-1

Lab Sample ID: 480-223308-2

Date Collected: 09/11/24 13:25

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/13/24 17:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/13/24 17:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/13/24 17:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/13/24 17:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/13/24 17:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/13/24 17:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/13/24 17:13	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.39	ug/L			09/13/24 17:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/13/24 17:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/13/24 17:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/13/24 17:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/13/24 17:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/13/24 17:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/13/24 17:13	1
2-Hexanone	ND		5.0	1.2	ug/L			09/13/24 17:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/13/24 17:13	1
Acetone	ND		10	3.0	ug/L			09/13/24 17:13	1
Benzene	8.7		1.0	0.41	ug/L			09/13/24 17:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/13/24 17:13	1
Bromoform	ND		1.0	0.26	ug/L			09/13/24 17:13	1
Bromomethane	ND		1.0	0.69	ug/L			09/13/24 17:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/13/24 17:13	1
Carbon tetrachloride	ND	*+	1.0	0.27	ug/L			09/13/24 17:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/13/24 17:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/13/24 17:13	1
Chloroethane	ND		1.0	0.32	ug/L			09/13/24 17:13	1
Chloroform	ND		1.0	0.34	ug/L			09/13/24 17:13	1
Chloromethane	ND		1.0	0.35	ug/L			09/13/24 17:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/13/24 17:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/13/24 17:13	1
Cyclohexane	ND		1.0	0.18	ug/L			09/13/24 17:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/13/24 17:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/13/24 17:13	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-1

Lab Sample ID: 480-223308-2

Date Collected: 09/11/24 13:25

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/13/24 17:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/13/24 17:13	1
Methyl acetate	ND		2.5	1.3	ug/L			09/13/24 17:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/13/24 17:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/13/24 17:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/13/24 17:13	1
Styrene	ND		1.0	0.73	ug/L			09/13/24 17:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/13/24 17:13	1
Toluene	ND		1.0	0.51	ug/L			09/13/24 17:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/13/24 17:13	1
trans-1,3-Dichloropropene	ND	+	1.0	0.37	ug/L			09/13/24 17:13	1
Trichloroethene	ND		1.0	0.46	ug/L			09/13/24 17:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/13/24 17:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/13/24 17:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/13/24 17:13	1
Total BTEX	8.7		2.0	1.0	ug/L			09/13/24 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		09/13/24 17:13	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		09/13/24 17:13	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/13/24 17:13	1
Dibromofluoromethane (Surr)	92		75 - 123		09/13/24 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/12/24 13:01	09/13/24 18:17	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/12/24 13:01	09/13/24 18:17	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 18:17	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/12/24 13:01	09/13/24 18:17	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 18:17	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/12/24 13:01	09/13/24 18:17	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 18:17	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 18:17	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 18:17	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 18:17	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/12/24 13:01	09/13/24 18:17	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 18:17	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/12/24 13:01	09/13/24 18:17	1
2-Nitroaniline	ND		10	0.42	ug/L		09/12/24 13:01	09/13/24 18:17	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 18:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 18:17	1
3-Nitroaniline	ND		10	0.48	ug/L		09/12/24 13:01	09/13/24 18:17	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 18:17	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 18:17	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 18:17	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 18:17	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 18:17	1
4-Methylphenol	ND		10	0.36	ug/L		09/12/24 13:01	09/13/24 18:17	1
4-Nitroaniline	ND		10	0.25	ug/L		09/12/24 13:01	09/13/24 18:17	1
4-Nitrophenol	ND		10	1.5	ug/L		09/12/24 13:01	09/13/24 18:17	1
Acenaphthene	ND		5.0	0.41	ug/L		09/12/24 13:01	09/13/24 18:17	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-1

Lab Sample ID: 480-223308-2

Date Collected: 09/11/24 13:25

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		5.0	0.38	ug/L		09/12/24 13:01	09/13/24 18:17	1
Acetophenone	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 18:17	1
Anthracene	ND		5.0	0.28	ug/L		09/12/24 13:01	09/13/24 18:17	1
Atrazine	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 18:17	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/12/24 13:01	09/13/24 18:17	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 18:17	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 18:17	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 18:17	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 18:17	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		09/12/24 13:01	09/13/24 18:17	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 18:17	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 18:17	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 18:17	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/12/24 13:01	09/13/24 18:17	1
Caprolactam	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 18:17	1
Carbazole	ND		5.0	0.30	ug/L		09/12/24 13:01	09/13/24 18:17	1
Chrysene	ND		5.0	0.33	ug/L		09/12/24 13:01	09/13/24 18:17	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/12/24 13:01	09/13/24 18:17	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/12/24 13:01	09/13/24 18:17	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 18:17	1
Dibenzofuran	ND		10	0.51	ug/L		09/12/24 13:01	09/13/24 18:17	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/12/24 13:01	09/13/24 18:17	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 18:17	1
Fluoranthene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 18:17	1
Fluorene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 18:17	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 18:17	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/12/24 13:01	09/13/24 18:17	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 18:17	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 18:17	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 18:17	1
Isophorone	ND		5.0	0.43	ug/L		09/12/24 13:01	09/13/24 18:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 18:17	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 18:17	1
Naphthalene	ND		5.0	0.76	ug/L		09/12/24 13:01	09/13/24 18:17	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/12/24 13:01	09/13/24 18:17	1
Pentachlorophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 18:17	1
Phenanthrene	ND		5.0	0.44	ug/L		09/12/24 13:01	09/13/24 18:17	1
Phenol	ND		5.0	0.39	ug/L		09/12/24 13:01	09/13/24 18:17	1
Pyrene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	58		29 - 129	09/12/24 13:01	09/13/24 18:17	1
Phenol-d5 (Surr)	38		10 - 120	09/12/24 13:01	09/13/24 18:17	1
p-Terphenyl-d14 (Surr)	79		33 - 132	09/12/24 13:01	09/13/24 18:17	1
2,4,6-Tribromophenol (Surr)	70		25 - 144	09/12/24 13:01	09/13/24 18:17	1
2-Fluorobiphenyl (Surr)	70		53 - 126	09/12/24 13:01	09/13/24 18:17	1
2-Fluorophenol (Surr)	53		24 - 120	09/12/24 13:01	09/13/24 18:17	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.96		0.20	0.060	mg/L		09/13/24 08:39	09/18/24 17:41	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-1

Lab Sample ID: 480-223308-2

Date Collected: 09/11/24 13:25

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		09/13/24 08:39	09/18/24 17:41	1
Arsenic	0.024		0.015	0.0056	mg/L		09/13/24 08:39	09/18/24 17:41	1
Barium	0.43		0.0020	0.00070	mg/L		09/13/24 08:39	09/18/24 17:41	1
Beryllium	ND		0.0020	0.00030	mg/L		09/13/24 08:39	09/18/24 17:41	1
Cadmium	0.0012	J	0.0020	0.00050	mg/L		09/13/24 08:39	09/18/24 17:41	1
Calcium	75.9		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:41	1
Chromium	0.027		0.0040	0.0010	mg/L		09/13/24 08:39	09/18/24 17:41	1
Cobalt	0.0028	J	0.0040	0.00063	mg/L		09/13/24 08:39	09/18/24 17:41	1
Copper	0.065		0.010	0.0016	mg/L		09/13/24 08:39	09/18/24 17:41	1
Iron	51.3		0.050	0.019	mg/L		09/13/24 08:39	09/18/24 17:41	1
Lead	0.012		0.010	0.0030	mg/L		09/13/24 08:39	09/18/24 17:41	1
Magnesium	17.0		0.20	0.043	mg/L		09/13/24 08:39	09/18/24 17:41	1
Manganese	0.32	B	0.0030	0.00040	mg/L		09/13/24 08:39	09/18/24 17:41	1
Nickel	0.013		0.010	0.0013	mg/L		09/13/24 08:39	09/18/24 17:41	1
Potassium	6.6		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:41	1
Selenium	ND		0.025	0.0087	mg/L		09/13/24 08:39	09/18/24 17:41	1
Silver	ND		0.0060	0.0017	mg/L		09/13/24 08:39	09/18/24 17:41	1
Sodium	75.7		1.0	0.32	mg/L		09/13/24 08:39	09/18/24 17:41	1
Thallium	ND		0.020	0.010	mg/L		09/13/24 08:39	09/18/24 17:41	1
Vanadium	0.0083		0.0050	0.0015	mg/L		09/13/24 08:39	09/18/24 17:41	1
Zinc	0.17	B	0.010	0.0015	mg/L		09/13/24 08:39	09/18/24 17:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00030	0.000063	mg/L		09/16/24 10:44	09/16/24 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.0046	J	0.010	0.0041	mg/L			09/13/24 09:38	1

Client Sample ID: FW-MW-2

Lab Sample ID: 480-223308-3

Date Collected: 09/11/24 12:00

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/13/24 17:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/13/24 17:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/13/24 17:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/13/24 17:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/13/24 17:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/13/24 17:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/13/24 17:35	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.39	ug/L			09/13/24 17:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/13/24 17:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/13/24 17:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/13/24 17:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/13/24 17:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/13/24 17:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/13/24 17:35	1
2-Hexanone	ND		5.0	1.2	ug/L			09/13/24 17:35	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-2

Lab Sample ID: 480-223308-3

Date Collected: 09/11/24 12:00

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/13/24 17:35	1
Acetone	ND		10	3.0	ug/L			09/13/24 17:35	1
Benzene	ND		1.0	0.41	ug/L			09/13/24 17:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/13/24 17:35	1
Bromoform	ND		1.0	0.26	ug/L			09/13/24 17:35	1
Bromomethane	ND		1.0	0.69	ug/L			09/13/24 17:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/13/24 17:35	1
Carbon tetrachloride	ND	+	1.0	0.27	ug/L			09/13/24 17:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/13/24 17:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/13/24 17:35	1
Chloroethane	ND		1.0	0.32	ug/L			09/13/24 17:35	1
Chloroform	ND		1.0	0.34	ug/L			09/13/24 17:35	1
Chloromethane	ND		1.0	0.35	ug/L			09/13/24 17:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/13/24 17:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/13/24 17:35	1
Cyclohexane	ND		1.0	0.18	ug/L			09/13/24 17:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/13/24 17:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/13/24 17:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/13/24 17:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/13/24 17:35	1
Methyl acetate	ND		2.5	1.3	ug/L			09/13/24 17:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/13/24 17:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/13/24 17:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/13/24 17:35	1
Styrene	ND		1.0	0.73	ug/L			09/13/24 17:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/13/24 17:35	1
Toluene	ND		1.0	0.51	ug/L			09/13/24 17:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/13/24 17:35	1
trans-1,3-Dichloropropene	ND	+	1.0	0.37	ug/L			09/13/24 17:35	1
Trichloroethene	ND		1.0	0.46	ug/L			09/13/24 17:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/13/24 17:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/13/24 17:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/13/24 17:35	1
Total BTEX	ND		2.0	1.0	ug/L			09/13/24 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		09/13/24 17:35	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		09/13/24 17:35	1
4-Bromofluorobenzene (Surr)	99		73 - 120		09/13/24 17:35	1
Dibromofluoromethane (Surr)	95		75 - 123		09/13/24 17:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/12/24 13:01	09/13/24 18:44	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/12/24 13:01	09/13/24 18:44	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 18:44	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/12/24 13:01	09/13/24 18:44	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 18:44	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/12/24 13:01	09/13/24 18:44	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 18:44	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 18:44	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-2

Lab Sample ID: 480-223308-3

Date Collected: 09/11/24 12:00

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 18:44	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 18:44	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/12/24 13:01	09/13/24 18:44	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 18:44	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/12/24 13:01	09/13/24 18:44	1
2-Nitroaniline	ND		10	0.42	ug/L		09/12/24 13:01	09/13/24 18:44	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 18:44	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 18:44	1
3-Nitroaniline	ND		10	0.48	ug/L		09/12/24 13:01	09/13/24 18:44	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 18:44	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 18:44	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 18:44	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 18:44	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 18:44	1
4-Methylphenol	ND		10	0.36	ug/L		09/12/24 13:01	09/13/24 18:44	1
4-Nitroaniline	ND		10	0.25	ug/L		09/12/24 13:01	09/13/24 18:44	1
4-Nitrophenol	ND		10	1.5	ug/L		09/12/24 13:01	09/13/24 18:44	1
Acenaphthene	ND		5.0	0.41	ug/L		09/12/24 13:01	09/13/24 18:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/12/24 13:01	09/13/24 18:44	1
Acetophenone	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 18:44	1
Anthracene	ND		5.0	0.28	ug/L		09/12/24 13:01	09/13/24 18:44	1
Atrazine	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 18:44	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/12/24 13:01	09/13/24 18:44	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 18:44	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 18:44	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 18:44	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 18:44	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		09/12/24 13:01	09/13/24 18:44	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 18:44	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 18:44	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 18:44	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/12/24 13:01	09/13/24 18:44	1
Caprolactam	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 18:44	1
Carbazole	ND		5.0	0.30	ug/L		09/12/24 13:01	09/13/24 18:44	1
Chrysene	ND		5.0	0.33	ug/L		09/12/24 13:01	09/13/24 18:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/12/24 13:01	09/13/24 18:44	1
Di-n-butyl phthalate	0.49	J	5.0	0.31	ug/L		09/12/24 13:01	09/13/24 18:44	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 18:44	1
Dibenzofuran	ND		10	0.51	ug/L		09/12/24 13:01	09/13/24 18:44	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/12/24 13:01	09/13/24 18:44	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 18:44	1
Fluoranthene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 18:44	1
Fluorene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 18:44	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 18:44	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/12/24 13:01	09/13/24 18:44	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 18:44	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 18:44	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 18:44	1
Isophorone	ND		5.0	0.43	ug/L		09/12/24 13:01	09/13/24 18:44	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 18:44	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-2

Lab Sample ID: 480-223308-3

Date Collected: 09/11/24 12:00

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 18:44	1
Naphthalene	ND		5.0	0.76	ug/L		09/12/24 13:01	09/13/24 18:44	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/12/24 13:01	09/13/24 18:44	1
Pentachlorophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 18:44	1
Phenanthrene	ND		5.0	0.44	ug/L		09/12/24 13:01	09/13/24 18:44	1
Phenol	ND		5.0	0.39	ug/L		09/12/24 13:01	09/13/24 18:44	1
Pyrene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	64		29 - 129	09/12/24 13:01	09/13/24 18:44	1
Phenol-d5 (Surr)	39		10 - 120	09/12/24 13:01	09/13/24 18:44	1
p-Terphenyl-d14 (Surr)	81		33 - 132	09/12/24 13:01	09/13/24 18:44	1
2,4,6-Tribromophenol (Surr)	79		25 - 144	09/12/24 13:01	09/13/24 18:44	1
2-Fluorobiphenyl (Surr)	73		53 - 126	09/12/24 13:01	09/13/24 18:44	1
2-Fluorophenol (Surr)	56		24 - 120	09/12/24 13:01	09/13/24 18:44	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.48		0.20	0.060	mg/L		09/13/24 08:39	09/18/24 17:43	1
Antimony	ND		0.020	0.0068	mg/L		09/13/24 08:39	09/18/24 17:43	1
Arsenic	ND		0.015	0.0056	mg/L		09/13/24 08:39	09/18/24 17:43	1
Barium	0.30		0.0020	0.00070	mg/L		09/13/24 08:39	09/18/24 17:43	1
Beryllium	ND		0.0020	0.00030	mg/L		09/13/24 08:39	09/18/24 17:43	1
Cadmium	ND		0.0020	0.00050	mg/L		09/13/24 08:39	09/18/24 17:43	1
Calcium	231		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:43	1
Chromium	0.0025	J	0.0040	0.0010	mg/L		09/13/24 08:39	09/18/24 17:43	1
Cobalt	ND		0.0040	0.00063	mg/L		09/13/24 08:39	09/18/24 17:43	1
Copper	0.010		0.010	0.0016	mg/L		09/13/24 08:39	09/18/24 17:43	1
Iron	19.1		0.050	0.019	mg/L		09/13/24 08:39	09/18/24 17:43	1
Lead	0.0087	J	0.010	0.0030	mg/L		09/13/24 08:39	09/18/24 17:43	1
Magnesium	20.4		0.20	0.043	mg/L		09/13/24 08:39	09/18/24 17:43	1
Manganese	1.4	B	0.0030	0.00040	mg/L		09/13/24 08:39	09/18/24 17:43	1
Nickel	0.0023	J	0.010	0.0013	mg/L		09/13/24 08:39	09/18/24 17:43	1
Potassium	7.1		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:43	1
Selenium	ND		0.025	0.0087	mg/L		09/13/24 08:39	09/18/24 17:43	1
Silver	ND		0.0060	0.0017	mg/L		09/13/24 08:39	09/18/24 17:43	1
Sodium	728		1.0	0.32	mg/L		09/13/24 08:39	09/18/24 17:43	1
Thallium	ND		0.020	0.010	mg/L		09/13/24 08:39	09/18/24 17:43	1
Vanadium	0.0017	J	0.0050	0.0015	mg/L		09/13/24 08:39	09/18/24 17:43	1
Zinc	0.038	B	0.010	0.0015	mg/L		09/13/24 08:39	09/18/24 17:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/16/24 10:44	09/16/24 14:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.0077	J	0.010	0.0041	mg/L			09/13/24 09:40	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-3

Lab Sample ID: 480-223308-4

Date Collected: 09/11/24 12:45

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/13/24 17:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/13/24 17:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/13/24 17:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/13/24 17:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/13/24 17:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/13/24 17:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/13/24 17:57	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.39	ug/L			09/13/24 17:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/13/24 17:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/13/24 17:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/13/24 17:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/13/24 17:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/13/24 17:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/13/24 17:57	1
2-Hexanone	ND		5.0	1.2	ug/L			09/13/24 17:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/13/24 17:57	1
Acetone	ND		10	3.0	ug/L			09/13/24 17:57	1
Benzene	ND		1.0	0.41	ug/L			09/13/24 17:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/13/24 17:57	1
Bromoform	ND		1.0	0.26	ug/L			09/13/24 17:57	1
Bromomethane	ND		1.0	0.69	ug/L			09/13/24 17:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/13/24 17:57	1
Carbon tetrachloride	ND	*+	1.0	0.27	ug/L			09/13/24 17:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/13/24 17:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/13/24 17:57	1
Chloroethane	ND		1.0	0.32	ug/L			09/13/24 17:57	1
Chloroform	ND		1.0	0.34	ug/L			09/13/24 17:57	1
Chloromethane	ND		1.0	0.35	ug/L			09/13/24 17:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/13/24 17:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/13/24 17:57	1
Cyclohexane	ND		1.0	0.18	ug/L			09/13/24 17:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/13/24 17:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/13/24 17:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/13/24 17:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/13/24 17:57	1
Methyl acetate	ND		2.5	1.3	ug/L			09/13/24 17:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/13/24 17:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/13/24 17:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/13/24 17:57	1
Styrene	ND		1.0	0.73	ug/L			09/13/24 17:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/13/24 17:57	1
Toluene	ND		1.0	0.51	ug/L			09/13/24 17:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/13/24 17:57	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			09/13/24 17:57	1
Trichloroethene	ND		1.0	0.46	ug/L			09/13/24 17:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/13/24 17:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/13/24 17:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/13/24 17:57	1
Total BTEX	ND		2.0	1.0	ug/L			09/13/24 17:57	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-3

Lab Sample ID: 480-223308-4

Date Collected: 09/11/24 12:45

Matrix: Water

Date Received: 09/12/24 09:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		09/13/24 17:57	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		09/13/24 17:57	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/13/24 17:57	1
Dibromofluoromethane (Surr)	106		75 - 123		09/13/24 17:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/12/24 13:01	09/13/24 19:11	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/12/24 13:01	09/13/24 19:11	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 19:11	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/12/24 13:01	09/13/24 19:11	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 19:11	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/12/24 13:01	09/13/24 19:11	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 19:11	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 19:11	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 19:11	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 19:11	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/12/24 13:01	09/13/24 19:11	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 19:11	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/12/24 13:01	09/13/24 19:11	1
2-Nitroaniline	ND		10	0.42	ug/L		09/12/24 13:01	09/13/24 19:11	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 19:11	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 19:11	1
3-Nitroaniline	ND		10	0.48	ug/L		09/12/24 13:01	09/13/24 19:11	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 19:11	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 19:11	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 19:11	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 19:11	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 19:11	1
4-Methylphenol	ND		10	0.36	ug/L		09/12/24 13:01	09/13/24 19:11	1
4-Nitroaniline	ND		10	0.25	ug/L		09/12/24 13:01	09/13/24 19:11	1
4-Nitrophenol	ND		10	1.5	ug/L		09/12/24 13:01	09/13/24 19:11	1
Acenaphthene	ND		5.0	0.41	ug/L		09/12/24 13:01	09/13/24 19:11	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/12/24 13:01	09/13/24 19:11	1
Acetophenone	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 19:11	1
Anthracene	ND		5.0	0.28	ug/L		09/12/24 13:01	09/13/24 19:11	1
Atrazine	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 19:11	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/12/24 13:01	09/13/24 19:11	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 19:11	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 19:11	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 19:11	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 19:11	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		09/12/24 13:01	09/13/24 19:11	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 19:11	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 19:11	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 19:11	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/12/24 13:01	09/13/24 19:11	1
Caprolactam	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 19:11	1
Carbazole	ND		5.0	0.30	ug/L		09/12/24 13:01	09/13/24 19:11	1
Chrysene	ND		5.0	0.33	ug/L		09/12/24 13:01	09/13/24 19:11	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/12/24 13:01	09/13/24 19:11	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-3

Lab Sample ID: 480-223308-4

Date Collected: 09/11/24 12:45

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.47	J	5.0	0.31	ug/L		09/12/24 13:01	09/13/24 19:11	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 19:11	1
Dibenzofuran	ND		10	0.51	ug/L		09/12/24 13:01	09/13/24 19:11	1
Diethyl phthalate	0.55	J	5.0	0.22	ug/L		09/12/24 13:01	09/13/24 19:11	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 19:11	1
Fluoranthene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 19:11	1
Fluorene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 19:11	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 19:11	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/12/24 13:01	09/13/24 19:11	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 19:11	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 19:11	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 19:11	1
Isophorone	ND		5.0	0.43	ug/L		09/12/24 13:01	09/13/24 19:11	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 19:11	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 19:11	1
Naphthalene	ND		5.0	0.76	ug/L		09/12/24 13:01	09/13/24 19:11	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/12/24 13:01	09/13/24 19:11	1
Pentachlorophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 19:11	1
Phenanthrene	ND		5.0	0.44	ug/L		09/12/24 13:01	09/13/24 19:11	1
Phenol	ND		5.0	0.39	ug/L		09/12/24 13:01	09/13/24 19:11	1
Pyrene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	65		29 - 129	09/12/24 13:01	09/13/24 19:11	1
Phenol-d5 (Surr)	37		10 - 120	09/12/24 13:01	09/13/24 19:11	1
p-Terphenyl-d14 (Surr)	91		33 - 132	09/12/24 13:01	09/13/24 19:11	1
2,4,6-Tribromophenol (Surr)	77		25 - 144	09/12/24 13:01	09/13/24 19:11	1
2-Fluorobiphenyl (Surr)	75		53 - 126	09/12/24 13:01	09/13/24 19:11	1
2-Fluorophenol (Surr)	54		24 - 120	09/12/24 13:01	09/13/24 19:11	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.76		0.20	0.060	mg/L		09/13/24 08:39	09/18/24 17:45	1
Antimony	ND		0.020	0.0068	mg/L		09/13/24 08:39	09/18/24 17:45	1
Arsenic	ND		0.015	0.0056	mg/L		09/13/24 08:39	09/18/24 17:45	1
Barium	0.055		0.0020	0.00070	mg/L		09/13/24 08:39	09/18/24 17:45	1
Beryllium	ND		0.0020	0.00030	mg/L		09/13/24 08:39	09/18/24 17:45	1
Cadmium	ND		0.0020	0.00050	mg/L		09/13/24 08:39	09/18/24 17:45	1
Calcium	104		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:45	1
Chromium	0.0040		0.0040	0.0010	mg/L		09/13/24 08:39	09/18/24 17:45	1
Cobalt	ND		0.0040	0.00063	mg/L		09/13/24 08:39	09/18/24 17:45	1
Copper	0.0034	J	0.010	0.0016	mg/L		09/13/24 08:39	09/18/24 17:45	1
Iron	0.67		0.050	0.019	mg/L		09/13/24 08:39	09/18/24 17:45	1
Lead	0.0044	J	0.010	0.0030	mg/L		09/13/24 08:39	09/18/24 17:45	1
Magnesium	8.0		0.20	0.043	mg/L		09/13/24 08:39	09/18/24 17:45	1
Manganese	0.032	B	0.0030	0.00040	mg/L		09/13/24 08:39	09/18/24 17:45	1
Nickel	0.0013	J	0.010	0.0013	mg/L		09/13/24 08:39	09/18/24 17:45	1
Potassium	2.1		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:45	1
Selenium	ND		0.025	0.0087	mg/L		09/13/24 08:39	09/18/24 17:45	1
Silver	ND		0.0060	0.0017	mg/L		09/13/24 08:39	09/18/24 17:45	1
Sodium	37.1		1.0	0.32	mg/L		09/13/24 08:39	09/18/24 17:45	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-3

Lab Sample ID: 480-223308-4

Date Collected: 09/11/24 12:45

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.020	0.010	mg/L		09/13/24 08:39	09/18/24 17:45	1
Vanadium	0.0037	J	0.0050	0.0015	mg/L		09/13/24 08:39	09/18/24 17:45	1
Zinc	0.022	B	0.010	0.0015	mg/L		09/13/24 08:39	09/18/24 17:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/16/24 10:44	09/16/24 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.080		0.010	0.0041	mg/L			09/13/24 09:43	1

Client Sample ID: FW-MW-5

Lab Sample ID: 480-223308-5

Date Collected: 09/11/24 13:30

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/13/24 18:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/13/24 18:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/13/24 18:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/13/24 18:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/13/24 18:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/13/24 18:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/13/24 18:18	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.39	ug/L			09/13/24 18:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/13/24 18:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/13/24 18:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/13/24 18:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/13/24 18:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/13/24 18:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/13/24 18:18	1
2-Hexanone	ND		5.0	1.2	ug/L			09/13/24 18:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/13/24 18:18	1
Acetone	ND		10	3.0	ug/L			09/13/24 18:18	1
Benzene	ND		1.0	0.41	ug/L			09/13/24 18:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/13/24 18:18	1
Bromoform	ND		1.0	0.26	ug/L			09/13/24 18:18	1
Bromomethane	ND		1.0	0.69	ug/L			09/13/24 18:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/13/24 18:18	1
Carbon tetrachloride	ND	*+	1.0	0.27	ug/L			09/13/24 18:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/13/24 18:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/13/24 18:18	1
Chloroethane	ND		1.0	0.32	ug/L			09/13/24 18:18	1
Chloroform	ND		1.0	0.34	ug/L			09/13/24 18:18	1
Chloromethane	ND		1.0	0.35	ug/L			09/13/24 18:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/13/24 18:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/13/24 18:18	1
Cyclohexane	ND		1.0	0.18	ug/L			09/13/24 18:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/13/24 18:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/13/24 18:18	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-5

Lab Sample ID: 480-223308-5

Date Collected: 09/11/24 13:30

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/13/24 18:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/13/24 18:18	1
Methyl acetate	ND		2.5	1.3	ug/L			09/13/24 18:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/13/24 18:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/13/24 18:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/13/24 18:18	1
Styrene	ND		1.0	0.73	ug/L			09/13/24 18:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/13/24 18:18	1
Toluene	ND		1.0	0.51	ug/L			09/13/24 18:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/13/24 18:18	1
trans-1,3-Dichloropropene	ND	+	1.0	0.37	ug/L			09/13/24 18:18	1
Trichloroethene	ND		1.0	0.46	ug/L			09/13/24 18:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/13/24 18:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/13/24 18:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/13/24 18:18	1
Total BTEX	ND		2.0	1.0	ug/L			09/13/24 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		09/13/24 18:18	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		09/13/24 18:18	1
4-Bromofluorobenzene (Surr)	96		73 - 120		09/13/24 18:18	1
Dibromofluoromethane (Surr)	103		75 - 123		09/13/24 18:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/12/24 13:01	09/13/24 19:39	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/12/24 13:01	09/13/24 19:39	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 19:39	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/12/24 13:01	09/13/24 19:39	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 19:39	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/12/24 13:01	09/13/24 19:39	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 19:39	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 19:39	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 19:39	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 19:39	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/12/24 13:01	09/13/24 19:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 19:39	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/12/24 13:01	09/13/24 19:39	1
2-Nitroaniline	ND		10	0.42	ug/L		09/12/24 13:01	09/13/24 19:39	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 19:39	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 19:39	1
3-Nitroaniline	ND		10	0.48	ug/L		09/12/24 13:01	09/13/24 19:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 19:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 19:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 19:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 19:39	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 19:39	1
4-Methylphenol	ND		10	0.36	ug/L		09/12/24 13:01	09/13/24 19:39	1
4-Nitroaniline	ND		10	0.25	ug/L		09/12/24 13:01	09/13/24 19:39	1
4-Nitrophenol	ND		10	1.5	ug/L		09/12/24 13:01	09/13/24 19:39	1
Acenaphthene	ND		5.0	0.41	ug/L		09/12/24 13:01	09/13/24 19:39	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-5

Lab Sample ID: 480-223308-5

Date Collected: 09/11/24 13:30

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		5.0	0.38	ug/L		09/12/24 13:01	09/13/24 19:39	1
Acetophenone	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 19:39	1
Anthracene	ND		5.0	0.28	ug/L		09/12/24 13:01	09/13/24 19:39	1
Atrazine	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 19:39	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/12/24 13:01	09/13/24 19:39	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 19:39	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 19:39	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 19:39	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 19:39	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		09/12/24 13:01	09/13/24 19:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 19:39	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 19:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 19:39	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/12/24 13:01	09/13/24 19:39	1
Caprolactam	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 19:39	1
Carbazole	ND		5.0	0.30	ug/L		09/12/24 13:01	09/13/24 19:39	1
Chrysene	ND		5.0	0.33	ug/L		09/12/24 13:01	09/13/24 19:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/12/24 13:01	09/13/24 19:39	1
Di-n-butyl phthalate	0.47	J	5.0	0.31	ug/L		09/12/24 13:01	09/13/24 19:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 19:39	1
Dibenzofuran	ND		10	0.51	ug/L		09/12/24 13:01	09/13/24 19:39	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/12/24 13:01	09/13/24 19:39	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 19:39	1
Fluoranthene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 19:39	1
Fluorene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 19:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 19:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/12/24 13:01	09/13/24 19:39	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 19:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 19:39	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 19:39	1
Isophorone	ND		5.0	0.43	ug/L		09/12/24 13:01	09/13/24 19:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 19:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 19:39	1
Naphthalene	ND		5.0	0.76	ug/L		09/12/24 13:01	09/13/24 19:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/12/24 13:01	09/13/24 19:39	1
Pentachlorophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 19:39	1
Phenanthrene	ND		5.0	0.44	ug/L		09/12/24 13:01	09/13/24 19:39	1
Phenol	ND		5.0	0.39	ug/L		09/12/24 13:01	09/13/24 19:39	1
Pyrene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 19:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	65		29 - 129	09/12/24 13:01	09/13/24 19:39	1
Phenol-d5 (Surr)	38		10 - 120	09/12/24 13:01	09/13/24 19:39	1
p-Terphenyl-d14 (Surr)	78		33 - 132	09/12/24 13:01	09/13/24 19:39	1
2,4,6-Tribromophenol (Surr)	67		25 - 144	09/12/24 13:01	09/13/24 19:39	1
2-Fluorobiphenyl (Surr)	76		53 - 126	09/12/24 13:01	09/13/24 19:39	1
2-Fluorophenol (Surr)	55		24 - 120	09/12/24 13:01	09/13/24 19:39	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.22		0.20	0.060	mg/L		09/13/24 08:39	09/18/24 17:46	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: FW-MW-5

Lab Sample ID: 480-223308-5

Date Collected: 09/11/24 13:30

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		09/13/24 08:39	09/18/24 17:46	1
Arsenic	ND		0.015	0.0056	mg/L		09/13/24 08:39	09/18/24 17:46	1
Barium	0.048		0.0020	0.00070	mg/L		09/13/24 08:39	09/18/24 17:46	1
Beryllium	ND		0.0020	0.00030	mg/L		09/13/24 08:39	09/18/24 17:46	1
Cadmium	ND		0.0020	0.00050	mg/L		09/13/24 08:39	09/18/24 17:46	1
Calcium	145		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:46	1
Chromium	0.0084		0.0040	0.0010	mg/L		09/13/24 08:39	09/18/24 17:46	1
Cobalt	0.0030	J	0.0040	0.00063	mg/L		09/13/24 08:39	09/18/24 17:46	1
Copper	0.0040	J	0.010	0.0016	mg/L		09/13/24 08:39	09/18/24 17:46	1
Iron	0.83		0.050	0.019	mg/L		09/13/24 08:39	09/18/24 17:46	1
Lead	0.0044	J	0.010	0.0030	mg/L		09/13/24 08:39	09/18/24 17:46	1
Magnesium	17.0		0.20	0.043	mg/L		09/13/24 08:39	09/18/24 17:46	1
Manganese	0.040	B	0.0030	0.00040	mg/L		09/13/24 08:39	09/18/24 17:46	1
Nickel	0.0055	J	0.010	0.0013	mg/L		09/13/24 08:39	09/18/24 17:46	1
Potassium	3.8		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:46	1
Selenium	ND		0.025	0.0087	mg/L		09/13/24 08:39	09/18/24 17:46	1
Silver	ND		0.0060	0.0017	mg/L		09/13/24 08:39	09/18/24 17:46	1
Sodium	74.0		1.0	0.32	mg/L		09/13/24 08:39	09/18/24 17:46	1
Thallium	ND		0.020	0.010	mg/L		09/13/24 08:39	09/18/24 17:46	1
Vanadium	0.0017	J	0.0050	0.0015	mg/L		09/13/24 08:39	09/18/24 17:46	1
Zinc	0.032	B	0.010	0.0015	mg/L		09/13/24 08:39	09/18/24 17:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/16/24 10:44	09/16/24 15:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.020		0.010	0.0041	mg/L			09/13/24 09:47	1

Client Sample ID: MW-101RD

Lab Sample ID: 480-223308-6

Date Collected: 09/11/24 11:50

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	69		40	33	ug/L			09/16/24 12:38	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			09/16/24 12:38	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			09/16/24 12:38	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			09/16/24 12:38	40
1,1-Dichloroethane	98		40	15	ug/L			09/16/24 12:38	40
1,1-Dichloroethene	19	J	40	12	ug/L			09/16/24 12:38	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			09/16/24 12:38	40
1,2-Dibromo-3-Chloropropane	ND	*+ F1	40	16	ug/L			09/16/24 12:38	40
1,2-Dichlorobenzene	ND		40	32	ug/L			09/16/24 12:38	40
1,2-Dichloroethane	ND		40	8.4	ug/L			09/16/24 12:38	40
1,2-Dichloropropane	ND		40	29	ug/L			09/16/24 12:38	40
1,3-Dichlorobenzene	ND		40	31	ug/L			09/16/24 12:38	40
1,4-Dichlorobenzene	ND		40	34	ug/L			09/16/24 12:38	40
2-Butanone (MEK)	ND		400	53	ug/L			09/16/24 12:38	40
2-Hexanone	ND		200	50	ug/L			09/16/24 12:38	40

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-101RD

Lab Sample ID: 480-223308-6

Date Collected: 09/11/24 11:50

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			09/16/24 12:38	40
Acetone	ND		400	120	ug/L			09/16/24 12:38	40
Benzene	ND		40	16	ug/L			09/16/24 12:38	40
Bromodichloromethane	ND		40	16	ug/L			09/16/24 12:38	40
Bromoform	ND		40	10	ug/L			09/16/24 12:38	40
Bromomethane	ND		40	28	ug/L			09/16/24 12:38	40
Carbon disulfide	ND		40	7.6	ug/L			09/16/24 12:38	40
Carbon tetrachloride	ND	*+ F1	40	11	ug/L			09/16/24 12:38	40
Chlorobenzene	ND		40	30	ug/L			09/16/24 12:38	40
Dibromochloromethane	ND	*+	40	13	ug/L			09/16/24 12:38	40
Chloroethane	ND		40	13	ug/L			09/16/24 12:38	40
Chloroform	ND		40	14	ug/L			09/16/24 12:38	40
Chloromethane	ND		40	14	ug/L			09/16/24 12:38	40
cis-1,2-Dichloroethene	1700	F1	40	32	ug/L			09/16/24 12:38	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			09/16/24 12:38	40
Cyclohexane	ND		40	7.2	ug/L			09/16/24 12:38	40
Dichlorodifluoromethane	ND		40	27	ug/L			09/16/24 12:38	40
Ethylbenzene	ND		40	30	ug/L			09/16/24 12:38	40
1,2-Dibromoethane	ND		40	29	ug/L			09/16/24 12:38	40
Isopropylbenzene	ND		40	32	ug/L			09/16/24 12:38	40
Methyl acetate	ND		100	52	ug/L			09/16/24 12:38	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			09/16/24 12:38	40
Methylcyclohexane	ND		40	6.4	ug/L			09/16/24 12:38	40
Methylene Chloride	ND		40	18	ug/L			09/16/24 12:38	40
Styrene	ND		40	29	ug/L			09/16/24 12:38	40
Tetrachloroethene	ND		40	14	ug/L			09/16/24 12:38	40
Toluene	ND		40	20	ug/L			09/16/24 12:38	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			09/16/24 12:38	40
trans-1,3-Dichloropropene	ND	*+	40	15	ug/L			09/16/24 12:38	40
Trichloroethene	ND		40	18	ug/L			09/16/24 12:38	40
Trichlorofluoromethane	ND		40	35	ug/L			09/16/24 12:38	40
Vinyl chloride	200		40	36	ug/L			09/16/24 12:38	40
Xylenes, Total	ND		80	26	ug/L			09/16/24 12:38	40
Total BTEX	ND		80	40	ug/L			09/16/24 12:38	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		09/16/24 12:38	40
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		09/16/24 12:38	40
4-Bromofluorobenzene (Surr)	97		73 - 120		09/16/24 12:38	40
Dibromofluoromethane (Surr)	95		75 - 123		09/16/24 12:38	40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	0.86	J	5.0	0.65	ug/L		09/12/24 13:01	09/13/24 14:09	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/12/24 13:01	09/13/24 14:09	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 14:09	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/12/24 13:01	09/13/24 14:09	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 14:09	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/12/24 13:01	09/13/24 14:09	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 14:09	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 14:09	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-101RD

Lab Sample ID: 480-223308-6

Date Collected: 09/11/24 11:50

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 14:09	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 14:09	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/12/24 13:01	09/13/24 14:09	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 14:09	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/12/24 13:01	09/13/24 14:09	1
2-Nitroaniline	ND		10	0.42	ug/L		09/12/24 13:01	09/13/24 14:09	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 14:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 14:09	1
3-Nitroaniline	ND		10	0.48	ug/L		09/12/24 13:01	09/13/24 14:09	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 14:09	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 14:09	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 14:09	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 14:09	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 14:09	1
4-Methylphenol	ND		10	0.36	ug/L		09/12/24 13:01	09/13/24 14:09	1
4-Nitroaniline	ND		10	0.25	ug/L		09/12/24 13:01	09/13/24 14:09	1
4-Nitrophenol	ND		10	1.5	ug/L		09/12/24 13:01	09/13/24 14:09	1
Acenaphthene	6.6		5.0	0.41	ug/L		09/12/24 13:01	09/13/24 14:09	1
Acenaphthylene	2.3	J	5.0	0.38	ug/L		09/12/24 13:01	09/13/24 14:09	1
Acetophenone	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 14:09	1
Anthracene	1.9	J	5.0	0.28	ug/L		09/12/24 13:01	09/13/24 14:09	1
Atrazine	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 14:09	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/12/24 13:01	09/13/24 14:09	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 14:09	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 14:09	1
Benzo[b]fluoranthene	ND	F2	5.0	0.34	ug/L		09/12/24 13:01	09/13/24 14:09	1
Benzo[g,h,i]perylene	ND	F2	5.0	0.35	ug/L		09/12/24 13:01	09/13/24 14:09	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		09/12/24 13:01	09/13/24 14:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 14:09	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 14:09	1
Bis(2-ethylhexyl) phthalate	ND	F2	5.0	2.2	ug/L		09/12/24 13:01	09/13/24 14:09	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/12/24 13:01	09/13/24 14:09	1
Caprolactam	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 14:09	1
Carbazole	2.5	J	5.0	0.30	ug/L		09/12/24 13:01	09/13/24 14:09	1
Chrysene	ND		5.0	0.33	ug/L		09/12/24 13:01	09/13/24 14:09	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/12/24 13:01	09/13/24 14:09	1
Di-n-butyl phthalate	0.49	J	5.0	0.31	ug/L		09/12/24 13:01	09/13/24 14:09	1
Di-n-octyl phthalate	ND	F2	5.0	0.47	ug/L		09/12/24 13:01	09/13/24 14:09	1
Dibenzofuran	5.7	J	10	0.51	ug/L		09/12/24 13:01	09/13/24 14:09	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/12/24 13:01	09/13/24 14:09	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 14:09	1
Fluoranthene	2.8	J	5.0	0.40	ug/L		09/12/24 13:01	09/13/24 14:09	1
Fluorene	7.2		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 14:09	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 14:09	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/12/24 13:01	09/13/24 14:09	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 14:09	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 14:09	1
Indeno[1,2,3-cd]pyrene	ND	F2	5.0	0.47	ug/L		09/12/24 13:01	09/13/24 14:09	1
Isophorone	ND		5.0	0.43	ug/L		09/12/24 13:01	09/13/24 14:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 14:09	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-101RD

Lab Sample ID: 480-223308-6

Date Collected: 09/11/24 11:50

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 14:09	1
Naphthalene	ND		5.0	0.76	ug/L		09/12/24 13:01	09/13/24 14:09	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/12/24 13:01	09/13/24 14:09	1
Pentachlorophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 14:09	1
Phenanthrene	5.4		5.0	0.44	ug/L		09/12/24 13:01	09/13/24 14:09	1
Phenol	ND		5.0	0.39	ug/L		09/12/24 13:01	09/13/24 14:09	1
Pyrene	2.0	J	5.0	0.34	ug/L		09/12/24 13:01	09/13/24 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	71		29 - 129	09/12/24 13:01	09/13/24 14:09	1
Phenol-d5 (Surr)	41		10 - 120	09/12/24 13:01	09/13/24 14:09	1
p-Terphenyl-d14 (Surr)	86		33 - 132	09/12/24 13:01	09/13/24 14:09	1
2,4,6-Tribromophenol (Surr)	83		25 - 144	09/12/24 13:01	09/13/24 14:09	1
2-Fluorobiphenyl (Surr)	79		53 - 126	09/12/24 13:01	09/13/24 14:09	1
2-Fluorophenol (Surr)	61		24 - 120	09/12/24 13:01	09/13/24 14:09	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.76		0.20	0.060	mg/L		09/13/24 08:39	09/18/24 17:48	1
Antimony	ND		0.020	0.0068	mg/L		09/13/24 08:39	09/18/24 17:48	1
Arsenic	ND		0.015	0.0056	mg/L		09/13/24 08:39	09/18/24 17:48	1
Barium	0.22		0.0020	0.00070	mg/L		09/13/24 08:39	09/18/24 17:48	1
Beryllium	ND		0.0020	0.00030	mg/L		09/13/24 08:39	09/18/24 17:48	1
Cadmium	ND		0.0020	0.00050	mg/L		09/13/24 08:39	09/18/24 17:48	1
Calcium	150		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:48	1
Chromium	0.0037	J	0.0040	0.0010	mg/L		09/13/24 08:39	09/18/24 17:48	1
Cobalt	ND		0.0040	0.00063	mg/L		09/13/24 08:39	09/18/24 17:48	1
Copper	0.011		0.010	0.0016	mg/L		09/13/24 08:39	09/18/24 17:48	1
Iron	2.3		0.050	0.019	mg/L		09/13/24 08:39	09/18/24 17:48	1
Lead	0.0048	J	0.010	0.0030	mg/L		09/13/24 08:39	09/18/24 17:48	1
Magnesium	19.6		0.20	0.043	mg/L		09/13/24 08:39	09/18/24 17:48	1
Manganese	0.63	B	0.0030	0.00040	mg/L		09/13/24 08:39	09/18/24 17:48	1
Nickel	0.0029	J	0.010	0.0013	mg/L		09/13/24 08:39	09/18/24 17:48	1
Potassium	7.6		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:48	1
Selenium	ND		0.025	0.0087	mg/L		09/13/24 08:39	09/18/24 17:48	1
Silver	ND		0.0060	0.0017	mg/L		09/13/24 08:39	09/18/24 17:48	1
Sodium	337		1.0	0.32	mg/L		09/13/24 08:39	09/18/24 17:48	1
Thallium	ND		0.020	0.010	mg/L		09/13/24 08:39	09/18/24 17:48	1
Vanadium	0.0021	J	0.0050	0.0015	mg/L		09/13/24 08:39	09/18/24 17:48	1
Zinc	0.012	B	0.010	0.0015	mg/L		09/13/24 08:39	09/18/24 17:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/16/24 10:44	09/16/24 15:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			09/13/24 09:50	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-102R

Lab Sample ID: 480-223308-7

Date Collected: 09/11/24 11:00

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/13/24 19:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/13/24 19:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/13/24 19:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/13/24 19:03	1
1,1-Dichloroethane	12		1.0	0.38	ug/L			09/13/24 19:03	1
1,1-Dichloroethene	0.73	J	1.0	0.29	ug/L			09/13/24 19:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/13/24 19:03	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.39	ug/L			09/13/24 19:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/13/24 19:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/13/24 19:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/13/24 19:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/13/24 19:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/13/24 19:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/13/24 19:03	1
2-Hexanone	ND		5.0	1.2	ug/L			09/13/24 19:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/13/24 19:03	1
Acetone	ND		10	3.0	ug/L			09/13/24 19:03	1
Benzene	1.0		1.0	0.41	ug/L			09/13/24 19:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/13/24 19:03	1
Bromoform	ND		1.0	0.26	ug/L			09/13/24 19:03	1
Bromomethane	ND		1.0	0.69	ug/L			09/13/24 19:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/13/24 19:03	1
Carbon tetrachloride	ND	*+	1.0	0.27	ug/L			09/13/24 19:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/13/24 19:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/13/24 19:03	1
Chloroethane	ND		1.0	0.32	ug/L			09/13/24 19:03	1
Chloroform	ND		1.0	0.34	ug/L			09/13/24 19:03	1
Chloromethane	ND		1.0	0.35	ug/L			09/13/24 19:03	1
cis-1,2-Dichloroethene	42		1.0	0.81	ug/L			09/13/24 19:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/13/24 19:03	1
Cyclohexane	ND		1.0	0.18	ug/L			09/13/24 19:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/13/24 19:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/13/24 19:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/13/24 19:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/13/24 19:03	1
Methyl acetate	ND		2.5	1.3	ug/L			09/13/24 19:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/13/24 19:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/13/24 19:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/13/24 19:03	1
Styrene	ND		1.0	0.73	ug/L			09/13/24 19:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/13/24 19:03	1
Toluene	ND		1.0	0.51	ug/L			09/13/24 19:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/13/24 19:03	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			09/13/24 19:03	1
Trichloroethene	ND		1.0	0.46	ug/L			09/13/24 19:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/13/24 19:03	1
Vinyl chloride	16		1.0	0.90	ug/L			09/13/24 19:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/13/24 19:03	1
Total BTEX	1.0	J	2.0	1.0	ug/L			09/13/24 19:03	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-102R

Lab Sample ID: 480-223308-7

Date Collected: 09/11/24 11:00

Matrix: Water

Date Received: 09/12/24 09:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		09/13/24 19:03	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		09/13/24 19:03	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/13/24 19:03	1
Dibromofluoromethane (Surr)	98		75 - 123		09/13/24 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/12/24 13:01	09/13/24 20:06	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/12/24 13:01	09/13/24 20:06	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 20:06	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/12/24 13:01	09/13/24 20:06	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 20:06	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/12/24 13:01	09/13/24 20:06	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 20:06	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 20:06	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 20:06	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 20:06	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/12/24 13:01	09/13/24 20:06	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 20:06	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/12/24 13:01	09/13/24 20:06	1
2-Nitroaniline	ND		10	0.42	ug/L		09/12/24 13:01	09/13/24 20:06	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 20:06	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 20:06	1
3-Nitroaniline	ND		10	0.48	ug/L		09/12/24 13:01	09/13/24 20:06	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 20:06	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 20:06	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 20:06	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 20:06	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 20:06	1
4-Methylphenol	ND		10	0.36	ug/L		09/12/24 13:01	09/13/24 20:06	1
4-Nitroaniline	ND		10	0.25	ug/L		09/12/24 13:01	09/13/24 20:06	1
4-Nitrophenol	ND		10	1.5	ug/L		09/12/24 13:01	09/13/24 20:06	1
Acenaphthene	ND		5.0	0.41	ug/L		09/12/24 13:01	09/13/24 20:06	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/12/24 13:01	09/13/24 20:06	1
Acetophenone	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 20:06	1
Anthracene	ND		5.0	0.28	ug/L		09/12/24 13:01	09/13/24 20:06	1
Atrazine	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 20:06	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/12/24 13:01	09/13/24 20:06	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 20:06	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 20:06	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 20:06	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 20:06	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		09/12/24 13:01	09/13/24 20:06	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 20:06	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 20:06	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 20:06	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/12/24 13:01	09/13/24 20:06	1
Caprolactam	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 20:06	1
Carbazole	ND		5.0	0.30	ug/L		09/12/24 13:01	09/13/24 20:06	1
Chrysene	ND		5.0	0.33	ug/L		09/12/24 13:01	09/13/24 20:06	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/12/24 13:01	09/13/24 20:06	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-102R

Lab Sample ID: 480-223308-7

Date Collected: 09/11/24 11:00

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.42	J	5.0	0.31	ug/L		09/12/24 13:01	09/13/24 20:06	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 20:06	1
Dibenzofuran	ND		10	0.51	ug/L		09/12/24 13:01	09/13/24 20:06	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/12/24 13:01	09/13/24 20:06	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 20:06	1
Fluoranthene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 20:06	1
Fluorene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 20:06	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 20:06	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/12/24 13:01	09/13/24 20:06	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 20:06	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 20:06	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 20:06	1
Isophorone	ND		5.0	0.43	ug/L		09/12/24 13:01	09/13/24 20:06	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 20:06	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 20:06	1
Naphthalene	ND		5.0	0.76	ug/L		09/12/24 13:01	09/13/24 20:06	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/12/24 13:01	09/13/24 20:06	1
Pentachlorophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 20:06	1
Phenanthrene	ND		5.0	0.44	ug/L		09/12/24 13:01	09/13/24 20:06	1
Phenol	ND		5.0	0.39	ug/L		09/12/24 13:01	09/13/24 20:06	1
Pyrene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	65		29 - 129	09/12/24 13:01	09/13/24 20:06	1
Phenol-d5 (Surr)	36		10 - 120	09/12/24 13:01	09/13/24 20:06	1
p-Terphenyl-d14 (Surr)	72		33 - 132	09/12/24 13:01	09/13/24 20:06	1
2,4,6-Tribromophenol (Surr)	70		25 - 144	09/12/24 13:01	09/13/24 20:06	1
2-Fluorobiphenyl (Surr)	77		53 - 126	09/12/24 13:01	09/13/24 20:06	1
2-Fluorophenol (Surr)	54		24 - 120	09/12/24 13:01	09/13/24 20:06	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/13/24 08:39	09/18/24 18:04	1
Antimony	ND		0.020	0.0068	mg/L		09/13/24 08:39	09/18/24 18:04	1
Arsenic	ND		0.015	0.0056	mg/L		09/13/24 08:39	09/18/24 18:04	1
Barium	0.22		0.0020	0.00070	mg/L		09/13/24 08:39	09/18/24 18:04	1
Beryllium	ND		0.0020	0.00030	mg/L		09/13/24 08:39	09/18/24 18:04	1
Cadmium	ND	^+	0.0020	0.00050	mg/L		09/13/24 08:39	09/18/24 18:04	1
Calcium	126		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 18:04	1
Chromium	0.0016	J	0.0040	0.0010	mg/L		09/13/24 08:39	09/18/24 18:04	1
Cobalt	ND		0.0040	0.00063	mg/L		09/13/24 08:39	09/18/24 18:04	1
Copper	0.0055	J	0.010	0.0016	mg/L		09/13/24 08:39	09/18/24 18:04	1
Iron	2.9		0.050	0.019	mg/L		09/13/24 08:39	09/18/24 18:04	1
Lead	0.0048	J	0.010	0.0030	mg/L		09/13/24 08:39	09/18/24 18:04	1
Magnesium	19.9		0.20	0.043	mg/L		09/13/24 08:39	09/18/24 18:04	1
Manganese	1.4	B	0.0030	0.00040	mg/L		09/13/24 08:39	09/18/24 18:04	1
Nickel	0.0014	J	0.010	0.0013	mg/L		09/13/24 08:39	09/18/24 18:04	1
Potassium	5.7		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 18:04	1
Selenium	ND		0.025	0.0087	mg/L		09/13/24 08:39	09/18/24 18:04	1
Silver	ND		0.0060	0.0017	mg/L		09/13/24 08:39	09/18/24 18:04	1
Sodium	147		1.0	0.32	mg/L		09/13/24 08:39	09/18/24 18:04	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-102R

Lab Sample ID: 480-223308-7

Date Collected: 09/11/24 11:00

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.020	0.010	mg/L		09/13/24 08:39	09/18/24 18:04	1
Vanadium	ND		0.0050	0.0015	mg/L		09/13/24 08:39	09/18/24 18:04	1
Zinc	0.0075	J B	0.010	0.0015	mg/L		09/13/24 08:39	09/18/24 18:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/16/24 10:44	09/16/24 15:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			09/13/24 10:00	1

Client Sample ID: MW-103R

Lab Sample ID: 480-223308-8

Date Collected: 09/11/24 12:45

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/13/24 19:25	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/13/24 19:25	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/13/24 19:25	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/13/24 19:25	2
1,1-Dichloroethane	4.3		2.0	0.76	ug/L			09/13/24 19:25	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/13/24 19:25	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/13/24 19:25	2
1,2-Dibromo-3-Chloropropane	ND	*+	2.0	0.78	ug/L			09/13/24 19:25	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/13/24 19:25	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/13/24 19:25	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/13/24 19:25	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/13/24 19:25	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/13/24 19:25	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/13/24 19:25	2
2-Hexanone	ND		10	2.5	ug/L			09/13/24 19:25	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/13/24 19:25	2
Acetone	ND		20	6.0	ug/L			09/13/24 19:25	2
Benzene	14		2.0	0.82	ug/L			09/13/24 19:25	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/13/24 19:25	2
Bromoform	ND		2.0	0.52	ug/L			09/13/24 19:25	2
Bromomethane	ND		2.0	1.4	ug/L			09/13/24 19:25	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/13/24 19:25	2
Carbon tetrachloride	ND	*+	2.0	0.54	ug/L			09/13/24 19:25	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/13/24 19:25	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/13/24 19:25	2
Chloroethane	2.2		2.0	0.64	ug/L			09/13/24 19:25	2
Chloroform	ND		2.0	0.68	ug/L			09/13/24 19:25	2
Chloromethane	ND		2.0	0.70	ug/L			09/13/24 19:25	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/13/24 19:25	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/13/24 19:25	2
Cyclohexane	ND		2.0	0.36	ug/L			09/13/24 19:25	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/13/24 19:25	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/13/24 19:25	2

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-103R

Lab Sample ID: 480-223308-8

Date Collected: 09/11/24 12:45

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/13/24 19:25	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/13/24 19:25	2
Methyl acetate	ND		5.0	2.6	ug/L			09/13/24 19:25	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/13/24 19:25	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/13/24 19:25	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/13/24 19:25	2
Styrene	ND		2.0	1.5	ug/L			09/13/24 19:25	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/13/24 19:25	2
Toluene	ND		2.0	1.0	ug/L			09/13/24 19:25	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/13/24 19:25	2
trans-1,3-Dichloropropene	ND	+	2.0	0.74	ug/L			09/13/24 19:25	2
Trichloroethene	ND		2.0	0.92	ug/L			09/13/24 19:25	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/13/24 19:25	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/13/24 19:25	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/13/24 19:25	2
Total BTEX	14		4.0	2.0	ug/L			09/13/24 19:25	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		09/13/24 19:25	2
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		09/13/24 19:25	2
4-Bromofluorobenzene (Surr)	93		73 - 120		09/13/24 19:25	2
Dibromofluoromethane (Surr)	94		75 - 123		09/13/24 19:25	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/12/24 13:01	09/13/24 20:34	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/12/24 13:01	09/13/24 20:34	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 20:34	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/12/24 13:01	09/13/24 20:34	1
2,4-Dichlorophenol	1.0	J	5.0	0.51	ug/L		09/12/24 13:01	09/13/24 20:34	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/12/24 13:01	09/13/24 20:34	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 20:34	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 20:34	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 20:34	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 20:34	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/12/24 13:01	09/13/24 20:34	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 20:34	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/12/24 13:01	09/13/24 20:34	1
2-Nitroaniline	ND		10	0.42	ug/L		09/12/24 13:01	09/13/24 20:34	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 20:34	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 20:34	1
3-Nitroaniline	ND		10	0.48	ug/L		09/12/24 13:01	09/13/24 20:34	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 20:34	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 20:34	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 20:34	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 20:34	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 20:34	1
4-Methylphenol	ND		10	0.36	ug/L		09/12/24 13:01	09/13/24 20:34	1
4-Nitroaniline	ND		10	0.25	ug/L		09/12/24 13:01	09/13/24 20:34	1
4-Nitrophenol	ND		10	1.5	ug/L		09/12/24 13:01	09/13/24 20:34	1
Acenaphthene	ND		5.0	0.41	ug/L		09/12/24 13:01	09/13/24 20:34	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-103R

Lab Sample ID: 480-223308-8

Date Collected: 09/11/24 12:45

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		5.0	0.38	ug/L		09/12/24 13:01	09/13/24 20:34	1
Acetophenone	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 20:34	1
Anthracene	ND		5.0	0.28	ug/L		09/12/24 13:01	09/13/24 20:34	1
Atrazine	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 20:34	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/12/24 13:01	09/13/24 20:34	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 20:34	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 20:34	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 20:34	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 20:34	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		09/12/24 13:01	09/13/24 20:34	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 20:34	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 20:34	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 20:34	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/12/24 13:01	09/13/24 20:34	1
Caprolactam	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 20:34	1
Carbazole	4.8	J	5.0	0.30	ug/L		09/12/24 13:01	09/13/24 20:34	1
Chrysene	ND		5.0	0.33	ug/L		09/12/24 13:01	09/13/24 20:34	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/12/24 13:01	09/13/24 20:34	1
Di-n-butyl phthalate	0.42	J	5.0	0.31	ug/L		09/12/24 13:01	09/13/24 20:34	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 20:34	1
Dibenzofuran	ND		10	0.51	ug/L		09/12/24 13:01	09/13/24 20:34	1
Diethyl phthalate	0.30	J	5.0	0.22	ug/L		09/12/24 13:01	09/13/24 20:34	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 20:34	1
Fluoranthene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 20:34	1
Fluorene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 20:34	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 20:34	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/12/24 13:01	09/13/24 20:34	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 20:34	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 20:34	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 20:34	1
Isophorone	ND		5.0	0.43	ug/L		09/12/24 13:01	09/13/24 20:34	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 20:34	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 20:34	1
Naphthalene	ND		5.0	0.76	ug/L		09/12/24 13:01	09/13/24 20:34	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/12/24 13:01	09/13/24 20:34	1
Pentachlorophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 20:34	1
Phenanthrene	ND		5.0	0.44	ug/L		09/12/24 13:01	09/13/24 20:34	1
Phenol	0.66	J	5.0	0.39	ug/L		09/12/24 13:01	09/13/24 20:34	1
Pyrene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 20:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		29 - 129	09/12/24 13:01	09/13/24 20:34	1
Phenol-d5 (Surr)	38		10 - 120	09/12/24 13:01	09/13/24 20:34	1
p-Terphenyl-d14 (Surr)	67		33 - 132	09/12/24 13:01	09/13/24 20:34	1
2,4,6-Tribromophenol (Surr)	75		25 - 144	09/12/24 13:01	09/13/24 20:34	1
2-Fluorobiphenyl (Surr)	75		53 - 126	09/12/24 13:01	09/13/24 20:34	1
2-Fluorophenol (Surr)	57		24 - 120	09/12/24 13:01	09/13/24 20:34	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.14	J	0.20	0.060	mg/L		09/13/24 08:39	09/18/24 18:05	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: MW-103R

Lab Sample ID: 480-223308-8

Date Collected: 09/11/24 12:45

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		09/13/24 08:39	09/18/24 18:05	1
Arsenic	0.0058	J	0.015	0.0056	mg/L		09/13/24 08:39	09/18/24 18:05	1
Barium	0.26		0.0020	0.00070	mg/L		09/13/24 08:39	09/18/24 18:05	1
Beryllium	ND		0.0020	0.00030	mg/L		09/13/24 08:39	09/18/24 18:05	1
Cadmium	ND	^+	0.0020	0.00050	mg/L		09/13/24 08:39	09/18/24 18:05	1
Calcium	205		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 18:05	1
Chromium	0.0014	J	0.0040	0.0010	mg/L		09/13/24 08:39	09/18/24 18:05	1
Cobalt	ND		0.0040	0.00063	mg/L		09/13/24 08:39	09/18/24 18:05	1
Copper	0.0036	J	0.010	0.0016	mg/L		09/13/24 08:39	09/18/24 18:05	1
Iron	2.7		0.050	0.019	mg/L		09/13/24 08:39	09/18/24 18:05	1
Lead	0.0050	J	0.010	0.0030	mg/L		09/13/24 08:39	09/18/24 18:05	1
Magnesium	28.1		0.20	0.043	mg/L		09/13/24 08:39	09/18/24 18:05	1
Manganese	0.72	B	0.0030	0.00040	mg/L		09/13/24 08:39	09/18/24 18:05	1
Nickel	0.0020	J	0.010	0.0013	mg/L		09/13/24 08:39	09/18/24 18:05	1
Potassium	9.3		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 18:05	1
Selenium	ND		0.025	0.0087	mg/L		09/13/24 08:39	09/18/24 18:05	1
Silver	ND		0.0060	0.0017	mg/L		09/13/24 08:39	09/18/24 18:05	1
Sodium	448		1.0	0.32	mg/L		09/13/24 08:39	09/18/24 18:05	1
Thallium	ND		0.020	0.010	mg/L		09/13/24 08:39	09/18/24 18:05	1
Vanadium	0.0019	J	0.0050	0.0015	mg/L		09/13/24 08:39	09/18/24 18:05	1
Zinc	ND	^5-	0.050	0.0075	mg/L		09/13/24 08:39	09/19/24 13:17	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/16/24 10:44	09/16/24 15:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.015		0.010	0.0041	mg/L			09/13/24 10:03	1

Client Sample ID: Field Duplicate

Lab Sample ID: 480-223308-9

Date Collected: 09/11/24 00:00

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/13/24 19:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/13/24 19:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/13/24 19:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/13/24 19:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/13/24 19:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/13/24 19:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/13/24 19:48	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.39	ug/L			09/13/24 19:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/13/24 19:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/13/24 19:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/13/24 19:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/13/24 19:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/13/24 19:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/13/24 19:48	1
2-Hexanone	ND		5.0	1.2	ug/L			09/13/24 19:48	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: Field Duplicate

Lab Sample ID: 480-223308-9

Date Collected: 09/11/24 00:00

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/13/24 19:48	1
Acetone	ND		10	3.0	ug/L			09/13/24 19:48	1
Benzene	ND		1.0	0.41	ug/L			09/13/24 19:48	1
Bromodichloromethane	0.69	J	1.0	0.39	ug/L			09/13/24 19:48	1
Bromoform	ND		1.0	0.26	ug/L			09/13/24 19:48	1
Bromomethane	ND		1.0	0.69	ug/L			09/13/24 19:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/13/24 19:48	1
Carbon tetrachloride	ND	*+	1.0	0.27	ug/L			09/13/24 19:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/13/24 19:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/13/24 19:48	1
Chloroethane	ND		1.0	0.32	ug/L			09/13/24 19:48	1
Chloroform	34		1.0	0.34	ug/L			09/13/24 19:48	1
Chloromethane	ND		1.0	0.35	ug/L			09/13/24 19:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/13/24 19:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/13/24 19:48	1
Cyclohexane	ND		1.0	0.18	ug/L			09/13/24 19:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/13/24 19:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/13/24 19:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/13/24 19:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/13/24 19:48	1
Methyl acetate	ND		2.5	1.3	ug/L			09/13/24 19:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/13/24 19:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/13/24 19:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/13/24 19:48	1
Styrene	ND		1.0	0.73	ug/L			09/13/24 19:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/13/24 19:48	1
Toluene	ND		1.0	0.51	ug/L			09/13/24 19:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/13/24 19:48	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			09/13/24 19:48	1
Trichloroethene	ND		1.0	0.46	ug/L			09/13/24 19:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/13/24 19:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/13/24 19:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/13/24 19:48	1
Total BTEX	ND		2.0	1.0	ug/L			09/13/24 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		09/13/24 19:48	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		09/13/24 19:48	1
4-Bromofluorobenzene (Surr)	98		73 - 120		09/13/24 19:48	1
Dibromofluoromethane (Surr)	102		75 - 123		09/13/24 19:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/12/24 13:01	09/13/24 21:01	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/12/24 13:01	09/13/24 21:01	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 21:01	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/12/24 13:01	09/13/24 21:01	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 21:01	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/12/24 13:01	09/13/24 21:01	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 21:01	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 21:01	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: Field Duplicate

Lab Sample ID: 480-223308-9

Date Collected: 09/11/24 00:00

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 21:01	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 21:01	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/12/24 13:01	09/13/24 21:01	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 21:01	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/12/24 13:01	09/13/24 21:01	1
2-Nitroaniline	ND		10	0.42	ug/L		09/12/24 13:01	09/13/24 21:01	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 21:01	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 21:01	1
3-Nitroaniline	ND		10	0.48	ug/L		09/12/24 13:01	09/13/24 21:01	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 21:01	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 21:01	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 21:01	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 21:01	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 21:01	1
4-Methylphenol	ND		10	0.36	ug/L		09/12/24 13:01	09/13/24 21:01	1
4-Nitroaniline	ND		10	0.25	ug/L		09/12/24 13:01	09/13/24 21:01	1
4-Nitrophenol	ND		10	1.5	ug/L		09/12/24 13:01	09/13/24 21:01	1
Acenaphthene	ND		5.0	0.41	ug/L		09/12/24 13:01	09/13/24 21:01	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/12/24 13:01	09/13/24 21:01	1
Acetophenone	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 21:01	1
Anthracene	ND		5.0	0.28	ug/L		09/12/24 13:01	09/13/24 21:01	1
Atrazine	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 21:01	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/12/24 13:01	09/13/24 21:01	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 21:01	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 21:01	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 21:01	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 21:01	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		09/12/24 13:01	09/13/24 21:01	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 21:01	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 21:01	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 21:01	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/12/24 13:01	09/13/24 21:01	1
Caprolactam	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 21:01	1
Carbazole	ND		5.0	0.30	ug/L		09/12/24 13:01	09/13/24 21:01	1
Chrysene	ND		5.0	0.33	ug/L		09/12/24 13:01	09/13/24 21:01	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/12/24 13:01	09/13/24 21:01	1
Di-n-butyl phthalate	0.41	J	5.0	0.31	ug/L		09/12/24 13:01	09/13/24 21:01	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 21:01	1
Dibenzofuran	ND		10	0.51	ug/L		09/12/24 13:01	09/13/24 21:01	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/12/24 13:01	09/13/24 21:01	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 21:01	1
Fluoranthene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 21:01	1
Fluorene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 21:01	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 21:01	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/12/24 13:01	09/13/24 21:01	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 21:01	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 21:01	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 21:01	1
Isophorone	ND		5.0	0.43	ug/L		09/12/24 13:01	09/13/24 21:01	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 21:01	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: Field Duplicate

Lab Sample ID: 480-223308-9

Date Collected: 09/11/24 00:00

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 21:01	1
Naphthalene	ND		5.0	0.76	ug/L		09/12/24 13:01	09/13/24 21:01	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/12/24 13:01	09/13/24 21:01	1
Pentachlorophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 21:01	1
Phenanthrene	ND		5.0	0.44	ug/L		09/12/24 13:01	09/13/24 21:01	1
Phenol	ND		5.0	0.39	ug/L		09/12/24 13:01	09/13/24 21:01	1
Pyrene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 21:01	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		29 - 129				09/12/24 13:01	09/13/24 21:01	1
Phenol-d5 (Surr)	37		10 - 120				09/12/24 13:01	09/13/24 21:01	1
p-Terphenyl-d14 (Surr)	93		33 - 132				09/12/24 13:01	09/13/24 21:01	1
2,4,6-Tribromophenol (Surr)	68		25 - 144				09/12/24 13:01	09/13/24 21:01	1
2-Fluorobiphenyl (Surr)	76		53 - 126				09/12/24 13:01	09/13/24 21:01	1
2-Fluorophenol (Surr)	54		24 - 120				09/12/24 13:01	09/13/24 21:01	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/13/24 08:39	09/18/24 18:07	1
Antimony	0.0083	J	0.020	0.0068	mg/L		09/13/24 08:39	09/18/24 18:07	1
Arsenic	ND		0.015	0.0056	mg/L		09/13/24 08:39	09/18/24 18:07	1
Barium	0.015		0.0020	0.00070	mg/L		09/13/24 08:39	09/18/24 18:07	1
Beryllium	ND		0.0020	0.00030	mg/L		09/13/24 08:39	09/18/24 18:07	1
Cadmium	ND	^+	0.0020	0.00050	mg/L		09/13/24 08:39	09/18/24 18:07	1
Calcium	46.5		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 18:07	1
Chromium	ND		0.0040	0.0010	mg/L		09/13/24 08:39	09/18/24 18:07	1
Cobalt	ND		0.0040	0.00063	mg/L		09/13/24 08:39	09/18/24 18:07	1
Copper	0.0033	J	0.010	0.0016	mg/L		09/13/24 08:39	09/18/24 18:07	1
Iron	ND		0.050	0.019	mg/L		09/13/24 08:39	09/18/24 18:07	1
Lead	0.0067	J	0.010	0.0030	mg/L		09/13/24 08:39	09/18/24 18:07	1
Magnesium	7.3		0.20	0.043	mg/L		09/13/24 08:39	09/18/24 18:07	1
Manganese	0.00051	J B	0.0030	0.00040	mg/L		09/13/24 08:39	09/18/24 18:07	1
Nickel	ND		0.010	0.0013	mg/L		09/13/24 08:39	09/18/24 18:07	1
Potassium	0.63		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 18:07	1
Selenium	ND		0.025	0.0087	mg/L		09/13/24 08:39	09/18/24 18:07	1
Silver	ND		0.0060	0.0017	mg/L		09/13/24 08:39	09/18/24 18:07	1
Sodium	8.3		1.0	0.32	mg/L		09/13/24 08:39	09/18/24 18:07	1
Thallium	ND		0.020	0.010	mg/L		09/13/24 08:39	09/18/24 18:07	1
Vanadium	ND		0.0050	0.0015	mg/L		09/13/24 08:39	09/18/24 18:07	1
Zinc	0.0066	J B	0.010	0.0015	mg/L		09/13/24 08:39	09/18/24 18:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/16/24 10:44	09/16/24 15:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			09/13/24 10:07	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-223308-10

Date Collected: 09/11/24 13:45

Matrix: Water

Date Received: 09/12/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/13/24 20:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/13/24 20:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/13/24 20:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/13/24 20:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/13/24 20:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/13/24 20:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/13/24 20:10	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.39	ug/L			09/13/24 20:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/13/24 20:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/13/24 20:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/13/24 20:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/13/24 20:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/13/24 20:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/13/24 20:10	1
2-Hexanone	ND		5.0	1.2	ug/L			09/13/24 20:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/13/24 20:10	1
Acetone	ND		10	3.0	ug/L			09/13/24 20:10	1
Benzene	ND		1.0	0.41	ug/L			09/13/24 20:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/13/24 20:10	1
Bromoform	ND		1.0	0.26	ug/L			09/13/24 20:10	1
Bromomethane	ND		1.0	0.69	ug/L			09/13/24 20:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/13/24 20:10	1
Carbon tetrachloride	ND	*+	1.0	0.27	ug/L			09/13/24 20:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/13/24 20:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/13/24 20:10	1
Chloroethane	ND		1.0	0.32	ug/L			09/13/24 20:10	1
Chloroform	ND		1.0	0.34	ug/L			09/13/24 20:10	1
Chloromethane	ND		1.0	0.35	ug/L			09/13/24 20:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/13/24 20:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/13/24 20:10	1
Cyclohexane	ND		1.0	0.18	ug/L			09/13/24 20:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/13/24 20:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/13/24 20:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/13/24 20:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/13/24 20:10	1
Methyl acetate	ND		2.5	1.3	ug/L			09/13/24 20:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/13/24 20:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/13/24 20:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/13/24 20:10	1
Styrene	ND		1.0	0.73	ug/L			09/13/24 20:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/13/24 20:10	1
Toluene	ND		1.0	0.51	ug/L			09/13/24 20:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/13/24 20:10	1
trans-1,3-Dichloropropene	ND	*+	1.0	0.37	ug/L			09/13/24 20:10	1
Trichloroethene	ND		1.0	0.46	ug/L			09/13/24 20:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/13/24 20:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/13/24 20:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/13/24 20:10	1
Total BTEX	ND		2.0	1.0	ug/L			09/13/24 20:10	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-223308-10

Date Collected: 09/11/24 13:45

Matrix: Water

Date Received: 09/12/24 09:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		09/13/24 20:10	1
1,2-Dichloroethane-d4 (Surr)	94		77 - 120		09/13/24 20:10	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/13/24 20:10	1
Dibromofluoromethane (Surr)	94		75 - 123		09/13/24 20:10	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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)
480-223308-1	B-MW-3	103	98	97	101
480-223308-2	FW-MW-1	101	98	95	92
480-223308-3	FW-MW-2	103	99	99	95
480-223308-4	FW-MW-3	101	100	95	106
480-223308-5	FW-MW-5	103	99	96	103
480-223308-6	MW-101RD	95	98	97	95
480-223308-6 MS	MW-101RD-MS	96	93	97	92
480-223308-6 MSD	MW-101RD-MSD	98	96	98	90
480-223308-7	MW-102R	102	100	94	98
480-223308-8	MW-103R	102	99	93	94
480-223308-9	Field Duplicate	102	98	98	102
480-223308-10	Trip Blank	98	94	95	94
LCS 480-725032/6	Lab Control Sample	99	98	95	94
LCS 480-725177/6	Lab Control Sample	98	97	96	91
MB 480-725032/8	Method Blank	101	99	95	95
MB 480-725177/8	Method Blank	98	97	95	99

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)					
		NBZ (29-129)	PHL (10-120)	TPHd14 (33-132)	TBP (25-144)	FBP (53-126)	2FP (24-120)
480-223308-1	B-MW-3	66	36	85	70	75	55
480-223308-2	FW-MW-1	58	38	79	70	70	53
480-223308-3	FW-MW-2	64	39	81	79	73	56
480-223308-4	FW-MW-3	65	37	91	77	75	54
480-223308-5	FW-MW-5	65	38	78	67	76	55
480-223308-6	MW-101RD	71	41	86	83	79	61
480-223308-6 MS	MW-101RD-MS	76	46	62	83	83	61
480-223308-6 MSD	MW-101RD-MSD	75	43	69	88	79	58
480-223308-7	MW-102R	65	36	72	70	77	54
480-223308-8	MW-103R	70	38	67	75	75	57
480-223308-9	Field Duplicate	70	37	93	68	76	54
LCS 480-724913/2-A	Lab Control Sample	75	46	91	81	82	62
MB 480-724913/1-A	Method Blank	71	42	105	71	84	61

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl (Surr)

2FP = 2-Fluorophenol (Surr)

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: MB 480-725032/8

Matrix: Water

Analysis Batch: 725032

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/13/24 12:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/13/24 12:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/13/24 12:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/13/24 12:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/13/24 12:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/13/24 12:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/13/24 12:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/13/24 12:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/13/24 12:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/13/24 12:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/13/24 12:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/13/24 12:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/13/24 12:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/13/24 12:20	1
2-Hexanone	ND		5.0	1.2	ug/L			09/13/24 12:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/13/24 12:20	1
Acetone	ND		10	3.0	ug/L			09/13/24 12:20	1
Benzene	ND		1.0	0.41	ug/L			09/13/24 12:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/13/24 12:20	1
Bromoform	ND		1.0	0.26	ug/L			09/13/24 12:20	1
Bromomethane	ND		1.0	0.69	ug/L			09/13/24 12:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/13/24 12:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/13/24 12:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/13/24 12:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/13/24 12:20	1
Chloroethane	ND		1.0	0.32	ug/L			09/13/24 12:20	1
Chloroform	ND		1.0	0.34	ug/L			09/13/24 12:20	1
Chloromethane	ND		1.0	0.35	ug/L			09/13/24 12:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/13/24 12:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/13/24 12:20	1
Cyclohexane	ND		1.0	0.18	ug/L			09/13/24 12:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/13/24 12:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/13/24 12:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/13/24 12:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/13/24 12:20	1
Methyl acetate	ND		2.5	1.3	ug/L			09/13/24 12:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/13/24 12:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/13/24 12:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/13/24 12:20	1
Styrene	ND		1.0	0.73	ug/L			09/13/24 12:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/13/24 12:20	1
Toluene	ND		1.0	0.51	ug/L			09/13/24 12:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/13/24 12:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/13/24 12:20	1
Trichloroethene	ND		1.0	0.46	ug/L			09/13/24 12:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/13/24 12:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/13/24 12:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/13/24 12:20	1
Total BTEX	ND		2.0	1.0	ug/L			09/13/24 12:20	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: MB 480-725032/8

Matrix: Water

Analysis Batch: 725032

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		09/13/24 12:20	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		09/13/24 12:20	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/13/24 12:20	1
Dibromofluoromethane (Surr)	95		75 - 123		09/13/24 12:20	1

Lab Sample ID: LCS 480-725032/6

Matrix: Water

Analysis Batch: 725032

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	28.2		ug/L		113	73 - 126
1,1,1,2,2-Tetrachloroethane	25.0	25.7		ug/L		103	76 - 120
1,1,1,2-Trichloroethane	25.0	25.9		ug/L		104	76 - 122
1,1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.0		ug/L		96	61 - 148
1,1-Dichloroethane	25.0	23.3		ug/L		93	77 - 120
1,1-Dichloroethene	25.0	22.0		ug/L		88	66 - 127
1,2,4-Trichlorobenzene	25.0	25.7		ug/L		103	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	39.3	*+	ug/L		157	56 - 134
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	24.3		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	24.5		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 120
2-Butanone (MEK)	125	136		ug/L		109	57 - 140
2-Hexanone	125	129		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		100	71 - 125
Acetone	125	131		ug/L		105	56 - 142
Benzene	25.0	23.8		ug/L		95	71 - 124
Bromodichloromethane	25.0	27.3		ug/L		109	80 - 122
Bromoform	25.0	27.2		ug/L		109	61 - 132
Bromomethane	25.0	23.6		ug/L		94	55 - 144
Carbon disulfide	25.0	22.1		ug/L		88	59 - 134
Carbon tetrachloride	25.0	37.3	*+	ug/L		149	72 - 134
Chlorobenzene	25.0	24.8		ug/L		99	80 - 120
Dibromochloromethane	25.0	30.9		ug/L		124	75 - 125
Chloroethane	25.0	21.3		ug/L		85	69 - 136
Chloroform	25.0	22.6		ug/L		90	73 - 127
Chloromethane	25.0	21.0		ug/L		84	68 - 124
cis-1,2-Dichloroethene	25.0	22.5		ug/L		90	74 - 124
cis-1,3-Dichloropropene	25.0	28.2		ug/L		113	74 - 124
Cyclohexane	25.0	23.1		ug/L		93	59 - 135
Dichlorodifluoromethane	25.0	19.8		ug/L		79	59 - 135
Ethylbenzene	25.0	25.1		ug/L		100	77 - 123
1,2-Dibromoethane	25.0	29.0		ug/L		116	77 - 120
Isopropylbenzene	25.0	24.6		ug/L		98	77 - 122
Methyl acetate	50.0	46.6		ug/L		93	74 - 133
Methyl tert-butyl ether	25.0	21.9		ug/L		88	77 - 120
Methylcyclohexane	25.0	23.8		ug/L		95	68 - 134
Methylene Chloride	25.0	23.3		ug/L		93	75 - 124

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: LCS 480-725032/6

Matrix: Water

Analysis Batch: 725032

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	25.0	24.7		ug/L		99	80 - 120
Tetrachloroethene	25.0	25.9		ug/L		104	74 - 122
Toluene	25.0	25.1		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	32.8	*+	ug/L		131	80 - 120
Trichloroethene	25.0	24.7		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	26.8		ug/L		107	62 - 150
Vinyl chloride	25.0	22.4		ug/L		89	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Dibromofluoromethane (Surr)	94		75 - 123

Lab Sample ID: MB 480-725177/8

Matrix: Water

Analysis Batch: 725177

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/16/24 12:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/16/24 12:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/16/24 12:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/16/24 12:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/16/24 12:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/16/24 12:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/16/24 12:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/16/24 12:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/16/24 12:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/16/24 12:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/16/24 12:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/16/24 12:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/16/24 12:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/16/24 12:04	1
2-Hexanone	ND		5.0	1.2	ug/L			09/16/24 12:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/16/24 12:04	1
Acetone	ND		10	3.0	ug/L			09/16/24 12:04	1
Benzene	ND		1.0	0.41	ug/L			09/16/24 12:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/16/24 12:04	1
Bromoform	ND		1.0	0.26	ug/L			09/16/24 12:04	1
Bromomethane	ND		1.0	0.69	ug/L			09/16/24 12:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/16/24 12:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/16/24 12:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/16/24 12:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/16/24 12:04	1
Chloroethane	ND		1.0	0.32	ug/L			09/16/24 12:04	1
Chloroform	ND		1.0	0.34	ug/L			09/16/24 12:04	1
Chloromethane	ND		1.0	0.35	ug/L			09/16/24 12:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/16/24 12:04	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: MB 480-725177/8

Matrix: Water

Analysis Batch: 725177

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/16/24 12:04	1
Cyclohexane	ND		1.0	0.18	ug/L			09/16/24 12:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/16/24 12:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/16/24 12:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/16/24 12:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/16/24 12:04	1
Methyl acetate	ND		2.5	1.3	ug/L			09/16/24 12:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/16/24 12:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/16/24 12:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/16/24 12:04	1
Styrene	ND		1.0	0.73	ug/L			09/16/24 12:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/16/24 12:04	1
Toluene	ND		1.0	0.51	ug/L			09/16/24 12:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/16/24 12:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/16/24 12:04	1
Trichloroethene	ND		1.0	0.46	ug/L			09/16/24 12:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/16/24 12:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/16/24 12:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/16/24 12:04	1
Total BTEX	ND		2.0	1.0	ug/L			09/16/24 12:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		09/16/24 12:04	1
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		09/16/24 12:04	1
4-Bromofluorobenzene (Surr)	95		73 - 120		09/16/24 12:04	1
Dibromofluoromethane (Surr)	99		75 - 123		09/16/24 12:04	1

Lab Sample ID: LCS 480-725177/6

Matrix: Water

Analysis Batch: 725177

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	29.4		ug/L		118	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.3		ug/L		97	76 - 120
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.0		ug/L		100	61 - 148
1,1-Dichloroethane	25.0	23.5		ug/L		94	77 - 120
1,1-Dichloroethene	25.0	23.0		ug/L		92	66 - 127
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	39.0	*+	ug/L		156	56 - 134
1,2-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	24.3		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
2-Butanone (MEK)	125	124		ug/L		99	57 - 140
2-Hexanone	125	118		ug/L		94	65 - 127
4-Methyl-2-pentanone (MIBK)	125	120		ug/L		96	71 - 125
Acetone	125	120		ug/L		96	56 - 142

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: LCS 480-725177/6

Matrix: Water

Analysis Batch: 725177

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	25.0	23.5		ug/L		94	71 - 124
Bromodichloromethane	25.0	27.4		ug/L		109	80 - 122
Bromoform	25.0	31.5		ug/L		126	61 - 132
Bromomethane	25.0	23.1		ug/L		92	55 - 144
Carbon disulfide	25.0	22.8		ug/L		91	59 - 134
Carbon tetrachloride	25.0	41.0	*+	ug/L		164	72 - 134
Chlorobenzene	25.0	23.8		ug/L		95	80 - 120
Dibromochloromethane	25.0	33.4	*+	ug/L		134	75 - 125
Chloroethane	25.0	21.3		ug/L		85	69 - 136
Chloroform	25.0	22.6		ug/L		91	73 - 127
Chloromethane	25.0	20.2		ug/L		81	68 - 124
cis-1,2-Dichloroethene	25.0	22.9		ug/L		92	74 - 124
cis-1,3-Dichloropropene	25.0	28.6		ug/L		114	74 - 124
Cyclohexane	25.0	23.2		ug/L		93	59 - 135
Dichlorodifluoromethane	25.0	18.0		ug/L		72	59 - 135
Ethylbenzene	25.0	24.4		ug/L		98	77 - 123
1,2-Dibromoethane	25.0	27.3		ug/L		109	77 - 120
Isopropylbenzene	25.0	24.0		ug/L		96	77 - 122
Methyl acetate	50.0	45.2		ug/L		90	74 - 133
Methyl tert-butyl ether	25.0	22.4		ug/L		89	77 - 120
Methylcyclohexane	25.0	23.9		ug/L		96	68 - 134
Methylene Chloride	25.0	23.3		ug/L		93	75 - 124
Styrene	25.0	24.3		ug/L		97	80 - 120
Tetrachloroethene	25.0	25.7		ug/L		103	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	22.7		ug/L		91	73 - 127
trans-1,3-Dichloropropene	25.0	32.1	*+	ug/L		128	80 - 120
Trichloroethene	25.0	24.5		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	26.8		ug/L		107	62 - 150
Vinyl chloride	25.0	21.7		ug/L		87	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120
1,2-Dichloroethane-d4 (Surr)	97		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Dibromofluoromethane (Surr)	91		75 - 123

Lab Sample ID: 480-223308-6 MS

Matrix: Water

Analysis Batch: 725177

Client Sample ID: MW-101RD-MS

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	69		1010	1170		ug/L		109	73 - 126
1,1,2,2-Tetrachloroethane	ND		1010	1000		ug/L		99	76 - 120
1,1,2-Trichloroethane	ND		1010	971		ug/L		96	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1010	880		ug/L		87	61 - 148
1,1-Dichloroethane	98		1010	986		ug/L		88	77 - 120
1,1-Dichloroethene	19 J		1010	902		ug/L		88	66 - 127
1,2,4-Trichlorobenzene	ND		1010	1040		ug/L		103	79 - 122

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: 480-223308-6 MS

Matrix: Water

Analysis Batch: 725177

Client Sample ID: MW-101RD-MS

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	ND	*+ F1	1010	1560	F1	ug/L		155	56 - 134
1,2-Dichlorobenzene	ND		1010	956		ug/L		95	80 - 124
1,2-Dichloroethane	ND		1010	942		ug/L		93	75 - 120
1,2-Dichloropropane	ND		1010	908		ug/L		90	76 - 120
1,3-Dichlorobenzene	ND		1010	927		ug/L		92	77 - 120
1,4-Dichlorobenzene	ND		1010	916		ug/L		91	78 - 124
2-Butanone (MEK)	ND		5040	5080		ug/L		101	57 - 140
2-Hexanone	ND		5040	4940		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		5040	4960		ug/L		98	71 - 125
Acetone	ND		5040	4680		ug/L		93	56 - 142
Benzene	ND		1010	911		ug/L		90	71 - 124
Bromodichloromethane	ND		1010	1010		ug/L		101	80 - 122
Bromoform	ND		1010	995		ug/L		99	61 - 132
Bromomethane	ND		1010	1020		ug/L		102	55 - 144
Carbon disulfide	ND		1010	847		ug/L		84	59 - 134
Carbon tetrachloride	ND	*+ F1	1010	1490	F1	ug/L		148	72 - 134
Chlorobenzene	ND		1010	928		ug/L		92	80 - 120
Dibromochloromethane	ND	*+	1010	1130		ug/L		112	75 - 125
Chloroethane	ND		1010	892		ug/L		89	69 - 136
Chloroform	ND		1010	885		ug/L		88	73 - 127
Chloromethane	ND		1010	924		ug/L		92	68 - 124
cis-1,2-Dichloroethene	1700	F1	1010	2090	F1	ug/L		42	74 - 124
cis-1,3-Dichloropropene	ND		1010	1020		ug/L		101	74 - 124
Cyclohexane	ND		1010	878		ug/L		87	59 - 135
Dichlorodifluoromethane	ND		1010	989		ug/L		98	59 - 135
Ethylbenzene	ND		1010	938		ug/L		93	77 - 123
1,2-Dibromoethane	ND		1010	1080		ug/L		107	77 - 120
Isopropylbenzene	ND		1010	940		ug/L		93	77 - 122
Methyl acetate	ND		2020	1890		ug/L		94	74 - 133
Methyl tert-butyl ether	ND		1010	868		ug/L		86	77 - 120
Methylcyclohexane	ND		1010	921		ug/L		91	68 - 134
Methylene Chloride	ND		1010	937		ug/L		93	75 - 124
Styrene	ND		1010	909		ug/L		90	80 - 120
Tetrachloroethene	ND		1010	974		ug/L		97	74 - 122
Toluene	ND		1010	947		ug/L		94	80 - 122
trans-1,2-Dichloroethene	ND		1010	866		ug/L		86	73 - 127
trans-1,3-Dichloropropene	ND	*+	1010	1170		ug/L		116	80 - 120
Trichloroethene	ND		1010	909		ug/L		90	74 - 123
Trichlorofluoromethane	ND		1010	1130		ug/L		112	62 - 150
Vinyl chloride	200		1010	1100		ug/L		89	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	96		80 - 120
1,2-Dichloroethane-d4 (Surr)	93		77 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Dibromofluoromethane (Surr)	92		75 - 123

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: 480-223308-6 MSD

Matrix: Water

Analysis Batch: 725177

Client Sample ID: MW-101RD-MSD

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	69		1010	1180		ug/L		111	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		1010	960		ug/L		95	76 - 120	4	15
1,1,2-Trichloroethane	ND		1010	974		ug/L		97	76 - 122	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1010	916		ug/L		91	61 - 148	4	20
1,1-Dichloroethane	98		1010	984		ug/L		88	77 - 120	0	20
1,1-Dichloroethene	19	J	1010	905		ug/L		88	66 - 127	0	16
1,2,4-Trichlorobenzene	ND		1010	1000		ug/L		100	79 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND	*+ F1	1010	1550	F1	ug/L		154	56 - 134	1	15
1,2-Dichlorobenzene	ND		1010	954		ug/L		95	80 - 124	0	20
1,2-Dichloroethane	ND		1010	955		ug/L		95	75 - 120	1	20
1,2-Dichloropropane	ND		1010	958		ug/L		95	76 - 120	5	20
1,3-Dichlorobenzene	ND		1010	927		ug/L		92	77 - 120	0	20
1,4-Dichlorobenzene	ND		1010	926		ug/L		92	78 - 124	1	20
2-Butanone (MEK)	ND		5040	5180		ug/L		103	57 - 140	2	20
2-Hexanone	ND		5040	4940		ug/L		98	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND		5040	4980		ug/L		99	71 - 125	0	35
Acetone	ND		5040	4710		ug/L		93	56 - 142	1	15
Benzene	ND		1010	928		ug/L		92	71 - 124	2	13
Bromodichloromethane	ND		1010	1070		ug/L		106	80 - 122	5	15
Bromoform	ND		1010	1070		ug/L		106	61 - 132	7	15
Bromomethane	ND		1010	1040		ug/L		103	55 - 144	2	15
Carbon disulfide	ND		1010	845		ug/L		84	59 - 134	0	15
Carbon tetrachloride	ND	*+ F1	1010	1500	F1	ug/L		149	72 - 134	1	15
Chlorobenzene	ND		1010	931		ug/L		92	80 - 120	0	25
Dibromochloromethane	ND	*+	1010	1220		ug/L		121	75 - 125	8	15
Chloroethane	ND		1010	895		ug/L		89	69 - 136	0	15
Chloroform	ND		1010	883		ug/L		88	73 - 127	0	20
Chloromethane	ND		1010	934		ug/L		93	68 - 124	1	15
cis-1,2-Dichloroethene	1700	F1	1010	2040	F1	ug/L		38	74 - 124	2	15
cis-1,3-Dichloropropene	ND		1010	1060		ug/L		105	74 - 124	4	15
Cyclohexane	ND		1010	899		ug/L		89	59 - 135	2	20
Dichlorodifluoromethane	ND		1010	966		ug/L		96	59 - 135	2	20
Ethylbenzene	ND		1010	961		ug/L		95	77 - 123	2	15
1,2-Dibromoethane	ND		1010	1070		ug/L		106	77 - 120	1	15
Isopropylbenzene	ND		1010	955		ug/L		95	77 - 122	2	20
Methyl acetate	ND		2020	1860		ug/L		92	74 - 133	2	20
Methyl tert-butyl ether	ND		1010	865		ug/L		86	77 - 120	0	37
Methylcyclohexane	ND		1010	918		ug/L		91	68 - 134	0	20
Methylene Chloride	ND		1010	900		ug/L		89	75 - 124	4	15
Styrene	ND		1010	933		ug/L		93	80 - 120	3	20
Tetrachloroethene	ND		1010	989		ug/L		98	74 - 122	1	20
Toluene	ND		1010	961		ug/L		95	80 - 122	1	15
trans-1,2-Dichloroethene	ND		1010	882		ug/L		87	73 - 127	2	20
trans-1,3-Dichloropropene	ND	*+	1010	1210		ug/L		120	80 - 120	4	15
Trichloroethene	ND		1010	975		ug/L		97	74 - 123	7	16
Trichlorofluoromethane	ND		1010	1180		ug/L		117	62 - 150	4	20
Vinyl chloride	200		1010	1110		ug/L		90	65 - 133	1	15

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: 480-223308-6 MSD

Matrix: Water

Analysis Batch: 725177

Client Sample ID: MW-101RD-MSD

Prep Type: Total/NA

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

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

Lab Sample ID: MB 480-724913/1-A

Matrix: Water

Analysis Batch: 725010

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 724913

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Biphenyl	ND		5.0	0.65	ug/L		09/12/24 13:01	09/13/24 12:19	1	
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2-Chlorophenol	ND		5.0	0.53	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2-Methylphenol	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2-Nitroaniline	ND		10	0.42	ug/L		09/12/24 13:01	09/13/24 12:19	1	
2-Nitrophenol	ND		5.0	0.48	ug/L		09/12/24 13:01	09/13/24 12:19	1	
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 12:19	1	
3-Nitroaniline	ND		10	0.48	ug/L		09/12/24 13:01	09/13/24 12:19	1	
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 12:19	1	
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 12:19	1	
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/12/24 13:01	09/13/24 12:19	1	
4-Chloroaniline	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 12:19	1	
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 12:19	1	
4-Methylphenol	ND		10	0.36	ug/L		09/12/24 13:01	09/13/24 12:19	1	
4-Nitroaniline	ND		10	0.25	ug/L		09/12/24 13:01	09/13/24 12:19	1	
4-Nitrophenol	ND		10	1.5	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Acenaphthene	ND		5.0	0.41	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Acenaphthylene	ND		5.0	0.38	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Acetophenone	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Anthracene	ND		5.0	0.28	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Atrazine	ND		5.0	0.46	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Benzaldehyde	ND		5.0	0.27	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Benzo[a]anthracene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Benzo[a]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/12/24 13:01	09/13/24 12:19	1	
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 12:19	1	

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: MB 480-724913/1-A

Matrix: Water

Analysis Batch: 725010

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 724913

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 12:19	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/12/24 13:01	09/13/24 12:19	1
Caprolactam	ND		5.0	2.2	ug/L		09/12/24 13:01	09/13/24 12:19	1
Carbazole	ND		5.0	0.30	ug/L		09/12/24 13:01	09/13/24 12:19	1
Chrysene	ND		5.0	0.33	ug/L		09/12/24 13:01	09/13/24 12:19	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/12/24 13:01	09/13/24 12:19	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/12/24 13:01	09/13/24 12:19	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 12:19	1
Dibenzofuran	ND		10	0.51	ug/L		09/12/24 13:01	09/13/24 12:19	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/12/24 13:01	09/13/24 12:19	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 12:19	1
Fluoranthene	ND		5.0	0.40	ug/L		09/12/24 13:01	09/13/24 12:19	1
Fluorene	ND		5.0	0.36	ug/L		09/12/24 13:01	09/13/24 12:19	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 12:19	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/12/24 13:01	09/13/24 12:19	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 12:19	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/12/24 13:01	09/13/24 12:19	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		09/12/24 13:01	09/13/24 12:19	1
Isophorone	ND		5.0	0.43	ug/L		09/12/24 13:01	09/13/24 12:19	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/12/24 13:01	09/13/24 12:19	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/12/24 13:01	09/13/24 12:19	1
Naphthalene	ND		5.0	0.76	ug/L		09/12/24 13:01	09/13/24 12:19	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/12/24 13:01	09/13/24 12:19	1
Pentachlorophenol	ND		10	2.2	ug/L		09/12/24 13:01	09/13/24 12:19	1
Phenanthrene	ND		5.0	0.44	ug/L		09/12/24 13:01	09/13/24 12:19	1
Phenol	ND		5.0	0.39	ug/L		09/12/24 13:01	09/13/24 12:19	1
Pyrene	ND		5.0	0.34	ug/L		09/12/24 13:01	09/13/24 12:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	71		29 - 129	09/12/24 13:01	09/13/24 12:19	1
Phenol-d5 (Surr)	42		10 - 120	09/12/24 13:01	09/13/24 12:19	1
p-Terphenyl-d14 (Surr)	105		33 - 132	09/12/24 13:01	09/13/24 12:19	1
2,4,6-Tribromophenol (Surr)	71		25 - 144	09/12/24 13:01	09/13/24 12:19	1
2-Fluorobiphenyl (Surr)	84		53 - 126	09/12/24 13:01	09/13/24 12:19	1
2-Fluorophenol (Surr)	61		24 - 120	09/12/24 13:01	09/13/24 12:19	1

Lab Sample ID: LCS 480-724913/2-A

Matrix: Water

Analysis Batch: 725010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 724913

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	32.0	25.8		ug/L		81	59 - 120
bis (2-chloroisopropyl) ether	32.0	24.3		ug/L		76	21 - 136
2,4,5-Trichlorophenol	32.0	27.9		ug/L		87	65 - 126
2,4,6-Trichlorophenol	32.0	26.1		ug/L		82	64 - 120
2,4-Dichlorophenol	32.0	25.4		ug/L		79	63 - 120
2,4-Dimethylphenol	32.0	24.6		ug/L		77	47 - 120
2,4-Dinitrophenol	64.0	60.1		ug/L		94	31 - 137
2,4-Dinitrotoluene	32.0	29.6		ug/L		93	69 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: LCS 480-724913/2-A

Matrix: Water

Analysis Batch: 725010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 724913

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,6-Dinitrotoluene	32.0	30.2		ug/L		94	68 - 120
2-Chloronaphthalene	32.0	25.1		ug/L		78	58 - 120
2-Chlorophenol	32.0	24.2		ug/L		75	48 - 120
2-Methylphenol	32.0	23.7		ug/L		74	39 - 120
2-Methylnaphthalene	32.0	24.0		ug/L		75	59 - 120
2-Nitroaniline	32.0	26.9		ug/L		84	54 - 127
2-Nitrophenol	32.0	25.2		ug/L		79	52 - 125
3,3'-Dichlorobenzidine	32.0	28.8		ug/L		90	49 - 135
3-Nitroaniline	32.0	22.7		ug/L		71	51 - 120
4,6-Dinitro-2-methylphenol	64.0	60.4		ug/L		94	46 - 136
4-Bromophenyl phenyl ether	32.0	26.4		ug/L		82	65 - 120
4-Chloro-3-methylphenol	32.0	25.3		ug/L		79	61 - 123
4-Chloroaniline	32.0	20.1		ug/L		63	30 - 120
4-Chlorophenyl phenyl ether	32.0	27.8		ug/L		87	62 - 120
4-Methylphenol	32.0	24.5		ug/L		77	29 - 131
4-Nitroaniline	32.0	28.9		ug/L		90	65 - 120
4-Nitrophenol	64.0	46.0		ug/L		72	45 - 120
Acenaphthene	32.0	27.3		ug/L		85	60 - 120
Acenaphthylene	32.0	28.1		ug/L		88	63 - 120
Acetophenone	32.0	26.3		ug/L		82	45 - 120
Anthracene	32.0	30.1		ug/L		94	67 - 120
Atrazine	64.0	64.8		ug/L		101	71 - 130
Benzaldehyde	64.0	46.1		ug/L		72	10 - 140
Benzo[a]anthracene	32.0	32.0		ug/L		100	70 - 121
Benzo[a]pyrene	32.0	32.0		ug/L		100	60 - 123
Benzo[b]fluoranthene	32.0	32.6		ug/L		102	66 - 126
Benzo[g,h,i]perylene	32.0	34.1		ug/L		107	66 - 150
Benzo[k]fluoranthene	32.0	33.0		ug/L		103	65 - 124
Bis(2-chloroethoxy)methane	32.0	25.2		ug/L		79	50 - 128
Bis(2-chloroethyl)ether	32.0	28.1		ug/L		88	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	30.1		ug/L		94	63 - 139
Butyl benzyl phthalate	32.0	30.7		ug/L		96	70 - 129
Caprolactam	64.0	17.8		ug/L		28	22 - 120
Carbazole	32.0	35.2		ug/L		110	66 - 123
Chrysene	32.0	30.6		ug/L		96	69 - 120
Dibenz(a,h)anthracene	32.0	34.1		ug/L		106	65 - 135
Di-n-butyl phthalate	32.0	30.3		ug/L		95	69 - 131
Di-n-octyl phthalate	32.0	30.2		ug/L		94	63 - 140
Dibenzofuran	32.0	27.2		ug/L		85	66 - 120
Diethyl phthalate	32.0	30.4		ug/L		95	59 - 127
Dimethyl phthalate	32.0	29.3		ug/L		92	68 - 120
Fluoranthene	32.0	31.7		ug/L		99	69 - 126
Fluorene	32.0	29.2		ug/L		91	66 - 120
Hexachlorobenzene	32.0	27.7		ug/L		87	61 - 120
Hexachlorobutadiene	32.0	17.6		ug/L		55	35 - 120
Hexachlorocyclopentadiene	32.0	11.8		ug/L		37	31 - 120
Hexachloroethane	32.0	19.0		ug/L		59	33 - 120
Indeno[1,2,3-cd]pyrene	32.0	33.9		ug/L		106	69 - 146
Isophorone	32.0	25.9		ug/L		81	55 - 120
N-Nitrosodi-n-propylamine	32.0	25.8		ug/L		81	32 - 140

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: LCS 480-724913/2-A

Matrix: Water

Analysis Batch: 725010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 724913

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Nitrosodiphenylamine	32.0	28.2		ug/L		88	61 - 120
Naphthalene	32.0	22.9		ug/L		72	57 - 120
Nitrobenzene	32.0	25.6		ug/L		80	53 - 123
Pentachlorophenol	64.0	46.2		ug/L		72	10 - 136
Phenanthrene	32.0	30.2		ug/L		94	68 - 120
Phenol	32.0	15.8		ug/L		49	17 - 120
Pyrene	32.0	32.6		ug/L		102	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	75		29 - 129
Phenol-d5 (Surr)	46		10 - 120
p-Terphenyl-d14 (Surr)	91		33 - 132
2,4,6-Tribromophenol (Surr)	81		25 - 144
2-Fluorobiphenyl (Surr)	82		53 - 126
2-Fluorophenol (Surr)	62		24 - 120

Lab Sample ID: 480-223308-6 MS

Matrix: Water

Analysis Batch: 725010

Client Sample ID: MW-101RD-MS

Prep Type: Total/NA

Prep Batch: 724913

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	0.86	J	32.0	27.2		ug/L		82	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	23.9		ug/L		75	28 - 121
2,4,5-Trichlorophenol	ND		32.0	29.7		ug/L		93	65 - 126
2,4,6-Trichlorophenol	ND		32.0	29.6		ug/L		92	64 - 120
2,4-Dichlorophenol	ND		32.0	26.7		ug/L		83	48 - 132
2,4-Dimethylphenol	ND		32.0	26.1		ug/L		81	39 - 130
2,4-Dinitrophenol	ND		64.0	65.9		ug/L		103	21 - 150
2,4-Dinitrotoluene	ND		32.0	30.0		ug/L		94	54 - 138
2,6-Dinitrotoluene	ND		32.0	29.5		ug/L		92	17 - 150
2-Chloronaphthalene	ND		32.0	25.9		ug/L		81	52 - 124
2-Chlorophenol	ND		32.0	25.4		ug/L		79	48 - 120
2-Methylphenol	ND		32.0	24.8		ug/L		78	46 - 120
2-Methylnaphthalene	ND		32.0	24.4		ug/L		76	34 - 140
2-Nitroaniline	ND		32.0	27.2		ug/L		85	44 - 136
2-Nitrophenol	ND		32.0	26.8		ug/L		84	38 - 141
3,3'-Dichlorobenzidine	ND		32.0	22.3		ug/L		70	10 - 150
3-Nitroaniline	ND		32.0	19.1		ug/L		60	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	59.6		ug/L		93	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	26.5		ug/L		83	63 - 126
4-Chloro-3-methylphenol	ND		32.0	26.3		ug/L		82	64 - 127
4-Chloroaniline	ND		32.0	16.1		ug/L		50	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	25.6		ug/L		80	61 - 120
4-Methylphenol	ND		32.0	25.7		ug/L		80	36 - 120
4-Nitroaniline	ND		32.0	25.0		ug/L		78	32 - 150
4-Nitrophenol	ND		64.0	41.6		ug/L		65	23 - 132
Acenaphthene	6.6		32.0	36.1		ug/L		92	48 - 120
Acenaphthylene	2.3	J	32.0	31.1		ug/L		90	63 - 120
Acetophenone	ND		32.0	27.0		ug/L		84	53 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: 480-223308-6 MS

Matrix: Water

Analysis Batch: 725010

Client Sample ID: MW-101RD-MS

Prep Type: Total/NA

Prep Batch: 724913

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	1.9	J	32.0	30.0		ug/L		88	65 - 122
Atrazine	ND		64.0	56.9		ug/L		89	50 - 150
Benzaldehyde	ND		64.0	44.9		ug/L		70	10 - 150
Benzo[a]anthracene	ND		32.0	28.8		ug/L		90	43 - 124
Benzo[a]pyrene	ND		32.0	26.0		ug/L		81	23 - 125
Benzo[b]fluoranthene	ND	F2	32.0	26.4		ug/L		82	27 - 127
Benzo[g,h,i]perylene	ND	F2	32.0	27.5		ug/L		86	16 - 147
Benzo[k]fluoranthene	ND		32.0	27.9		ug/L		87	20 - 124
Bis(2-chloroethoxy)methane	ND		32.0	26.0		ug/L		81	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	28.2		ug/L		88	45 - 120
Bis(2-ethylhexyl) phthalate	ND	F2	32.0	24.7		ug/L		77	16 - 150
Butyl benzyl phthalate	ND		32.0	27.3		ug/L		85	51 - 140
Caprolactam	ND		64.0	16.8		ug/L		26	10 - 120
Carbazole	2.5	J	32.0	37.2		ug/L		108	16 - 148
Chrysene	ND		32.0	27.7		ug/L		87	44 - 122
Dibenz(a,h)anthracene	ND		32.0	27.2		ug/L		85	16 - 139
Di-n-butyl phthalate	0.49	J	32.0	27.4		ug/L		84	65 - 129
Di-n-octyl phthalate	ND	F2	32.0	25.0		ug/L		78	16 - 150
Dibenzofuran	5.7	J	32.0	34.1		ug/L		89	60 - 120
Diethyl phthalate	ND		32.0	28.6		ug/L		89	53 - 133
Dimethyl phthalate	ND		32.0	29.6		ug/L		93	59 - 123
Fluoranthene	2.8	J	32.0	32.3		ug/L		92	63 - 129
Fluorene	7.2		32.0	38.3		ug/L		97	62 - 120
Hexachlorobenzene	ND		32.0	25.7		ug/L		80	57 - 121
Hexachlorobutadiene	ND		32.0	17.2		ug/L		54	37 - 120
Hexachlorocyclopentadiene	ND		32.0	11.7		ug/L		37	21 - 120
Hexachloroethane	ND		32.0	19.9		ug/L		62	16 - 130
Indeno[1,2,3-cd]pyrene	ND	F2	32.0	27.3		ug/L		85	16 - 140
Isophorone	ND		32.0	26.8		ug/L		84	48 - 133
N-Nitrosodi-n-propylamine	ND		32.0	27.7		ug/L		87	49 - 120
N-Nitrosodiphenylamine	ND		32.0	29.7		ug/L		93	39 - 138
Naphthalene	ND		32.0	24.4		ug/L		76	45 - 120
Nitrobenzene	ND		32.0	25.3		ug/L		79	45 - 123
Pentachlorophenol	ND		64.0	47.7		ug/L		74	10 - 149
Phenanthrene	5.4		32.0	39.0		ug/L		105	65 - 122
Phenol	ND		32.0	16.1		ug/L		50	16 - 120
Pyrene	2.0	J	32.0	30.0		ug/L		87	58 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5 (Surr)	76		29 - 129
Phenol-d5 (Surr)	46		10 - 120
p-Terphenyl-d14 (Surr)	62		33 - 132
2,4,6-Tribromophenol (Surr)	83		25 - 144
2-Fluorobiphenyl (Surr)	83		53 - 126
2-Fluorophenol (Surr)	61		24 - 120

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: 480-223308-6 MSD

Matrix: Water

Analysis Batch: 725010

Client Sample ID: MW-101RD-MSD

Prep Type: Total/NA

Prep Batch: 724913

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Biphenyl	0.86	J	32.0	24.6		ug/L		74	57 - 120	10	20
bis (2-chloroisopropyl) ether	ND		32.0	23.8		ug/L		74	28 - 121	0	24
2,4,5-Trichlorophenol	ND		32.0	27.7		ug/L		87	65 - 126	7	18
2,4,6-Trichlorophenol	ND		32.0	27.3		ug/L		85	64 - 120	8	19
2,4-Dichlorophenol	ND		32.0	25.6		ug/L		80	48 - 132	4	19
2,4-Dimethylphenol	ND		32.0	24.2		ug/L		76	39 - 130	8	42
2,4-Dinitrophenol	ND		64.0	67.8		ug/L		106	21 - 150	3	22
2,4-Dinitrotoluene	ND		32.0	30.8		ug/L		96	54 - 138	3	20
2,6-Dinitrotoluene	ND		32.0	29.2		ug/L		91	17 - 150	1	15
2-Chloronaphthalene	ND		32.0	23.5		ug/L		73	52 - 124	10	21
2-Chlorophenol	ND		32.0	24.6		ug/L		77	48 - 120	3	25
2-Methylphenol	ND		32.0	22.9		ug/L		72	46 - 120	8	27
2-Methylnaphthalene	ND		32.0	23.0		ug/L		72	34 - 140	6	21
2-Nitroaniline	ND		32.0	27.1		ug/L		85	44 - 136	0	15
2-Nitrophenol	ND		32.0	26.0		ug/L		81	38 - 141	3	18
3,3'-Dichlorobenzidine	ND		32.0	23.9		ug/L		75	10 - 150	7	25
3-Nitroaniline	ND		32.0	19.7		ug/L		62	32 - 150	3	19
4,6-Dinitro-2-methylphenol	ND		64.0	64.0		ug/L		100	38 - 150	7	15
4-Bromophenyl phenyl ether	ND		32.0	27.9		ug/L		87	63 - 126	5	15
4-Chloro-3-methylphenol	ND		32.0	25.6		ug/L		80	64 - 127	3	27
4-Chloroaniline	ND		32.0	15.9		ug/L		50	16 - 124	1	22
4-Chlorophenyl phenyl ether	ND		32.0	27.4		ug/L		86	61 - 120	7	16
4-Methylphenol	ND		32.0	23.6		ug/L		74	36 - 120	8	24
4-Nitroaniline	ND		32.0	27.7		ug/L		86	32 - 150	10	24
4-Nitrophenol	ND		64.0	43.9		ug/L		69	23 - 132	5	48
Acenaphthene	6.6		32.0	35.0		ug/L		89	48 - 120	3	24
Acenaphthylene	2.3	J	32.0	30.0		ug/L		87	63 - 120	3	18
Acetophenone	ND		32.0	25.8		ug/L		81	53 - 120	5	20
Anthracene	1.9	J	32.0	31.9		ug/L		94	65 - 122	6	15
Atrazine	ND		64.0	62.1		ug/L		97	50 - 150	9	20
Benzaldehyde	ND		64.0	45.0		ug/L		70	10 - 150	0	20
Benzo[a]anthracene	ND		32.0	32.6		ug/L		102	43 - 124	12	15
Benzo[a]pyrene	ND		32.0	30.0		ug/L		94	23 - 125	14	15
Benzo[b]fluoranthene	ND	F2	32.0	31.6	F2	ug/L		99	27 - 127	18	15
Benzo[g,h,i]perylene	ND	F2	32.0	32.5	F2	ug/L		101	16 - 147	17	15
Benzo[k]fluoranthene	ND		32.0	30.6		ug/L		96	20 - 124	9	22
Bis(2-chloroethoxy)methane	ND		32.0	25.2		ug/L		79	44 - 128	3	17
Bis(2-chloroethyl)ether	ND		32.0	28.4		ug/L		89	45 - 120	1	21
Bis(2-ethylhexyl) phthalate	ND	F2	32.0	29.4	F2	ug/L		92	16 - 150	18	15
Butyl benzyl phthalate	ND		32.0	31.1		ug/L		97	51 - 140	13	16
Caprolactam	ND		64.0	17.8		ug/L		28	10 - 120	6	20
Carbazole	2.5	J	32.0	40.3		ug/L		118	16 - 148	8	20
Chrysene	ND		32.0	31.4		ug/L		98	44 - 122	13	15
Dibenz(a,h)anthracene	ND		32.0	31.4		ug/L		98	16 - 139	15	15
Di-n-butyl phthalate	0.49	J	32.0	30.0		ug/L		92	65 - 129	9	15
Di-n-octyl phthalate	ND	F2	32.0	29.6	F2	ug/L		93	16 - 150	17	16
Dibenzofuran	5.7	J	32.0	33.2		ug/L		86	60 - 120	3	15
Diethyl phthalate	ND		32.0	30.0		ug/L		94	53 - 133	5	15
Dimethyl phthalate	ND		32.0	29.5		ug/L		92	59 - 123	0	15

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: 480-223308-6 MSD

Matrix: Water

Analysis Batch: 725010

Client Sample ID: MW-101RD-MSD

Prep Type: Total/NA

Prep Batch: 724913

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene	2.8	J	32.0	35.6		ug/L		103	63 - 129	10	15
Fluorene	7.2		32.0	37.4		ug/L		94	62 - 120	2	15
Hexachlorobenzene	ND		32.0	27.0		ug/L		84	57 - 121	5	15
Hexachlorobutadiene	ND		32.0	15.5		ug/L		48	37 - 120	11	44
Hexachlorocyclopentadiene	ND		32.0	10.2		ug/L		32	21 - 120	14	49
Hexachloroethane	ND		32.0	19.7		ug/L		62	16 - 130	1	46
Indeno[1,2,3-cd]pyrene	ND	F2	32.0	32.2	F2	ug/L		101	16 - 140	17	15
Isophorone	ND		32.0	25.8		ug/L		81	48 - 133	4	17
N-Nitrosodi-n-propylamine	ND		32.0	25.8		ug/L		81	49 - 120	7	31
N-Nitrosodiphenylamine	ND		32.0	30.0		ug/L		94	39 - 138	1	15
Naphthalene	ND		32.0	23.4		ug/L		73	45 - 120	4	29
Nitrobenzene	ND		32.0	25.5		ug/L		80	45 - 123	1	24
Pentachlorophenol	ND		64.0	53.3		ug/L		83	10 - 149	11	37
Phenanthrene	5.4		32.0	39.8		ug/L		108	65 - 122	2	15
Phenol	ND		32.0	15.2		ug/L		48	16 - 120	6	34
Pyrene	2.0	J	32.0	34.1		ug/L		100	58 - 128	13	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	75		29 - 129
Phenol-d5 (Surr)	43		10 - 120
p-Terphenyl-d14 (Surr)	69		33 - 132
2,4,6-Tribromophenol (Surr)	88		25 - 144
2-Fluorobiphenyl (Surr)	79		53 - 126
2-Fluorophenol (Surr)	58		24 - 120

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-724907/1-A

Matrix: Water

Analysis Batch: 725568

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 724907

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/13/24 08:39	09/18/24 17:07	1
Antimony	ND		0.020	0.0068	mg/L		09/13/24 08:39	09/18/24 17:07	1
Arsenic	ND		0.015	0.0056	mg/L		09/13/24 08:39	09/18/24 17:07	1
Barium	ND		0.0020	0.00070	mg/L		09/13/24 08:39	09/18/24 17:07	1
Beryllium	ND		0.0020	0.00030	mg/L		09/13/24 08:39	09/18/24 17:07	1
Cadmium	ND	^+	0.0020	0.00050	mg/L		09/13/24 08:39	09/18/24 17:07	1
Calcium	ND		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:07	1
Chromium	ND		0.0040	0.0010	mg/L		09/13/24 08:39	09/18/24 17:07	1
Copper	ND		0.010	0.0016	mg/L		09/13/24 08:39	09/18/24 17:07	1
Iron	ND		0.050	0.019	mg/L		09/13/24 08:39	09/18/24 17:07	1
Lead	ND		0.010	0.0030	mg/L		09/13/24 08:39	09/18/24 17:07	1
Magnesium	ND		0.20	0.043	mg/L		09/13/24 08:39	09/18/24 17:07	1
Manganese	0.00100	J	0.0030	0.00040	mg/L		09/13/24 08:39	09/18/24 17:07	1
Nickel	ND		0.010	0.0013	mg/L		09/13/24 08:39	09/18/24 17:07	1
Potassium	ND		0.50	0.10	mg/L		09/13/24 08:39	09/18/24 17:07	1
Selenium	ND		0.025	0.0087	mg/L		09/13/24 08:39	09/18/24 17:07	1
Silver	ND		0.0060	0.0017	mg/L		09/13/24 08:39	09/18/24 17:07	1
Sodium	ND		1.0	0.32	mg/L		09/13/24 08:39	09/18/24 17:07	1

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: MB 480-724907/1-A
Matrix: Water
Analysis Batch: 725568

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 724907

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.020	0.010	mg/L		09/13/24 08:39	09/18/24 17:07	1
Vanadium	ND		0.0050	0.0015	mg/L		09/13/24 08:39	09/18/24 17:07	1
Zinc	0.00186	J	0.010	0.0015	mg/L		09/13/24 08:39	09/18/24 17:07	1

Lab Sample ID: MB 480-724907/1-A
Matrix: Water
Analysis Batch: 725639

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 724907

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.0040	0.00063	mg/L		09/13/24 08:39	09/19/24 13:13	1

Lab Sample ID: LCS 480-724907/2-A
Matrix: Water
Analysis Batch: 725568

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 724907

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.10	5.19		mg/L		102	80 - 120
Antimony	0.500	0.528		mg/L		106	80 - 120
Arsenic	1.00	1.04		mg/L		104	80 - 120
Barium	1.00	1.09		mg/L		109	80 - 120
Beryllium	0.500	0.541		mg/L		108	80 - 120
Cadmium	0.500	0.538	^+	mg/L		108	80 - 120
Calcium	25.0	26.14		mg/L		105	80 - 120
Chromium	0.500	0.530		mg/L		106	80 - 120
Cobalt	0.500	0.518		mg/L		104	80 - 120
Copper	0.500	0.516		mg/L		103	80 - 120
Iron	5.10	5.78		mg/L		113	80 - 120
Lead	0.500	0.503		mg/L		101	80 - 120
Magnesium	25.0	25.36		mg/L		101	80 - 120
Manganese	0.500	0.515		mg/L		103	80 - 120
Nickel	0.500	0.525		mg/L		105	80 - 120
Potassium	25.0	26.28		mg/L		105	80 - 120
Selenium	1.00	1.05		mg/L		105	80 - 120
Silver	0.0500	0.0512		mg/L		102	80 - 120
Sodium	25.0	26.40		mg/L		106	80 - 120
Thallium	1.00	1.01		mg/L		101	80 - 120
Vanadium	0.500	0.525		mg/L		105	80 - 120
Zinc	0.500	0.557		mg/L		111	80 - 120

Lab Sample ID: 480-223308-6 MS
Matrix: Water
Analysis Batch: 725568

Client Sample ID: MW-101RD-MS
Prep Type: Total/NA
Prep Batch: 724907

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.76		5.10	5.75		mg/L		98	75 - 125
Antimony	ND		0.500	0.495		mg/L		99	75 - 125
Arsenic	ND		1.00	0.966		mg/L		97	75 - 125
Barium	0.22		1.00	1.20		mg/L		98	75 - 125
Beryllium	ND		0.500	0.504		mg/L		101	75 - 125
Cadmium	ND		0.500	0.514	^+	mg/L		103	75 - 125

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: 480-223308-6 MS

Matrix: Water

Analysis Batch: 725568

Client Sample ID: MW-101RD-MS

Prep Type: Total/NA

Prep Batch: 724907

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	150		25.0	161.7	4	mg/L		48	75 - 125
Chromium	0.0037	J	0.500	0.486		mg/L		97	75 - 125
Cobalt	ND		0.500	0.492		mg/L		98	75 - 125
Copper	0.011		0.500	0.519		mg/L		102	75 - 125
Iron	2.3		5.10	7.24		mg/L		97	75 - 125
Lead	0.0048	J	0.500	0.490		mg/L		97	75 - 125
Magnesium	19.6		25.0	41.85		mg/L		89	75 - 125
Manganese	0.63	B	0.500	1.05		mg/L		83	75 - 125
Nickel	0.0029	J	0.500	0.488		mg/L		97	75 - 125
Potassium	7.6		25.0	32.01		mg/L		98	75 - 125
Selenium	ND		1.00	1.01		mg/L		101	75 - 125
Silver	ND		0.0500	0.0499		mg/L		100	75 - 125
Sodium	337		25.0	335.3	4	mg/L		-7	75 - 125
Thallium	ND		1.00	1.02		mg/L		102	75 - 125
Vanadium	0.0021	J	0.500	0.486		mg/L		97	75 - 125
Zinc	0.012	B	0.500	0.505		mg/L		99	75 - 125

Lab Sample ID: 480-223308-6 MSD

Matrix: Water

Analysis Batch: 725568

Client Sample ID: MW-101RD-MSD

Prep Type: Total/NA

Prep Batch: 724907

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.76		5.10	5.92		mg/L		101	75 - 125	3	20
Antimony	ND		0.500	0.515		mg/L		103	75 - 125	4	20
Arsenic	ND		1.00	1.01		mg/L		101	75 - 125	5	20
Barium	0.22		1.00	1.26		mg/L		105	75 - 125	6	20
Beryllium	ND		0.500	0.531		mg/L		106	75 - 125	5	20
Cadmium	ND		0.500	0.544	^+	mg/L		109	75 - 125	6	20
Calcium	150		25.0	169.2	4	mg/L		78	75 - 125	4	20
Chromium	0.0037	J	0.500	0.514		mg/L		102	75 - 125	6	20
Cobalt	ND		0.500	0.517		mg/L		103	75 - 125	5	20
Copper	0.011		0.500	0.550		mg/L		108	75 - 125	6	20
Iron	2.3		5.10	7.58		mg/L		104	75 - 125	5	20
Lead	0.0048	J	0.500	0.513		mg/L		102	75 - 125	5	20
Magnesium	19.6		25.0	43.79		mg/L		97	75 - 125	5	20
Manganese	0.63	B	0.500	1.11		mg/L		95	75 - 125	5	20
Nickel	0.0029	J	0.500	0.514		mg/L		102	75 - 125	5	20
Potassium	7.6		25.0	33.41		mg/L		103	75 - 125	4	20
Selenium	ND		1.00	1.06		mg/L		106	75 - 125	5	20
Silver	ND		0.0500	0.0527		mg/L		105	75 - 125	6	20
Sodium	337		25.0	351.7	4	mg/L		59	75 - 125	5	20
Thallium	ND		1.00	1.07		mg/L		107	75 - 125	4	20
Vanadium	0.0021	J	0.500	0.512		mg/L		102	75 - 125	5	20
Zinc	0.012	B	0.500	0.525		mg/L		102	75 - 125	4	20

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-725083/1-A
Matrix: Water
Analysis Batch: 725264

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 725083

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/16/24 10:44	09/16/24 14:52	1

Lab Sample ID: LCS 480-725083/2-A
Matrix: Water
Analysis Batch: 725264

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 725083

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00771		mg/L		115	80 - 120

Lab Sample ID: 480-223308-6 MS
Matrix: Water
Analysis Batch: 725264

Client Sample ID: MW-101RD-MS
Prep Type: Total/NA
Prep Batch: 725083

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00669	0.00716		mg/L		107	80 - 120

Lab Sample ID: 480-223308-6 MSD
Matrix: Water
Analysis Batch: 725264

Client Sample ID: MW-101RD-MSD
Prep Type: Total/NA
Prep Batch: 725083

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00669	0.00707		mg/L		106	80 - 120	1	20

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

Lab Sample ID: MB 480-725051/21
Matrix: Water
Analysis Batch: 725051

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0041	mg/L			09/13/24 08:57	1

Lab Sample ID: MB 480-725051/47
Matrix: Water
Analysis Batch: 725051

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0041	mg/L			09/13/24 10:25	1

Lab Sample ID: HLCS 480-725051/22
Matrix: Water
Analysis Batch: 725051

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	0.387		mg/L		97	90 - 110

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QC Sample Results

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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

Lab Sample ID: LCS 480-725051/23
Matrix: Water
Analysis Batch: 725051

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.239		mg/L		95	90 - 110

Lab Sample ID: LCS 480-725051/48
Matrix: Water
Analysis Batch: 725051

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	0.240		mg/L		96	90 - 110

Lab Sample ID: 480-223308-6 MS
Matrix: Water
Analysis Batch: 725051

Client Sample ID: MW-101RD-MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		0.100	0.0997		mg/L		100	90 - 110

Lab Sample ID: 480-223308-6 MSD
Matrix: Water
Analysis Batch: 725051

Client Sample ID: MW-101RD-MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		0.100	0.0975		mg/L		98	90 - 110	2	15

QC Association Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

GC/MS VOA

Analysis Batch: 725032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223308-1	B-MW-3	Total/NA	Water	8260C	
480-223308-2	FW-MW-1	Total/NA	Water	8260C	
480-223308-3	FW-MW-2	Total/NA	Water	8260C	
480-223308-4	FW-MW-3	Total/NA	Water	8260C	
480-223308-5	FW-MW-5	Total/NA	Water	8260C	
480-223308-7	MW-102R	Total/NA	Water	8260C	
480-223308-8	MW-103R	Total/NA	Water	8260C	
480-223308-9	Field Duplicate	Total/NA	Water	8260C	
480-223308-10	Trip Blank	Total/NA	Water	8260C	
MB 480-725032/8	Method Blank	Total/NA	Water	8260C	
LCS 480-725032/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 725177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223308-6	MW-101RD	Total/NA	Water	8260C	
MB 480-725177/8	Method Blank	Total/NA	Water	8260C	
LCS 480-725177/6	Lab Control Sample	Total/NA	Water	8260C	
480-223308-6 MS	MW-101RD-MS	Total/NA	Water	8260C	
480-223308-6 MSD	MW-101RD-MSD	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 724913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223308-1	B-MW-3	Total/NA	Water	3510C	
480-223308-2	FW-MW-1	Total/NA	Water	3510C	
480-223308-3	FW-MW-2	Total/NA	Water	3510C	
480-223308-4	FW-MW-3	Total/NA	Water	3510C	
480-223308-5	FW-MW-5	Total/NA	Water	3510C	
480-223308-6	MW-101RD	Total/NA	Water	3510C	
480-223308-7	MW-102R	Total/NA	Water	3510C	
480-223308-8	MW-103R	Total/NA	Water	3510C	
480-223308-9	Field Duplicate	Total/NA	Water	3510C	
MB 480-724913/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-724913/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-223308-6 MS	MW-101RD-MS	Total/NA	Water	3510C	
480-223308-6 MSD	MW-101RD-MSD	Total/NA	Water	3510C	

Analysis Batch: 725010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223308-1	B-MW-3	Total/NA	Water	8270D	724913
480-223308-2	FW-MW-1	Total/NA	Water	8270D	724913
480-223308-3	FW-MW-2	Total/NA	Water	8270D	724913
480-223308-4	FW-MW-3	Total/NA	Water	8270D	724913
480-223308-5	FW-MW-5	Total/NA	Water	8270D	724913
480-223308-6	MW-101RD	Total/NA	Water	8270D	724913
480-223308-7	MW-102R	Total/NA	Water	8270D	724913
480-223308-8	MW-103R	Total/NA	Water	8270D	724913
480-223308-9	Field Duplicate	Total/NA	Water	8270D	724913
MB 480-724913/1-A	Method Blank	Total/NA	Water	8270D	724913
LCS 480-724913/2-A	Lab Control Sample	Total/NA	Water	8270D	724913
480-223308-6 MS	MW-101RD-MS	Total/NA	Water	8270D	724913

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QC Association Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

GC/MS Semi VOA (Continued)

Analysis Batch: 725010 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223308-6 MSD	MW-101RD-MSD	Total/NA	Water	8270D	724913

Metals

Prep Batch: 724907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223308-1	B-MW-3	Total/NA	Water	3005A	
480-223308-2	FW-MW-1	Total/NA	Water	3005A	
480-223308-3	FW-MW-2	Total/NA	Water	3005A	
480-223308-4	FW-MW-3	Total/NA	Water	3005A	
480-223308-5	FW-MW-5	Total/NA	Water	3005A	
480-223308-6	MW-101RD	Total/NA	Water	3005A	
480-223308-7	MW-102R	Total/NA	Water	3005A	
480-223308-8	MW-103R	Total/NA	Water	3005A	
480-223308-9	Field Duplicate	Total/NA	Water	3005A	
MB 480-724907/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-724907/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-223308-6 MS	MW-101RD-MS	Total/NA	Water	3005A	
480-223308-6 MSD	MW-101RD-MSD	Total/NA	Water	3005A	

Prep Batch: 725083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223308-1	B-MW-3	Total/NA	Water	7470A	
480-223308-2	FW-MW-1	Total/NA	Water	7470A	
480-223308-3	FW-MW-2	Total/NA	Water	7470A	
480-223308-4	FW-MW-3	Total/NA	Water	7470A	
480-223308-5	FW-MW-5	Total/NA	Water	7470A	
480-223308-6	MW-101RD	Total/NA	Water	7470A	
480-223308-7	MW-102R	Total/NA	Water	7470A	
480-223308-8	MW-103R	Total/NA	Water	7470A	
480-223308-9	Field Duplicate	Total/NA	Water	7470A	
MB 480-725083/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-725083/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-223308-6 MS	MW-101RD-MS	Total/NA	Water	7470A	
480-223308-6 MSD	MW-101RD-MSD	Total/NA	Water	7470A	

Analysis Batch: 725264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223308-1	B-MW-3	Total/NA	Water	7470A	725083
480-223308-2	FW-MW-1	Total/NA	Water	7470A	725083
480-223308-3	FW-MW-2	Total/NA	Water	7470A	725083
480-223308-4	FW-MW-3	Total/NA	Water	7470A	725083
480-223308-5	FW-MW-5	Total/NA	Water	7470A	725083
480-223308-6	MW-101RD	Total/NA	Water	7470A	725083
480-223308-7	MW-102R	Total/NA	Water	7470A	725083
480-223308-8	MW-103R	Total/NA	Water	7470A	725083
480-223308-9	Field Duplicate	Total/NA	Water	7470A	725083
MB 480-725083/1-A	Method Blank	Total/NA	Water	7470A	725083
LCS 480-725083/2-A	Lab Control Sample	Total/NA	Water	7470A	725083
480-223308-6 MS	MW-101RD-MS	Total/NA	Water	7470A	725083
480-223308-6 MSD	MW-101RD-MSD	Total/NA	Water	7470A	725083

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QC Association Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Metals

Analysis Batch: 725568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223308-1	B-MW-3	Total/NA	Water	6010C	724907
480-223308-2	FW-MW-1	Total/NA	Water	6010C	724907
480-223308-3	FW-MW-2	Total/NA	Water	6010C	724907
480-223308-4	FW-MW-3	Total/NA	Water	6010C	724907
480-223308-5	FW-MW-5	Total/NA	Water	6010C	724907
480-223308-6	MW-101RD	Total/NA	Water	6010C	724907
480-223308-7	MW-102R	Total/NA	Water	6010C	724907
480-223308-8	MW-103R	Total/NA	Water	6010C	724907
480-223308-9	Field Duplicate	Total/NA	Water	6010C	724907
MB 480-724907/1-A	Method Blank	Total/NA	Water	6010C	724907
LCS 480-724907/2-A	Lab Control Sample	Total/NA	Water	6010C	724907
480-223308-6 MS	MW-101RD-MS	Total/NA	Water	6010C	724907
480-223308-6 MSD	MW-101RD-MSD	Total/NA	Water	6010C	724907

Analysis Batch: 725639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223308-8	MW-103R	Total/NA	Water	6010C	724907
MB 480-724907/1-A	Method Blank	Total/NA	Water	6010C	724907

General Chemistry

Analysis Batch: 725051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223308-1	B-MW-3	Total/NA	Water	9012B	
480-223308-2	FW-MW-1	Total/NA	Water	9012B	
480-223308-3	FW-MW-2	Total/NA	Water	9012B	
480-223308-4	FW-MW-3	Total/NA	Water	9012B	
480-223308-5	FW-MW-5	Total/NA	Water	9012B	
480-223308-6	MW-101RD	Total/NA	Water	9012B	
480-223308-7	MW-102R	Total/NA	Water	9012B	
480-223308-8	MW-103R	Total/NA	Water	9012B	
480-223308-9	Field Duplicate	Total/NA	Water	9012B	
MB 480-725051/21	Method Blank	Total/NA	Water	9012B	
MB 480-725051/47	Method Blank	Total/NA	Water	9012B	
HLCS 480-725051/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-725051/23	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-725051/48	Lab Control Sample	Total/NA	Water	9012B	
480-223308-6 MS	MW-101RD-MS	Total/NA	Water	9012B	
480-223308-6 MSD	MW-101RD-MSD	Total/NA	Water	9012B	

Lab Chronicle

Client Sample ID: B-MW-3

Date Collected: 09/11/24 10:50

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	725032	ERS	EET BUF	09/13/24 16:50
Total/NA	Prep	3510C			724913	LSC	EET BUF	09/12/24 13:01
Total/NA	Analysis	8270D		1	725010	JMM	EET BUF	09/13/24 17:49
Total/NA	Prep	3005A			724907	EMO	EET BUF	09/13/24 08:39
Total/NA	Analysis	6010C		1	725568	BMB	EET BUF	09/18/24 17:39
Total/NA	Prep	7470A			725083	ESB	EET BUF	09/16/24 10:44
Total/NA	Analysis	7470A		1	725264	ESB	EET BUF	09/16/24 14:55
Total/NA	Analysis	9012B		1	725051	CLT	EET BUF	09/13/24 09:20

Client Sample ID: FW-MW-1

Date Collected: 09/11/24 13:25

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	725032	ERS	EET BUF	09/13/24 17:13
Total/NA	Prep	3510C			724913	LSC	EET BUF	09/12/24 13:01
Total/NA	Analysis	8270D		1	725010	JMM	EET BUF	09/13/24 18:17
Total/NA	Prep	3005A			724907	EMO	EET BUF	09/13/24 08:39
Total/NA	Analysis	6010C		1	725568	BMB	EET BUF	09/18/24 17:41
Total/NA	Prep	7470A			725083	ESB	EET BUF	09/16/24 10:44
Total/NA	Analysis	7470A		1	725264	ESB	EET BUF	09/16/24 14:56
Total/NA	Analysis	9012B		1	725051	CLT	EET BUF	09/13/24 09:38

Client Sample ID: FW-MW-2

Date Collected: 09/11/24 12:00

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	725032	ERS	EET BUF	09/13/24 17:35
Total/NA	Prep	3510C			724913	LSC	EET BUF	09/12/24 13:01
Total/NA	Analysis	8270D		1	725010	JMM	EET BUF	09/13/24 18:44
Total/NA	Prep	3005A			724907	EMO	EET BUF	09/13/24 08:39
Total/NA	Analysis	6010C		1	725568	BMB	EET BUF	09/18/24 17:43
Total/NA	Prep	7470A			725083	ESB	EET BUF	09/16/24 10:44
Total/NA	Analysis	7470A		1	725264	ESB	EET BUF	09/16/24 14:58
Total/NA	Analysis	9012B		1	725051	CLT	EET BUF	09/13/24 09:40

Client Sample ID: FW-MW-3

Date Collected: 09/11/24 12:45

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	725032	ERS	EET BUF	09/13/24 17:57
Total/NA	Prep	3510C			724913	LSC	EET BUF	09/12/24 13:01
Total/NA	Analysis	8270D		1	725010	JMM	EET BUF	09/13/24 19:11

Lab Chronicle

Client Sample ID: FW-MW-3

Date Collected: 09/11/24 12:45

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			724907	EMO	EET BUF	09/13/24 08:39
Total/NA	Analysis	6010C		1	725568	BMB	EET BUF	09/18/24 17:45
Total/NA	Prep	7470A			725083	ESB	EET BUF	09/16/24 10:44
Total/NA	Analysis	7470A		1	725264	ESB	EET BUF	09/16/24 15:03
Total/NA	Analysis	9012B		1	725051	CLT	EET BUF	09/13/24 09:43

Client Sample ID: FW-MW-5

Date Collected: 09/11/24 13:30

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	725032	ERS	EET BUF	09/13/24 18:18
Total/NA	Prep	3510C			724913	LSC	EET BUF	09/12/24 13:01
Total/NA	Analysis	8270D		1	725010	JMM	EET BUF	09/13/24 19:39
Total/NA	Prep	3005A			724907	EMO	EET BUF	09/13/24 08:39
Total/NA	Analysis	6010C		1	725568	BMB	EET BUF	09/18/24 17:46
Total/NA	Prep	7470A			725083	ESB	EET BUF	09/16/24 10:44
Total/NA	Analysis	7470A		1	725264	ESB	EET BUF	09/16/24 15:04
Total/NA	Analysis	9012B		1	725051	CLT	EET BUF	09/13/24 09:47

Client Sample ID: MW-101RD

Date Collected: 09/11/24 11:50

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		40	725177	ERS	EET BUF	09/16/24 12:38
Total/NA	Prep	3510C			724913	LSC	EET BUF	09/12/24 13:01
Total/NA	Analysis	8270D		1	725010	JMM	EET BUF	09/13/24 14:09
Total/NA	Prep	3005A			724907	EMO	EET BUF	09/13/24 08:39
Total/NA	Analysis	6010C		1	725568	BMB	EET BUF	09/18/24 17:48
Total/NA	Prep	7470A			725083	ESB	EET BUF	09/16/24 10:44
Total/NA	Analysis	7470A		1	725264	ESB	EET BUF	09/16/24 15:06
Total/NA	Analysis	9012B		1	725051	CLT	EET BUF	09/13/24 09:50

Client Sample ID: MW-102R

Date Collected: 09/11/24 11:00

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	725032	ERS	EET BUF	09/13/24 19:03
Total/NA	Prep	3510C			724913	LSC	EET BUF	09/12/24 13:01
Total/NA	Analysis	8270D		1	725010	JMM	EET BUF	09/13/24 20:06
Total/NA	Prep	3005A			724907	EMO	EET BUF	09/13/24 08:39
Total/NA	Analysis	6010C		1	725568	BMB	EET BUF	09/18/24 18:04
Total/NA	Prep	7470A			725083	ESB	EET BUF	09/16/24 10:44
Total/NA	Analysis	7470A		1	725264	ESB	EET BUF	09/16/24 15:11

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Lab Chronicle

Client Sample ID: MW-102R

Date Collected: 09/11/24 11:00

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9012B		1	725051	CLT	EET BUF	09/13/24 10:00

Client Sample ID: MW-103R

Date Collected: 09/11/24 12:45

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	725032	ERS	EET BUF	09/13/24 19:25
Total/NA	Prep	3510C			724913	LSC	EET BUF	09/12/24 13:01
Total/NA	Analysis	8270D		1	725010	JMM	EET BUF	09/13/24 20:34
Total/NA	Prep	3005A			724907	EMO	EET BUF	09/13/24 08:39
Total/NA	Analysis	6010C		5	725639	BMB	EET BUF	09/19/24 13:17
Total/NA	Prep	3005A			724907	EMO	EET BUF	09/13/24 08:39
Total/NA	Analysis	6010C		1	725568	BMB	EET BUF	09/18/24 18:05
Total/NA	Prep	7470A			725083	ESB	EET BUF	09/16/24 10:44
Total/NA	Analysis	7470A		1	725264	ESB	EET BUF	09/16/24 15:12
Total/NA	Analysis	9012B		1	725051	CLT	EET BUF	09/13/24 10:03

Client Sample ID: Field Duplicate

Date Collected: 09/11/24 00:00

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	725032	ERS	EET BUF	09/13/24 19:48
Total/NA	Prep	3510C			724913	LSC	EET BUF	09/12/24 13:01
Total/NA	Analysis	8270D		1	725010	JMM	EET BUF	09/13/24 21:01
Total/NA	Prep	3005A			724907	EMO	EET BUF	09/13/24 08:39
Total/NA	Analysis	6010C		1	725568	BMB	EET BUF	09/18/24 18:07
Total/NA	Prep	7470A			725083	ESB	EET BUF	09/16/24 10:44
Total/NA	Analysis	7470A		1	725264	ESB	EET BUF	09/16/24 15:13
Total/NA	Analysis	9012B		1	725051	CLT	EET BUF	09/13/24 10:07

Client Sample ID: Trip Blank

Date Collected: 09/11/24 13:45

Date Received: 09/12/24 09:30

Lab Sample ID: 480-223308-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	725032	ERS	EET BUF	09/13/24 20:10

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

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	03-31-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	Total BTEX

Method Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-223308-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable	SW846	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site:

Job ID: 480-223308-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-223308-1	B-MW-3	Water	09/11/24 10:50	09/12/24 09:30
480-223308-2	FW-MW-1	Water	09/11/24 13:25	09/12/24 09:30
480-223308-3	FW-MW-2	Water	09/11/24 12:00	09/12/24 09:30
480-223308-4	FW-MW-3	Water	09/11/24 12:45	09/12/24 09:30
480-223308-5	FW-MW-5	Water	09/11/24 13:30	09/12/24 09:30
480-223308-6	MW-101RD	Water	09/11/24 11:50	09/12/24 09:30
480-223308-7	MW-102R	Water	09/11/24 11:00	09/12/24 09:30
480-223308-8	MW-103R	Water	09/11/24 12:45	09/12/24 09:30
480-223308-9	Field Duplicate	Water	09/11/24 00:00	09/12/24 09:30
480-223308-10	Trip Blank	Water	09/11/24 13:45	09/12/24 09:30

Chain of Custody Record

Syracuse eurofins

Client Information		Lab PM: Beninati, John		Carrier Label (NYS): #225		COC No: 480-198480-41045.1	
Client Contact: Tim Beaumont		E-Mail: John.Beninati@eurofins.com		State of Origin:		Page 1 of 1	
Company: Groundwater & Environmental Services Inc		PWSID:		Analysis Requested:		Job #:	
Address: 6780 Northern Boulevard Suite 100		Due Date Requested:		TAT Requested (days):		Preservation Codes: B - NaOH N - None D - HNO3 A - HCL	
City: East Syracuse		Compliance Project: \ Yes \ No		PO #:		Barcode: 480-223308 Chain of Custody	
State Zip: NY, 13057		Project #:		Project #:			
Phone: tbeaumont@gesonline.com		Project #:		Project #:			
Email: tbeaumont@gesonline.com		Project #:		Project #:			
Project Name: Little Falls Annual GWS		Project #:		Project #:			
Site: Little Falls Annual GWS		Project #:		Project #:			
Sample Identification		Sample Date		Sample Time		Sample Matrix	
B-MW-3		9/11/24		10:50		Water	
FW-MW-1		13:25		13:25		Water	
FW-MW-2		12:00		12:00		Water	
FW-MW-3		12:45		12:45		Water	
FW-MW-5		13:30		13:30		Water	
MW-101RD		11:50		11:50		Water	
MW-101RD-MS		11:50		11:50		Water	
MW-101RD-MSD		11:50		11:50		Water	
MW-102R		11:00		11:00		Water	
MW-103R		12:45		12:45		Water	
Field Duplicate		V		V		Water	
Trip Blank		V		V		Water	
Possible Hazard Identification		Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological ☐		Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/Note:	
Empty Kit Relinquished by:		Date:		Time:		Special Instructions/Note:	
Relinquished by: R. C. Engle		Date: 9/11/24		Time: 15:27		Company: Engle	
Relinquished by: R. C. Engle		Date: 9-11-24		Time: 19:00		Company: Engle	
Custody Seal Intact: Yes ☒ No ☐		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.2 2.5 3.0 JCF		Company: Engle	

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-223308-1

Login Number: 223308

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.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	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	