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

February 19, 2025

Mr. Michael Squire
New York State Department of Environmental Conservation
Division of Environmental Remediation, BURC
625 Broadway
Albany, New York 12233-7014

Re: ***National Grid Oneida Former MGP Site***
NYSDEC Site No. 727008
Oneida, New York
2024 Periodic Review Report

Dear Mr. Squire:

Enclosed for your review is the 2024 Periodic Review Report (PRR) for the National Grid Oneida Former MGP Site. The PRR pertains to the period from January 22, 2024 through January 22, 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

300 Erie Boulevard West, C-1
T: 315-428-5652 ■ F: 315-428-3549 ■ steven.stucker@us.ngrid.com ■ www.nationalgrid.com

National Grid- Oneida MGP Site (NYSDEC Site No. 727008)

Reporting Period – January 22, 2024 to January 22, 2025

I. Introduction

A. **Brief Site Summary** –

The Former Oneida Manufactured Gas Plant (MGP) Site (the Site) is located on an approximate 2.1-acre lot in Oneida, New York (refer to Figure 1 Site Location Map). Manufactured gas was produced at the Site by a predecessor company to Niagara Mohawk Power Corporation from approximately 1868 until around 1930 using the coal carbonization process. The majority of the buildings and above-grade structures were removed by 1964 with the exception of the Service Center Building which was expanded in 1974 and has remained essentially unchanged since that time.

An investigation of the Site began in 1994 with a PSA/IRM Study, the remedial investigation (RI) in 1997, and a feasibility study in 1998. In 2002, National Grid also conducted an investigation of the Tailrace/Oneida Creek confluence which is located downstream from the Site. These results prompted a supplemental site investigation in 2006.

The site investigations identified impacted soils from MGP related activities, specifically coal tar and purifier waste. The 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), and cyanide, all of which can be found at the Site and the off-Site area.

B. **Remedial Program Effectiveness** – During the reporting period (January 22, 2024 to January 22, 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. The Institutional Control (IC) / Environmental Easement was recorded with Madison County on March 28, 2017,

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 January 22, 2025 to January 22, 2026.

II. Site Overview

A. Site Location and Boundaries –

The Site is located in the City of Oneida, Madison County, New York (Figure 1 presents the site location map). The Site is an approximate 2.1-acre area bounded by vacant City-owned properties to the north and west, Sconondoa Street to the south, and a privately-owned commercial property to the east. Currently, the property contains a vacant, single-story office building/garage (Service Center Building), and is surrounded by a 6-foot chain link fence with barbed wire.

B. Regulatory History and Remedy Features –

The Site and off-Site area were remediated in three separate phases between January 2008 and December 2012 in accordance with the *Record of Decision* (NYSDEC, 2000)*, Amended Record of Decision* (NYSDEC, 2002), *Explanation of Significant Difference (NYSDEC, 2007), Remedial Design/Remedial Action Work Plan – Phase 1 Area and Phase 1 Area Extension* (Arcadis 2007)*, Phase 1 Remedial Action – Addendum to Work Plan and Contractor Submittals* (National Grid 2008), *Phase 2 Remedial Design/Remedial Action Work Plan* (Arcadis 2008), and *Phase 3 Remedial Design/Remedial Action Work Plan* (Arcadis 2011). The remedial efforts included excavating approximately 65,337 cubic yards of soil and debris at depths of five (5) to 20 feet below grade, and the demolition of former building foundations, underground facilities, and former MGP structures located within the remedial excavation limits including gas holder and purifier foundations. Approximately 57,407 cubic yards of excavated soil and debris received off-site treatment and disposal due to exceeding the soil remediation levels. Clean imported fill as well as the excavated materials that met the applicable soil remediation levels were used to backfill the excavation areas. Groundwater was collected, treated and discharged during the remediation work totaling approximately 6.9 million gallons of construction wastewater.

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.
   - Monitoring Wells Associated with Monitored Natural Attenuation (MNA): Semi-annual groundwater sampling of the monitoring well system, 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.

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 1 for the certification.

V. Monitoring Plan Compliance Report – The 2024 Annual Monitoring Report was submitted to the NYSDEC under a separate cover, and is provided as Attachment 3.

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 January 22, 2025 through January 22, 2026.

VIII. Additional Guidance – None.

REFERENCES

Arcadis, 2018. "Site Management Plan, Oneida (Sconondoa Street) Former MGP Site", December 2018.

Attachment 1: 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. 727008

Site Name NM - Sconondoa St. - Oneida MGP

Site Address: Sconondoa Street Zip Code: 13421
City/Town: Oneida
County: Madison
Site Acreage: 2.105

Reporting Period: January 22, 2024 to January 22, 2025

	YES	NO
1. Is the information above correct?	X	☐
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?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
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?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

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

SITE NO. 727008 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
30.64-2-16	National Grid	Ground Water Use Restriction Site Management Plan Landuse Restriction

The specific institutional controls to be implemented under the SMP are as follows:
1. The Site may only be used for commercial and 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 NYSDOH or the Madison County Department of Health, 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 NYSDEC.
5. Groundwater and other environmental or public health monitoring must be performed as defined in the SMP.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
30.64-2-16	Cover System Fencing/Access Control Monitoring Wells

Exposure to remaining MGP-related impacts in soil at the Site is prevented by a soil cover system, which comprises the following:
? A woven geotextile demarcation fabric and a minimum of 12 inches of clean imported fill material meeting the SCOs for commercial use, as set forth in Table 375-6.8(b) of 6 NYCRR 375;
? Asphalt pavement;
? Concrete sidewalks; and
? The concrete foundation slab of the existing Service Center Building.

Box 5

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 compete.

YES	NO
X	

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
X	

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. 727008

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 (print name) at 6780 Northern Blvd., Suite 100, East Syracuse, NY (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

2-18-2025
Date

STATE OF NEW YORK
GERALD H. CRESAP, JR.
087401
LICENSED PROFESSIONAL ENGINEER

EC CERTIFICATIONS

Box 7

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 Creasp, PE (print name) at 6780 Northern Blvd., Suite 100, East Syracuse, NY (print business address),

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

Signature of, for the Owner or Remedial Party Rendering Certification

Stamp (Required for PE)

2-18-2025
Date

Attachment 2: Site Inspection Forms

Site Management Plan Inspection Form
Sconondoa Street
Former MGP Site
Oneida, New York

Date: 1/15/2025 Time: 7:30
Technician: KL Weather: Snow 10

Soil Cover System			
Any signs of ground-intrusive activities?	YES	NO	COMMENTS:
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:
Any surface erosion?	YES	NO	COMMENTS:
Any settlement?	YES	NO	COMMENTS:
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:
Excessive cracking or missing pavement?	YES	NO	COMMENTS:
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:

Site Wide				
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO		COMMENTS:
Fence Condition?	GOOD	FAIR	Damaged	COMMENTS:
Gate Conditions?	GOOD	FAIR	Damaged	COMMENTS:
NG and GES Padlocks?	OPERATIONAL	NON-OPERATIONAL		COMMENTS:
Have the front lawns been mowed?	YES	NO		COMMENTS:
Conditon of the asphalt pavement	GOOD	FAIR	POOR	COMMENTS:
Conditon of the front sidewalks?	GOOD	FAIR	POOR	COMMENTS:
Conditon of the building foundations?	GOOD	FAIR	POOR	COMMENTS:
Are the requirements of the Site Management Plan being met?	YES	NO		COMMENTS:
Are there any needed changes?	YES	NO		COMMENTS:
Are the site records complete and up to date?	YES	NO		COMMENTS:

Miscellaneous				
Evidence of Trespassing	YES	NO		COMMENTS:
Litter	NONE	MINOR	SIGNIFICANT	COMMENTS:

Site Monitoring Wells		
Well ID.	***Location Secure***	
MW-1	YES	NO
MW-2	YES	NO
MW-3	YES	NO
MW-4	YES	NO
MW-5	YES	NO
MW-6	YES	NO
MW-7	YES	NO
MW-ES-8	YES	NO
MW-9	YES	NO
MW-ES-10S	YES	NO
MW-11	YES	NO
MW-12	YES	NO
MW-103	YES	NO

General Comments:

Site Management Plan Inspection Form
Sconondoa Street
Former MGP Site
Oneida, New York

Date: 10/9/2024 Time: 14:30
Technician: AJ Weather: Rain 55

Soil Cover System			
Any signs of ground-intrusive activities?	YES	NO	COMMENTS:
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:
Any surface erosion?	YES	NO	COMMENTS:
Any settlement?	YES	NO	COMMENTS:
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:
Excessive cracking or missing pavement?	YES	NO	COMMENTS:
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:

Site Wide				
Any repairs, maintenace or corrective actions since the last inspection?	YES		NO	COMMENTS:
Fence Condition?	GOOD	FAIR	Damaged	COMMENTS:
Gate Conditions?	GOOD	FAIR	Damaged	COMMENTS:
NG and GES Padlocks?	OPERATIONAL		NON-OPERATIONAL	COMMENTS:
Have the front lawns been mowed?	YES		NO	COMMENTS:
Conditon of the asphalt pavement	GOOD	FAIR	POOR	COMMENTS:
Conditon of the front sidewalks?	GOOD	FAIR	POOR	COMMENTS:
Conditon of the building foundations?	GOOD	FAIR	POOR	COMMENTS:
Are the requirements of the Site Management Plan being met?	YES		NO	COMMENTS:
Are there any needed changes?	YES		NO	COMMENTS:
Are the site records complete and up to date?	YES		NO	COMMENTS:

Miscellaneous				
Evidence of Trespassing	YES		NO	COMMENTS:
Litter	NONE	MINOR	SIGNIFICANT	COMMENTS:

Site Monitoring Wells		
Well ID.	***Location Secure***	
MW-1	YES	NO
MW-2	YES	NO
MW-3	YES	NO
MW-4	YES	NO
MW-5	YES	NO
MW-6	YES	NO
MW-7	YES	NO
MW-ES-8	YES	NO
MW-9	YES	NO
MW-ES-10S	YES	NO
MW-11	YES	NO
MW-12	YES	NO
MW-103	YES	NO

General Comments:

Site Management Plan Inspection Form
Sconondoa Street
Former MGP Site
Oneida, New York

Date: 7/10/2024 Time: 13:45

Technician: Kevin Leo Weather: Sunny 89

Soil Cover System		
Any signs of ground-intrusive activities?	No	COMMENTS:
Any soil disturbance regardless of quantity/extent?	No	COMMENTS:
Any surface erosion?	No	COMMENTS:
Any settlement?	No	COMMENTS:
Bare or sparsely-vegetated areas?	No	COMMENTS:
Excessive cracking or missing pavement?	No	COMMENTS:
Any other conditions affecting the thickness or the integrity of the soil cover system?	No	COMMENTS:

Site Wide		
Any repairs, maintenace or corrective actions since the last inspection?	No	COMMENTS:
Fence Condition?	Good	COMMENTS:
Gate Conditions?	Good	COMMENTS:
NG and GES Padlocks?	Operational	COMMENTS:
Have the front lawns been mowed?	Yes	COMMENTS:
Conditon of the asphalt pavement	Good	COMMENTS:
Conditon of the front sidewalks?	Good	COMMENTS:
Conditon of the building foundations?	Good	COMMENTS:
Are the requirements of the Site Management Plan being met?	Yes	COMMENTS:
Are there any needed changes?	No	COMMENTS:
Are the site records complete and up to date?	Yes	COMMENTS:

Miscellaneous		
Evidence of Trespassing	No	COMMENTS:
Litter	None	COMMENTS:

Site Monitoring Wells	
Well ID.	***Location Secure***
MW-1	Yes
MW-2	Yes
MW-3	Yes
MW-4	Yes
MW-5	Yes
MW-6	Yes
MW-7	Yes
MW-ES-8	Yes
MW-9	Yes
MW-ES-10S	Yes
MW-11	Yes
MW-12	Yes
MW-103	Yes

General Comments:

Site Management Plan Inspection Form
Sconondoa Street
Former MGP Site
Oneida, New York

Date: 4/10/2024 Time: 12:55

Technician: Kevin Leo Weather: Cloudy 60

Soil Cover System		
Any signs of ground-intrusive activities?	No	COMMENTS:
Any soil disturbance regardless of quantity/extent?	Yes	COMMENTS: Slight plow damage to front lawn
Any surface erosion?	No	COMMENTS:
Any settlement?	No	COMMENTS:
Bare or sparsely-vegetated areas?	No	COMMENTS:
Excessive cracking or missing pavement?	No	COMMENTS:
Any other conditions affecting the thickness or the integrity of the soil cover system?	No	COMMENTS:

Site Wide		
Any repairs, maintenace or corrective actions since the last inspection?	No	COMMENTS:
Fence Condition?	Good	COMMENTS:
Gate Conditions?	Good	COMMENTS:
NG and GES Padlocks?	Operational	COMMENTS:
Have the front lawns been mowed?	No	COMMENTS:
Conditon of the asphalt pavement	Good	COMMENTS:
Conditon of the front sidewalks?	Good	COMMENTS:
Conditon of the building foundations?	Good	COMMENTS:
Are the requirements of the Site Management Plan being met?	Yes	COMMENTS:
Are there any needed changes?	No	COMMENTS:
Are the site records complete and up to date?	Yes	COMMENTS:

Miscellaneous		
Evidence of Trespassing	No	COMMENTS:
Litter	None	COMMENTS:

Site Monitoring Wells	
Well ID.	***Location Secure***
MW-1	Yes
MW-2	Yes
MW-3	Yes
MW-4	Yes
MW-5	Yes
MW-6	Yes
MW-7	Yes
MW-ES-8	Yes
MW-9	Yes
MW-ES-10S	Yes
MW-11	Yes
MW-12	Yes
MW-103	Yes

General Comments:

Repaired plow damage on front lawn

Attachment 3: Annual Monitoring Report

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

February 18, 2025

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

Re: 2024 Annual Groundwater Monitoring Report
Oneida (Sconondoa Street) Former MGP Site
Oneida, NY
NYSDEC Site No. 7-27-008

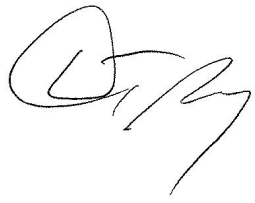
Dear Mr. Squire:

Enclosed is the 2024 Annual Groundwater Monitoring Report for the former manufactured gas plant (MGP) site located on Sconondoa Street in Oneida, NY. The Groundwater Monitoring Report details compliance site monitoring, groundwater sampling, and recommendations.

A few highlights from the report include:

- NAPL was not detected in any of the monitoring wells gauged during the year.
- Quarterly site inspections have been conducted. Overall, the site is in compliance and in good condition.

Very truly yours,



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

Enclosures

cc: Devin T. Shay - Groundwater & Environmental Services, Inc.

National Grid

2024 Groundwater Monitoring Report

National Grid Oneida Former MGP Site
215 Sconondoa Street
Oneida, NY
NYSDEC Site No 727008

February 2025

Version 1

2024 Groundwater Monitoring Report

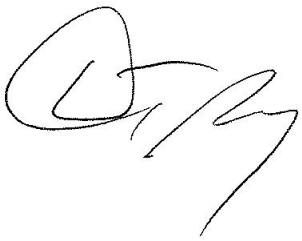
National Grid Oneida Site
215 Sconondoa Street
Oneida, NY

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

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

GES Project:
0603500.132410.221

Date:
February 18, 2025



Devin T. Shay, PG
Program Manager / Principal Hydrogeologist

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Figures

Tables

Appendices

Acronyms & Abbreviations

ASP	Analytical Services Protocol
BTEX	Benzene, Toluene, Ethylbenzene, and Total Xylenes
DUSR	Data Usability Summary Report
EPA	Environmental Protection Agency
Eurofins	Eurofins Environment Testing
GES	Groundwater & Environmental Services, Inc.
NAPL	Non-Aqueous Phase Liquid
NYSDEC	New York State Department of Environmental Conservation
MGP	Manufactured Gas Plant
OM&M	Operation, Maintenance, and Monitoring
PAH	Polycyclic Aromatic Hydrocarbons
QA/QC	Quality Assurance/Quality Control
SMP	Site Management Plan

1 Introduction

1.1 Introduction

Groundwater & Environmental Services, Inc. (GES) has prepared this 2024 Groundwater Monitoring Report on behalf of National Grid. This report compiles the groundwater monitoring activities completed in the Spring of 2024, and Fall of 2024 at the Oneida (Sconondoa Street) former manufactured gas plant (MGP) Site (the Site) located in Oneida, New York. The monitoring activities being conducted at the Site are based on the Site Management Plan (SMP) submitted by National Grid to the New York State Department of Environmental Conservation (NYSDEC) in September 2018, and approved by NYSDEC in December 2018.

1.2 Site Background

The Site is located at 215 Sconondoa Street in the City of Oneida, Madison County, New York, **Figure 1** provides a site location map. The approximately 2.1-acre property is identified as the Site. It is bordered by vacant City-owned properties to the north and west, Sconondoa Street to the south, and a privately-owned commercial property to the east. Currently the Site contains a vacant, single-story office building/garage and is surrounded by a six (6) foot high chain-link fence with barbed wire. A structure location map showing the location of features at the Site is presented as **Figure 2**.

The off-Site area occupies an area approximately 4.4 acres and comprises portions of several City of Oneida- or privately-owned properties along the alignment of an open drainage ditch, referred to as the "Tailrace", and an isolated area located at the confluence of the Tailrace and the Oneida Creek, referred to as the "Confluence".

Between 1896 and 1899 the manufactured gas plant was built on the Sconondoa Street property. The early gas works included coal retorts, a scrubber room, purifier room, lime storage room, a coal house, and a 25,000-cubic foot gas holder. Various modifications to the Site operations and the layout of the Site took place over time. In 1914 the electric plant was decommissioned a 100,000-cubic-foot distribution gas holder was installed on the north side of the Site. The New York Power and Light Corporation phased out the manufactured gas operations at the Site between 1928 and 1930. By 1964 all the MGP structures had been demolished to make way for the Niagara Mohawk Power Corporation service center. The Service Center Building was expanded in 1974 and has remained essentially unchanged since then.

1.3 Summary of Monitoring Activities

The following routine monitoring activities were conducted at the Site in 2024:

- Semi-Annual groundwater sampling was conducted in April 2024, and October 2024 at 13 monitoring wells. The samples were sent to Eurofins Environment Testing (Eurofins) to be analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), polycyclic aromatic

hydrocarbons (PAHs) and Cyanide. The analytical data reports provided by Eurofins were validated by GES.

- Monitoring wells were monitored for any detections of non-aqueous phase liquid (NAPL).
- Quarterly site-wide inspections were conducted. General maintenance of the Site grounds, including snow removal, vegetation removal, and building upkeep was completed, as necessary.

2 Groundwater Monitoring

2.1 General

The spring 2024 event was conducted on April 10, 2024, and the fall 2024 event was conducted on October 9, 2024. Monitoring wells MW-1 through MW-7, MW-ES-8, MW-9, MW-ES-10S, MW-11, MW-12, and MW-103 were sampled during these events. Samples collected were sent to Eurofins for laboratory analysis of BTEX, PAHs, and Cyanide. Static water levels were measured in each well prior to purging. Purging data for the wells, field parameters measured during purging, and the chain of custody for the samples are included in **Appendix A**. The groundwater level measurements are provided on **Table 1**. Groundwater contours are shown on **Figure 3** and **Figure 4**.

2.2 Non-Aqueous Phase Liquid (NAPL) Monitoring

In April 2024, and October 2024, NAPL was not detected while measuring the static water levels in all the monitoring wells as well as the recovery well. NAPL was last detected in May 2019, in monitoring well MW-6. NAPL measurements are provided on **Table 2**.

2.3 Groundwater Sampling Analytical Results

Groundwater samples were collected by GES from 13 monitoring wells on April 10, 2024, and October 9, 2024 (MW-1 through MW-7, MW-ES-8, MW-9, MW-ES-10S, MW-11, MW-12, and MW-103). Low-flow sampling techniques were used to purge groundwater from each monitoring well prior to collecting groundwater samples. Field parameters (consisting of turbidity, temperature, pH, conductivity, oxidation reduction potential [ORP], and dissolved oxygen) were measured approximately every 5 to 10 minutes during well purging, and the depth to water was monitored throughout the pumping process to minimize drawdown within the well. Well purging activities continued at each well until the field parameters stabilized and the turbidity of the water in the wells was reduced to less than 50 nephelometric turbidity units (NTUs). Groundwater field data is presented in **Appendix A**.

Following purging, groundwater samples were collected. The groundwater samples were bottled and shipped to Eurofins for laboratory analysis for BTEX (Environmental Protection Agency [EPA] Method 8260C), PAHs (EPA Method 8270D), as well as total cyanide (EPA Method 9012B).

Quality assurance/quality control (QA/QC) samples, including a field duplicate, matrix spike, and duplicate matrix spike were also submitted for laboratory analysis. The laboratory analytical results for the groundwater samples were reported using NYSDEC Analytical Services Protocol (ASP) Category B data deliverable packages to facilitate data validation.

Purge water generated during the sampling activities was collected in 5-gallon buckets and transferred into 55-gallon steel drums for characterization prior to offsite treatment/disposal in accordance with applicable regulations.

Analytical results from the laboratory analysis report are summarized in **Table 3** and compared to the Class GA groundwater standards and guidance values presented in TOGS 1.1.1. VOC, where exceedances are bolded. Analytical data is also shown on **Figure 5** and **Figure 6**. The Data Usability Summary Report (DUSR) is included in **Appendix B**.

In April 2024, monitoring wells MW-4, MW-ES-8, MW-11, MW-12, and MW-103 had no detections of any analyzed compound. Monitoring wells MW-1, MW-2, MW-3, MW-5, MW-9, MW-ES-10S had detections of one or more compounds below exceedance limits during the April 2024 sampling event. Monitoring wells MW-6 and MW-7 had exceedances of one or more compounds during the April 2024 sampling event.

In October 2024, MW-1, MW-6, and MW-7 had exceedances of one or more compound. Monitoring wells MW-2, MW-3, MW-5, MW-ES-8, MW-9, MW-ES-10S, and MW-11, had detections of one or more compounds below exceedance limits during the October 2024 sampling event. Monitoring wells MW-4, MW-12, and MW-103 had no detections of any analyzed compound in October 2024.

2.4 Analytical Results Data Validation

The analytical data reports provided by Eurofins for the April 2024, and October 2024 events were validated by GES. The primary objective of the data validation was to identify any questionable or invalid laboratory processes or data. The data validator reviewed all quality assurance/quality control information and the actual laboratory data to confirm the laboratory was operating within the required limits and results were correctly taken from the instruments.

The DUSRs for the groundwater monitoring including the validated laboratory data is presented in **Appendix B.**

3 Operation and Maintenance Activities

3.1 Quarterly Site-Wide Inspections

Quarterly site-wide inspections were conducted by GES and documented in inspection sheets. The vegetative cover, fence line, and security gates are inspected as part of site-wide inspection

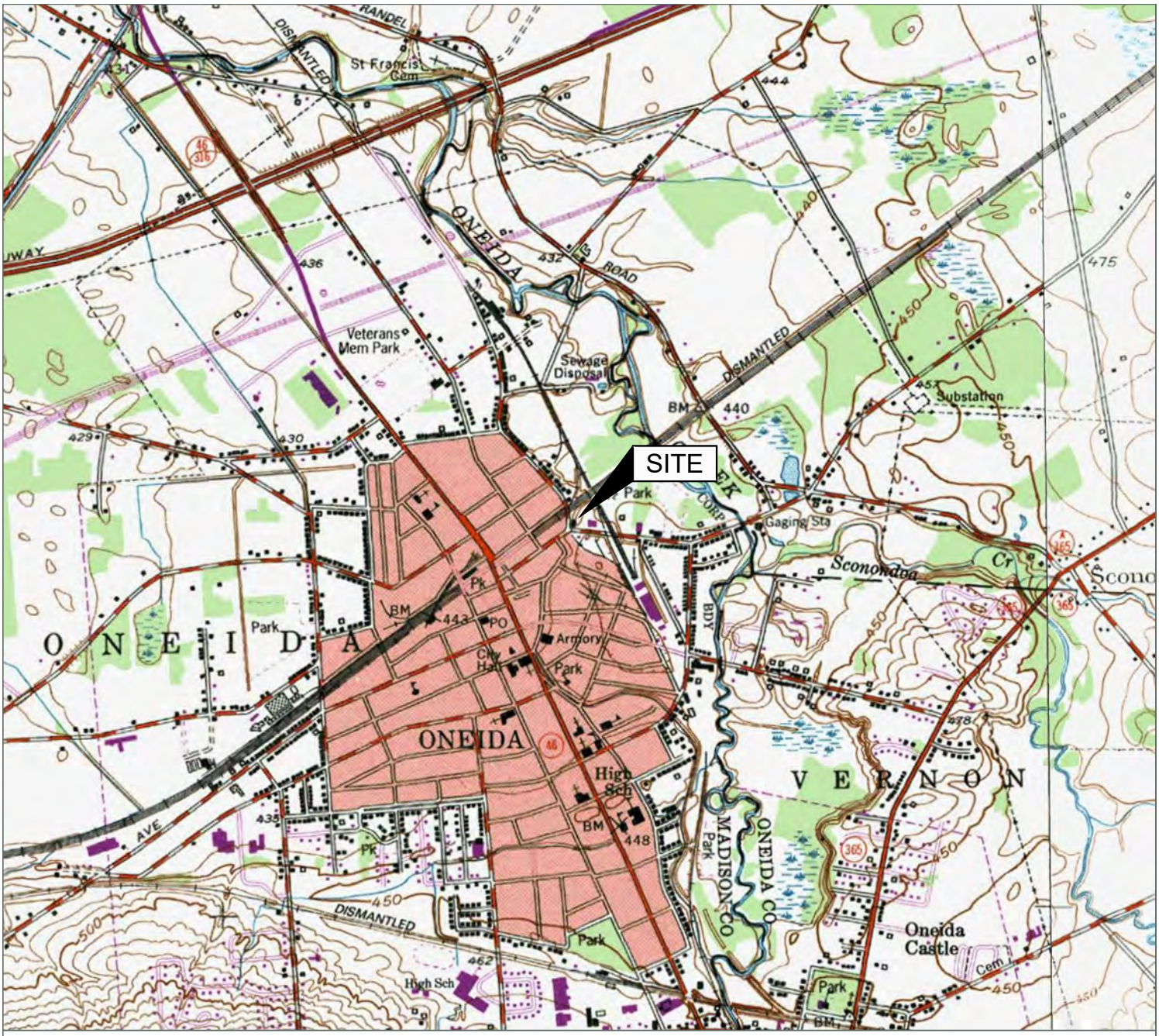
activities. Refer to **Appendix A** for photographs of the current site conditions, and to **Appendix C** for the quarterly inspection sheets.

3.2 Recommendations

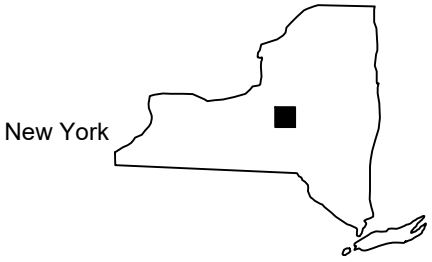
For 2024, GES recommends that the Operation, Maintenance, and Monitoring (OM&M) site program continue with the following elements:

- Perform semi-annual groundwater monitoring well sampling/analysis.
- Perform quarterly site-wide inspections. Conduct site maintenance, including routine snow removal, vegetation removal, and system/building upkeep.
- Perform semi-annual NAPL collection and disposal, as necessary.
- Prepare and submit the annual Groundwater Monitoring Report to NYSDEC.

Figures



Source:
USGS 7.5 Minute Series
Topographic Quadrangle, 1993
Oneida, New York
Contour Interval = 10'



Quadrangle Location

Site Location Map

National Grid
215 Sconondoa Street
Oneida, New York

Drawn W.G.S.
Designed
Approved

Date 9/24/20
Figure 1

N

Scale In Feet
0 2000

GES
Groundwater & Environmental Services, Inc.

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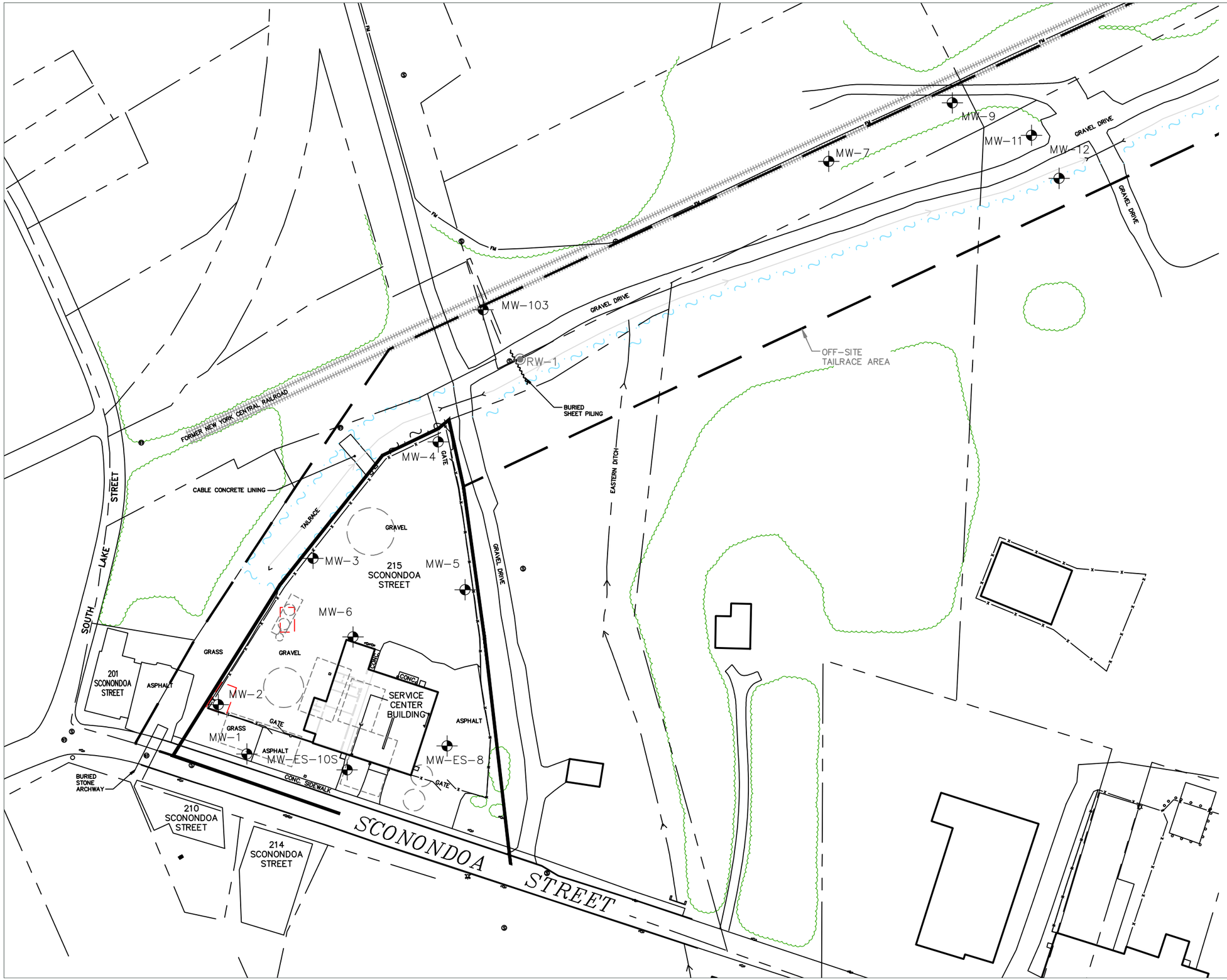

Site Map

National Grid
215 Sonondoa Street
Oneida, New York

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

Date
01/03/25
Figure
2

Scale In Feet
0 100

Groundwater & Environmental Services, Inc.

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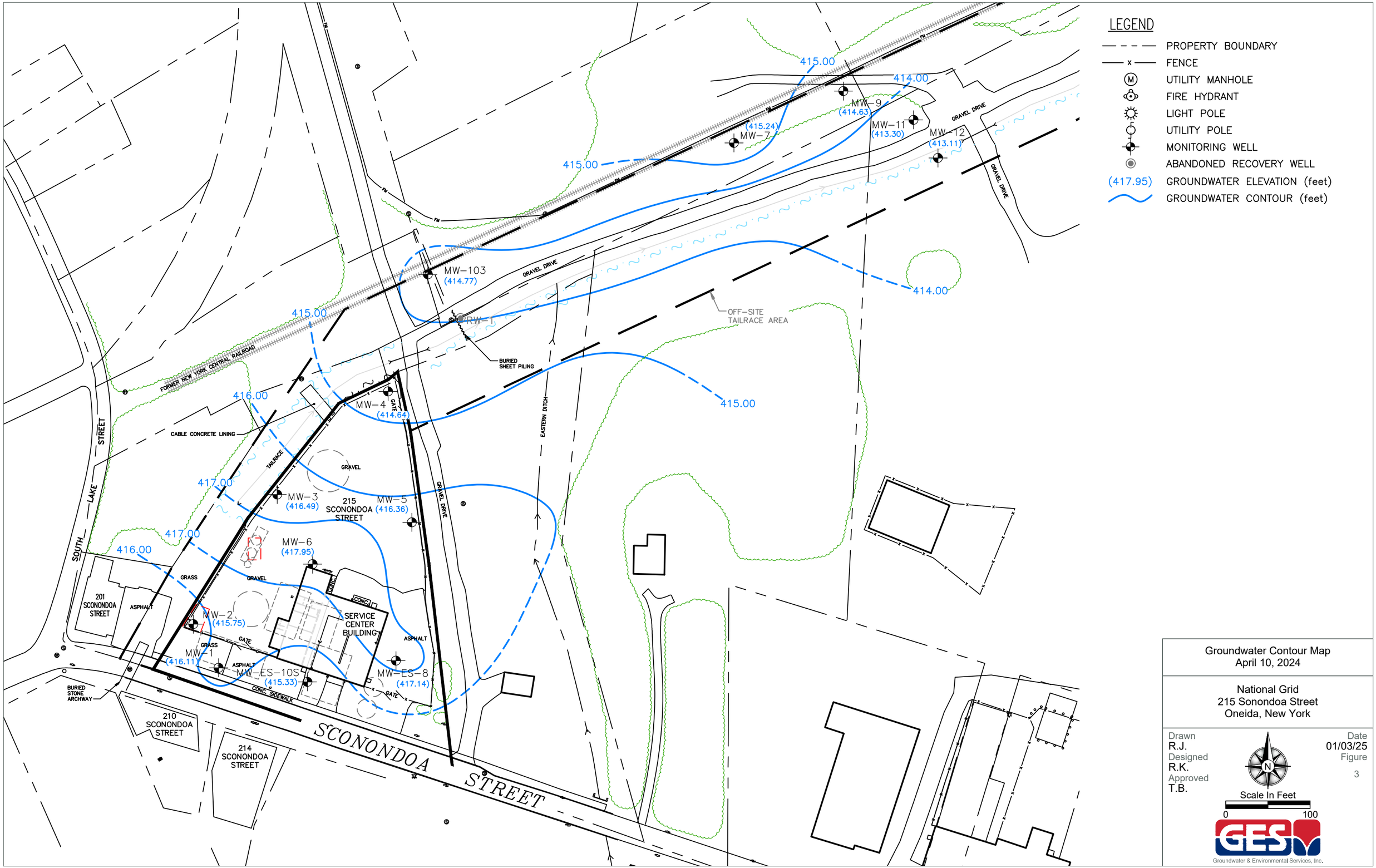

Groundwater Contour Map
April 10, 2024

National Grid
215 Sonondoa Street
Oneida, New York

Drawn	R.J.
Designed	R.K.
Approved	T.B.
Date	01/03/25
Figure	3

Scale In Feet
0 100

Groundwater & Environmental Services, Inc.

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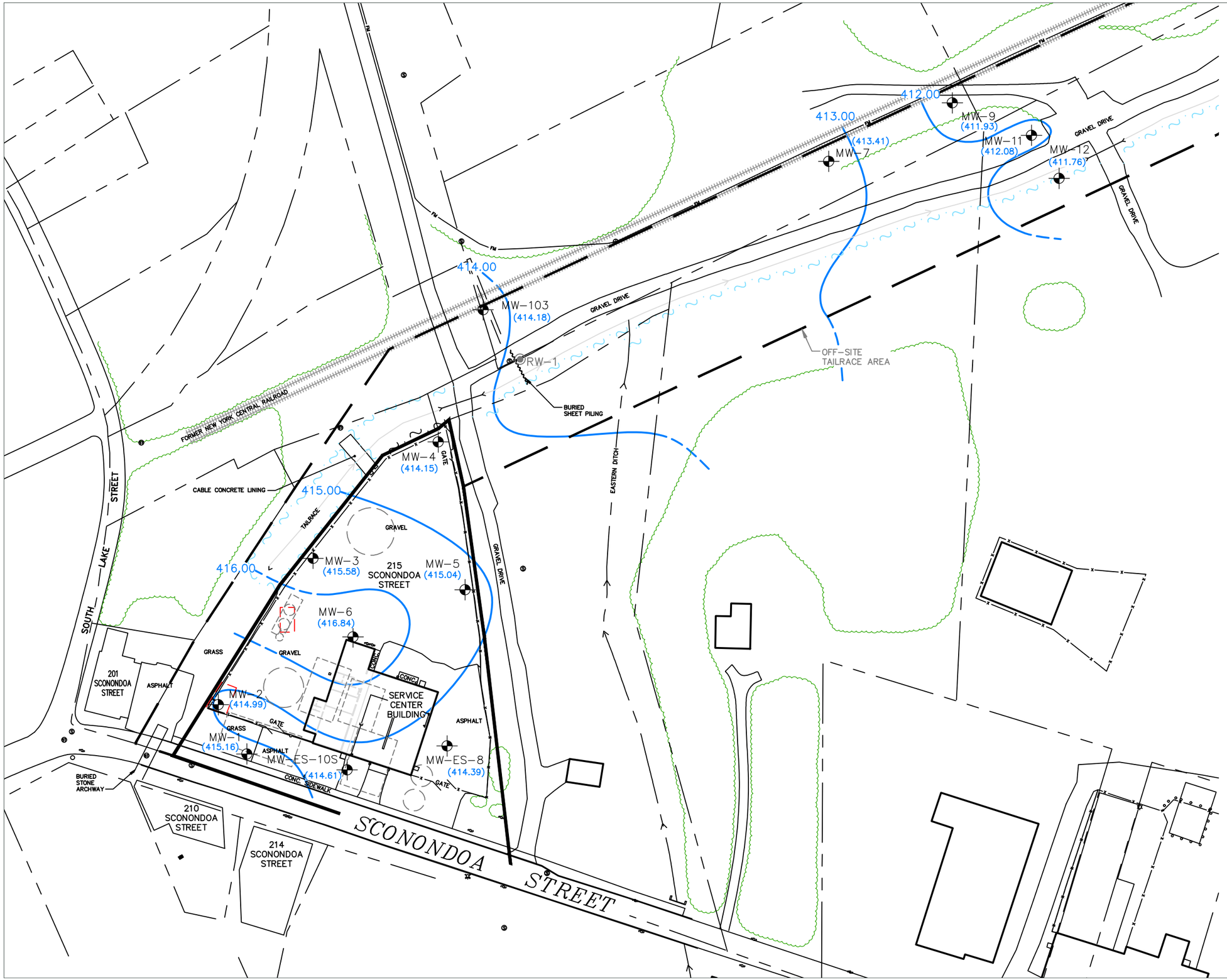

Groundwater Contour Map
October 9, 2024

National Grid
215 Sonondoa Street
Oneida, New York

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

Date 01/06/25
Figure 4

Scale In Feet
0 100

Groundwater & Environmental Services, Inc.

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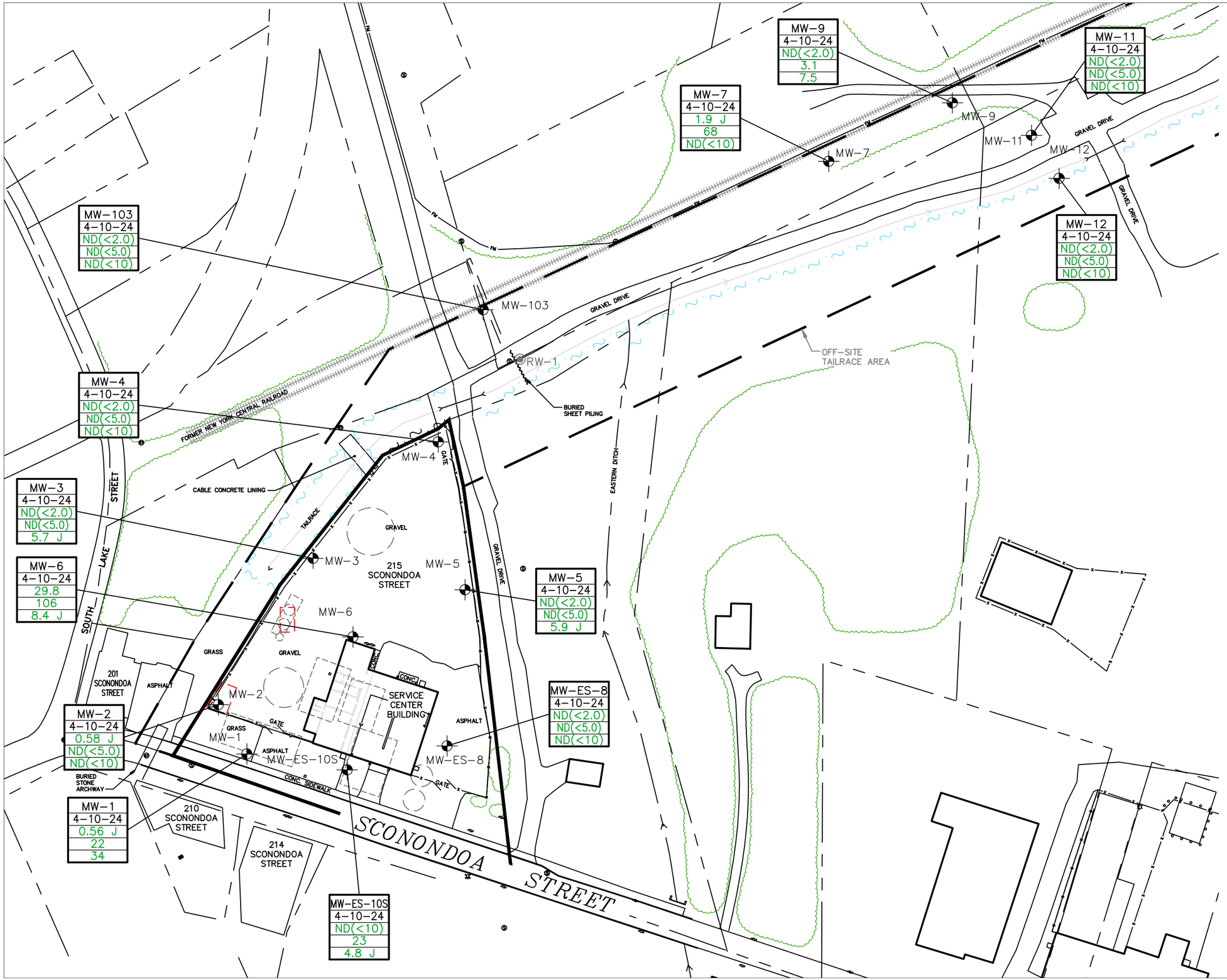


LEGEND

- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- LIGHT POLE
- UTILITY POLE
- MONITORING WELL
- ABANDONED RECOVERY WELL

MW-1
4-10-24
0.56 J
22
34

WELL IDENTIFICATION
SAMPLE DATE
BTEX CONCENTRATION (µg/L)
PAH CONCENTRATION (µg/L)
CYANIDE CONCENTRATION (µg/L)

µg/L	MICROGRAMS PER LITER
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
PAH	POLYCYCLIC AROMATIC HYDROCARBONS
ND	NOT DETECTED
J	ESTIMATED VALUE
(<#)	WHERE AN ANALYTE IS NOT DETECTED, A METHOD DETECTION LIMIT IS GIVEN

Groundwater Monitoring Map
April 10, 2024

National Grid
215 Sonondoa Street
Oneida, New York

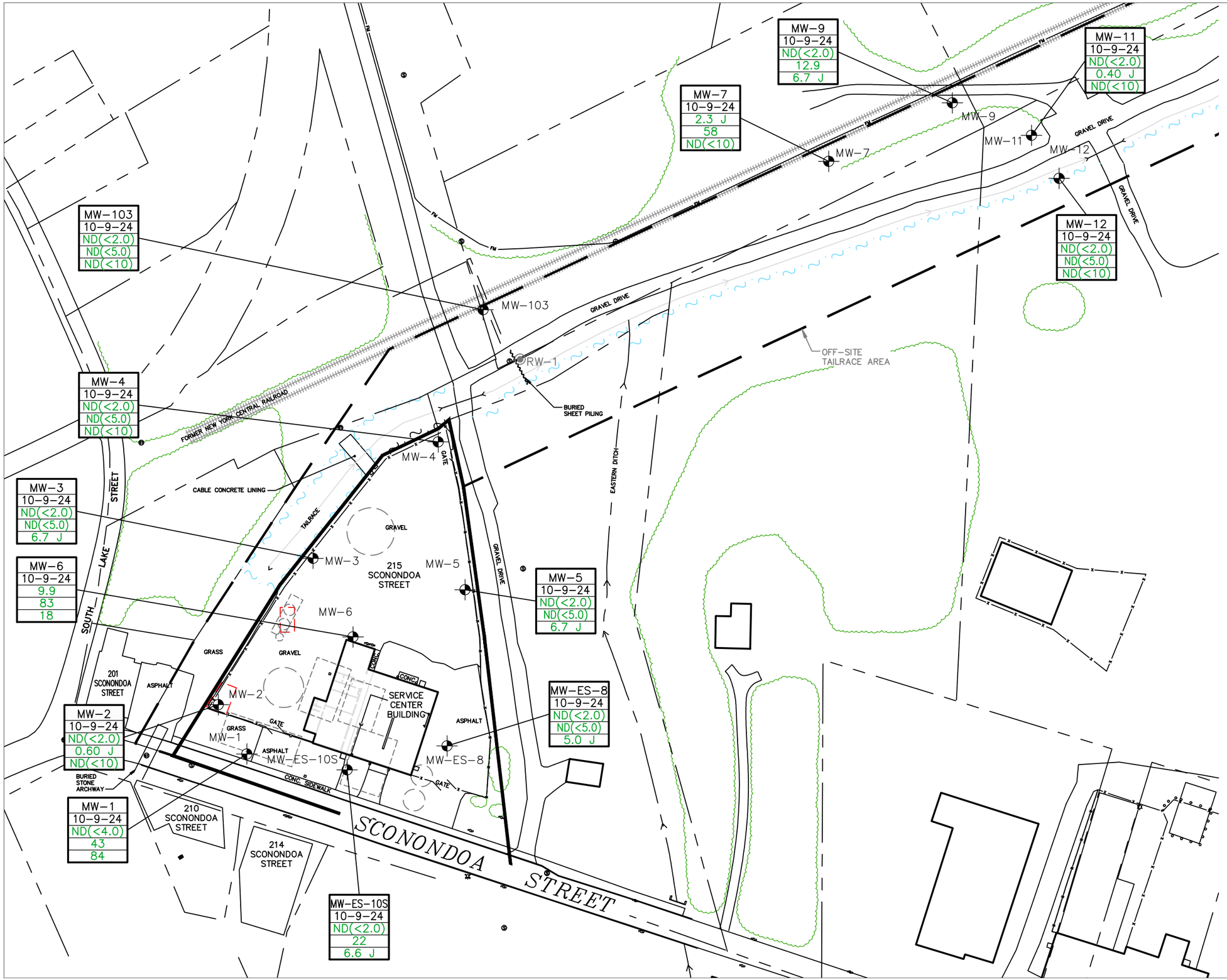
Drawn
R.J.
Designed
R.K.
Approved
T.B.

Date
01/06/25
Figure
5

Scale In Feet
0 100

Groundwater & Environmental Services, Inc.

N:\Graphics\Graphics\0600-Syracuse\Misc\National Grid\Oneida\Oneida SM.dwg, B100(CURRENT), rajones, 1:1



LEGEND

- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- LIGHT POLE
- UTILITY POLE
- MONITORING WELL
- ABANDONED RECOVERY WELL

MW-1
10-9-24
ND(<4.0)
43
84

WELL IDENTIFICATION
SAMPLE DATE
BTEX CONCENTRATION (µg/L)
PAH CONCENTRATION (µg/L)
CYANIDE CONCENTRATION (µg/L)

µg/L	MICROGRAMS PER LITER
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
PAH	POLYCYCLIC AROMATIC HYDROCARBONS
ND	NOT DETECTED
J	ESTIMATED VALUE
(<#)	WHERE AN ANALYTE IS NOT DETECTED, A METHOD DETECTION LIMIT IS GIVEN

Groundwater Monitoring Map
October 9, 2024

National Grid
215 Sonondoa Street
Oneida, New York

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

Date 01/06/25
Figure 6

Scale In Feet
0 100

Groundwater & Environmental Services, Inc.

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Tables

Table 1

Groundwater Level Measurements

Well ID	ELEVATION REFERENCE POINT	11/20/2014		6/23/2015		10/7/2015		12/28/2015		5/26/2016		10/13/2016		1/31/2017	
		Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)
MW-1	422.47	7.69	414.78	6.89	415.58	7.88	414.59	7.34	415.13	7.61	414.86	8.10	414.37	6.80	415.67
MW-2	421.89	7.20	414.69	6.47	415.42	7.31	414.58	6.92	414.97	7.16	414.73	7.60	414.29	6.55	415.34
MW-3	420.77	6.01	414.76	5.07	415.70	6.08	414.69	4.83	415.94	5.64	415.13	6.31	414.46	4.56	416.21
MW-4	419.72	5.93	413.79	5.30	414.42	5.98	413.74	5.78	413.94	5.94	413.78	6.05	413.67	6.56	413.16
MW-5	421.32	6.55	414.77	5.54	415.78	6.87	414.45	6.51	414.81	6.41	414.91	7.03	414.29	5.72	415.60
MW-6	422.21	5.52	416.69	4.46	417.75	6.02	416.19	5.58	416.63	5.59	416.62	6.23	415.98	4.68	417.53
MW-7	439.27	25.59	413.68	24.75	414.52	26.36	412.91	25.04	414.23	25.58	413.69	26.61	412.66	24.52	414.75
MW-ES-8	421.93	7.30	414.63	4.61	417.32	7.09	414.84	5.81	416.12	6.38	415.55	7.65	414.28	5.14	416.79
MW-9	437.43	24.82	412.61	23.59	413.84	25.86	411.57	24.03	413.40	24.84	412.59	26.53	410.90	23.22	414.21
MW-ES-10S	422.02	7.29	414.73	6.82	415.20	7.78	414.24	7.14	414.88	7.64	414.38	8.07	413.95	7.04	414.98
MW-11	420.37	8.30	412.07	4.58	415.79	8.54	411.83	8.02	412.35	8.32	412.05	8.69	411.68	8.48	411.89
MW-12	415.97	3.21	412.76	2.67	413.30	4.06	411.91	2.16	413.81	4.32	411.65	4.73	411.24	2.84	413.13
MW-103	440.82	26.80	414.02	26.67	414.15	27.26	413.56	26.64	414.18	27.04	413.78	27.56	413.26	26.65	414.17
RW-1	420.18	6.99	413.19	6.60	413.58	7.11	413.07	6.66	413.52	7.00	413.18	7.30	412.88	6.69	413.49

ft NGVD29 = vertical reference datum in the National Geodetic Verical Datum of 1929 (NGVD29).
ft bmp = Feet from below the measuring point.
GW = Groundwater.
NM = Not measured.
- = Monitoring well was destroyed/abandoned.

Table 1

Groundwater Level Measurements

Well ID	ELEVATION REFERENCE POINT	4/25/2017		7/26/2017		5/29/2018		5/29/2019		10/23/2019		5/28/2020		10/15/2020	
		Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)
MW-1	422.47	7.74	414.73	7.12	415.35	7.27	415.20	6.65	415.82	6.92	415.55	7.35	415.12	7.99	414.48
MW-2	421.89	6.44	415.45	6.71	415.18	6.89	415.00	6.31	415.58	6.55	415.34	6.80	415.09	7.42	414.47
MW-3	420.77	4.25	416.52	4.39	416.38	4.74	416.03	4.19	416.58	4.00	416.77	4.69	416.08	5.43	415.34
MW-4	419.72	5.41	414.31	5.69	414.03	6.77	412.95	5.39	414.33	5.55	414.17	5.69	414.03	5.95	413.77
MW-5	421.32	5.27	416.05	5.64	415.68	5.89	415.43	4.93	416.39	5.95	415.37	5.79	415.53	6.90	414.42
MW-6	422.21	4.51	417.70	4.24	417.97	4.70	417.51	4.42	417.79	4.82	417.39	5.61	416.60	5.67	416.54
MW-7	439.27	24.01	415.26	24.37	414.90	25.06	414.21	24.02	415.25	24.80	414.47	24.98	414.29	26.75	412.52
MW-ES-8	421.93	4.45	417.48	4.64	417.29	6.24	415.69	4.64	417.29	5.42	416.51	6.91	415.02	8.12	413.81
MW-9	437.43	22.55	414.88	23.18	414.25	24.34	413.09	22.90	414.53	23.70	413.73	24.18	413.25	26.44	410.99
MW-ES-10S	422.02	6.86	415.16	7.10	414.92	7.28	414.74	6.80	415.22	6.84	415.18	7.23	414.79	7.98	414.04
MW-11	420.37	7.30	413.07	7.67	412.70	8.11	412.26	7.34	413.03	7.70	412.67	8.00	412.37	8.72	411.65
MW-12	415.97	2.67	413.30	2.73	413.24	3.76	412.21	2.73	413.24	2.00	413.97	3.95	412.02	4.93	411.04
MW-103	440.82	26.49	414.33	26.49	414.33	26.82	414.00	26.29	414.53	26.42	414.40	26.70	414.12	27.48	413.34
RW-1	420.18	6.42	413.76	6.71	413.47	7.00	413.18	6.68	413.50	6.70	413.48	7.27	412.91	7.98	412.20

ft NGVD29 = vertical reference datum in the National Geodetic Verical Datum of 1929 (NGVD29).
ft bmp = Feet from below the measuring point.
GW = Groundwater.
NM = Not measured.
- = Monitoring well was destroyed/abandoned.

Table 1

Groundwater Level Measurements

Well ID	ELEVATION REFERENCE POINT	4/21/2021		10/14/2021		4/20/2022		10/12/2022		4/12/2023		10/12/2023		4/10/2024		10/9/2024	
		Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)	Depth to Water (ft bmp)	GW Elevation (ft NGVD29)
MW-1	422.47	7.20	415.27	7.23	415.24	6.58	415.89	7.26	415.21	6.20	416.27	7.19	415.28	6.36	416.11	7.31	415.16
MW-2	421.89	6.70	415.19	6.70	415.19	6.09	415.80	6.74	415.15	6.02	415.87	6.78	415.11	6.14	415.75	6.90	414.99
MW-3	420.77	4.81	415.96	4.86	415.91	3.24	417.53	4.96	415.81	4.02	416.75	4.98	415.79	4.28	416.49	5.19	415.58
MW-4	419.72	5.52	414.20	5.60	414.12	4.94	414.78	5.37	414.35	4.92	414.80	5.47	414.25	5.08	414.64	5.57	414.15
MW-5	421.32	5.88	415.44	5.87	415.45	4.97	416.35	5.89	415.43	4.55	416.77	6.14	415.18	4.96	416.36	6.28	415.04
MW-6	422.21	5.40	416.81	5.91	416.30	3.53	418.68	4.93	417.28	4.05	418.16	5.34	416.87	4.26	417.95	5.37	416.84
MW-7	439.27	25.04	414.23	24.17	415.10	23.78	415.49	25.70	413.57	23.71	415.56	25.54	413.73	24.03	415.24	25.86	413.41
MW-ES-8	421.93	7.05	414.88	6.98	414.95	3.91	418.02	7.33	414.60	4.38	417.55	7.01	414.92	4.79	417.14	7.54	414.39
MW-9	437.43	24.51	412.92	24.60	412.83	22.16	415.27	25.12	412.31	21.95	415.48	25.12	412.31	22.80	414.63	25.50	411.93
MW-ES-10S	422.02	7.13	414.89	7.22	414.80	6.39	415.63	7.33	414.69	6.52	415.50	7.30	414.72	6.69	415.33	7.41	414.61
MW-11	420.37	2.91	417.46	8.05	412.32	7.03	413.34	8.02	412.35	7.00	413.37	8.05	412.32	7.07	413.30	8.29	412.08
MW-12	415.97	3.45	412.52	3.60	412.37	2.30	413.67	4.10	411.87	2.62	413.35	3.59	412.38	2.86	413.11	4.21	411.76
MW-103	440.82	26.57	414.25	26.82	414.00	25.82	415.00	26.65	414.17	25.95	414.87	26.90	413.92	26.05	414.77	26.64	414.18
RW-1	420.18	8.61	411.57	6.71	413.47	5.82	414.36	2.60	417.58	-	-	-	-	-	-	-	-

ft NGVD29 = vertical reference datum in the National Geodetic Verical Datum of 1929 (NGVD29).
ft bmp = Feet from below the measuring point.
GW = Groundwater.
NM = Not measured.
- = Monitoring well was destroyed/abandoned.

Table 2

NAPL Thickness

Well ID	11/20/2014	6/23/2015	10/7/2015	12/28/2015	5/26/2016	10/13/2016	1/31/2017	4/25/2017	7/26/2017	5/29/2018	5/29/2019	10/23/2019	5/28/2020	10/15/2020	4/21/2021	10/14/2021	4/20/2022	10/12/2022	4/12/2023	10/12/2023	4/10/2024	10/9/2024
MW-1	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-2	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-3	NP	NP	NP	NP	Trace	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-4	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-5	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-6	NP	NP	Trace	0.35	0.25	0.11	0.37	0.07	0.09	Trace	0.02	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-7	NP	NP	NP	NP	Trace	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-ES-8	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-9	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-ES-10S	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-11	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-12	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
MW-103	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
RW-1	NP	Trace	Trace	Trace	Trace	NP	NP	Trace	NP	Trace	NP	NP	NP	NP	NP	NP	NP	NP	-	-	-	-

Notes

All measurements are recorded in feet.

NP = No NAPL was detected in the well.

NM = Not measured.

Trace = Immeasureable thickness of NAPL detected in well, or observed on oil-water interface probe during gauging.

- = Monitoring well was destroyed/abandoned.

Table 3

Groundwater Analytical Data
MW-1

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/24/14	06/24/15	12/28/15	10/14/16	04/26/17	05/31/18	05/30/19	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	**89.3 J**	**8.2**	**8.0**	**16.1**	**2.2**	**8**	**3**	**28.7**	**3.0**	**12.5**	ND (<1.0)	**6.3**	ND (<1.0)	**3.0**	ND (<1.0)	**3.1**	0.56 J	ND (<2.0)
Ethylbenzene	µg/L	5	**24.4 J**	0.95 J	1.5	4.0	0.63 J	4	1	3.9	1.5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<2.0)
Toluene	µg/L	5	**27.9**	0.50 J	ND (<1.0)	0.58 J	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<2.0)
Xylenes, Total	µg/L	5	**81.8**	**8.6**	2.5	3.7	1.0	2	ND (<5.0)	4.2	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)	ND (<4.0)
PAHs																				
Acenaphthene	µg/L	20	**24**	9.7	13.2	**26.8**	6.8	**27**	16	15.5	7.4	10.9	11.2	17.4	7.7	15.2	15.4	13	13	**22**
Acenaphthylene	µg/L	NC	5.7	3.8	4.6	6.8	0.84 J	2	0.7	0.71	0.35	0.62	ND (<0.098)	0.7	0.30	0.49	0.48	0.36	ND (<5.0)	0.55 J
Anthracene	µg/L	50	3.3	1.6 J	1.6 J	2.3	ND (<1.0)	2	0.7	2.5	0.41	0.56	0.55	0.86	0.36	0.68	0.88	0.38	0.46 J	1.0 J
Benzo(a)anthracene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	**0.03 J**	**0.27**	ND (<0.095)	ND (<0.12)	ND (<0.098)	ND (<0.10)	ND (<0.099)	ND (<0.10)	0.12	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	**0.12**	ND (<0.095)	ND (<0.12)	ND (<0.098)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<1.0)	ND (<0.5)	**0.02 J**	**0.14**	ND (<0.095)	ND (<0.12)	ND (<0.098)	ND (<0.10)	ND (<0.099)	ND (<0.10)	**0.11**	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.098)	ND (<0.095)	ND (<0.12)	ND (<0.098)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.098)	ND (<0.095)	ND (<0.12)	ND (<0.098)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	**0.03 J**	**0.2**	ND (<0.095)	ND (<0.12)	ND (<0.098)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.098)	ND (<0.095)	ND (<0.12)	ND (<0.098)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	3.4	1.5 J	2.3 J	2.0	ND (<1.0)	1	0.7	3.2	0.51	0.88	0.51	1.1	0.48	1.2	1.1	1.4	0.93 J	1.8 J
Fluorene	µg/L	50	13.3	5.4	3.8 J	4.9	1.4	8	6	8.1	2.8	3.8	3.0	6.5	2.7	5.6	6.5	4.1	5.1	12
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.098)	ND (<0.095)	ND (<0.12)	ND (<0.098)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	3.8	2.5	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	0.44	ND (<0.095)	0.34	ND (<0.098)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.099)	NA	NA
Naphthalene	µg/L	10	ND (<2.0)	9.6	3.5	**17.3**	1.2	3	4	**22.6**	0.89	8.0	1.4	1.4	3.4	2.3	0.41	4.6	1.8 J	3.5 J
Phenanthrene	µg/L	50	8.5	6.8	1.1 J	13.9	ND (<1.0)	6	3	5.2	0.99	0.18	0.65	0.19	ND (<0.099)	ND (<0.10)	0.27	ND (<0.099)	ND (<5.0)	0.87 J
Pyrene	µg/L	50	2.5	1.0 J	1.6 J	1.2 J	ND (<1.0)	0.9	0.5	2.2	0.34	0.61	0.32	0.68	0.32	0.75	0.75	0.91	0.58 J	1.2 J
Cyanide																				
Cyanide	µg/L	200	38	31	49	100	20	62	48	ND (<10)	76	99	42	69	30	81	48	78	34	84

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-2

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/24/14	06/24/15	12/28/15	10/13/16	05/10/17	05/31/18	05/30/19	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	**31.4**	0.50 U	**61.4 J**	**41.6**	0.6 [1.5]	ND (<1)	ND (<1)	ND (<1.0)	**9.4**	**1.3**	ND (<1.0)	ND (<1.0)	**7.8**	ND (<1.0)	1.0	ND (<1.0)	0.58 J	ND (<1.0)
Ethylbenzene	µg/L	5	1.0	ND (<1.0)	0.67 J	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Xylenes, Total	µg/L	5	1.3	ND (<1.0)	0.37 J	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<5)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)	ND (<2.0)
PAHs																				
Acenaphthene	µg/L	20	**34.8**	0.36 J	**30.1**	13.7	ND (<1.1)	2	ND (<0.05)	1.2	1.7	4.3	0.13	ND (<0.11)	1.0	0.16	ND (<0.10)	4.1	ND (<5.0)	0.60 J
Acenaphthylene	µg/L	NC	7.3	ND (<2.0)	7.0	2.1	ND (<1.1)	0.3 J	ND (<0.05)	0.18	0.26	0.58	ND (<0.098)	ND (<0.11)	0.14	ND (<0.10)	ND (<0.10)	0.70	ND (<5.0)	ND (<5.0)
Anthracene	µg/L	50	1.8 J	ND (<2.0)	1.3 J	ND (<2.0)	ND (<1.1)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(a)anthracene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.1)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.1)	ND (<1.1)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.1)	ND (<1.1)	ND (<0.5)	**0.02 J**	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.1)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.1)	ND (<0.5)	**0.04 J**	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.1)	ND (<0.5)	**0.01 J**	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.1)	ND (<1.1)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	1.5 J	ND (<2.0)	1.1 J	0.71 J	ND (<1.1)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	0.18	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Fluorene	µg/L	50	17	ND (<2.0)	13.8 J	5.6	ND (<1.1)	0.9	ND (<0.05)	0.38	0.54	1.0	ND (<0.098)	ND (<0.11)	0.28	ND (<0.10)	ND (<0.10)	1.3	ND (<5.0)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.1)	ND (<1.1)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.1)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	0.12	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	NA	NA
Naphthalene	µg/L	10	1.3 J	ND (<2.0)	1.2 J	ND (<2.0)	ND (<1.1)	0.6	ND (<0.07)	ND (<0.10)	0.32	0.24	ND (<0.098)	ND (<0.11)	2.7	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Phenanthrene	µg/L	50	9.0	ND (<2.0)	5.3 J	0.51 J	ND (<1.1)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	0.25	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Pyrene	µg/L	50	1.1 J	ND (<2.0)	0.88 J	0.60 J	ND (<1.1)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	0.17	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Cyanid																				
Cyanide	µg/L	200	11	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	110	ND (<10)	ND (<10)	12	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-3

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/21/14	06/24/15	12/30/15	10/14/16	04/25/17	05/30/18	05/30/19	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	0.26 J	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Xylenes, Total	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<5)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)	ND (<2.0)
PAHs																				
Acenaphthene	µg/L	20	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Acenaphthylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Anthracene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(a)anthracene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	**0.22**	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	**0.23**	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	**0.38**	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	0.19	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	**0.18**	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	**0.24**	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	0.32	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Fluorene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	**0.18**	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	NA	NA
Naphthalene	µg/L	10	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	0.20	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Phenanthrene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	0.11	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Pyrene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	0.32	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Cyanid																				
Cyanide	µg/L	200	42	24	ND (<10)	16	ND (<10)	8.1 J	ND (<10)	ND (<10)	ND (<10)	11	ND (<10)	ND (<10)	11	ND (<10)	ND (<10)	ND (<10)	5.7 J	6.7 J

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-4

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/21/14	06/23/15	12/30/15	10/14/16	04/25/17	05/30/18	05/30/19	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	0.39 J	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Xylenes, Total	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<5)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)	ND (<2.0)
PAHs																				
Acenaphthene	µg/L	20	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Acenaphthylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Anthracene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(a)anthracene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Fluorene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	NA	NA
Naphthalene	µg/L	10	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Phenanthrene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Pyrene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Cyanide																				
Cyanide	µg/L	200	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-5

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/24/14	06/23/15	12/28/15	10/13/16	04/25/17	05/30/18	05/30/19	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Xylenes, Total	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<5)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)	ND (<2.0)
PAHs																				
Acenaphthene	µg/L	20	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	0.12	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Acenaphthylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	ND (<0.095)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Anthracene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	ND (<0.095)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(a)anthracene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	ND (<0.095)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	ND (<0.095)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	ND (<0.095)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	ND (<0.095)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	ND (<0.095)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	ND (<0.095)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.099)	ND (<0.095)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	0.13	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Fluorene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	ND (<0.095)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	ND (<0.095)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.099)	0.1	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	NA	NA
Naphthalene	µg/L	10	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.099)	0.12	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Phenanthrene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.099)	0.22	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Pyrene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.099)	0.15	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Cyanide																				
Cyanide	µg/L	200	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	6.7 J	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	12	11	11	ND (<10)	5.9 J	6.7 J

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-6

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/24/14	06/23/15	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds															
Benzene	µg/L	1	**135**	**28.4**	**7.9**	**10.1**	**82.5**	ND (<1.0)	**9.1**	**1.3**	**11.8**	**4.3**	**22.1**	**22**	**9.9**
Ethylbenzene	µg/L	5	**175**	**25.0**	4.1	**23.1**	**20.3**	3.7	**2.9**	ND (<1.0)	**3.1**	3.1	1.7	3.8 J	ND (<5.0)
Toluene	µg/L	5	**6.3**	1.0	ND (<1.0)	ND (<1.0)	2.2	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<5.0)	ND (<5.0)
Xylenes, Total	µg/L	5	**217**	**34.4**	**6.6**	**31.3**	**32.5**	4.5	3.7	ND (<3.0)	3.7	3.5	3.9	4.0 J	ND (<10)
PAHs															
Acenaphthene	µg/L	20	**205**	**51.3**	**49.9**	**78.0**	**119**	**23.7**	**47.6**	**21.1**	**73.2**	**20.8**	**22.7**	**33**	**22 J**
Acenaphthylene	µg/L	NC	6.2 J	ND (<2.0)	1.7	14.9	11.4	ND (<0.11)	2.6	5.1	7.4	1.7	1.5	0.80 J	ND (<25)
Anthracene	µg/L	50	9.6 J	1.7 J	9.0	48.0	48.6	3.6	3.1	3.9	25.0	0.9	3.6	8.4	6.5 J
Benzo(a)anthracene	µg/L	0.002	ND (<20)	ND (<2.0)	**3.5**	**33.7**	**31.8**	**2.0**	**3.1**	**8.9**	**13.4**	**2.1**	**3.7**	**0.79**	**2.0 J**
Benzo(a)pyrene	µg/L	0.002	ND (<20)	ND (<2.0)	**2.7**	**26.0**	**24.5**	**1.8**	**2.4**	**6.7**	**11.1**	**1.8**	**2.9**	ND (<5.0)	ND (<25)
Benzo(b)fluoranthene	µg/L	0.002	ND (<20)	ND (<2.0)	**3.1**	**21.0**	**21.4**	**1.7**	**2.9**	**8.5**	**13.2**	**1.9**	**3.0**	**0.45 J**	ND (<25)
Benzo(g,h,i)perylene	µg/L	NC	ND (<20)	ND (<2.0)	0.87	9.0	8.2	0.85	0.93	3.1	4.6	0.59	0.91	ND (<5.0)	ND (<25)
Benzo(k)fluoranthene	µg/L	0.002	ND (<20)	ND (<2.0)	**2.9**	**9.4**	**7.6**	**0.58**	**2.5**	**7.8**	**12.0**	**1.6**	**2.3**	ND (<5.0)	ND (<25)
Chrysene	µg/L	0.002	ND (<20)	0.22 J	**2.8**	**21.5**	**23.6**	**1.6**	**2.0**	**7.3**	**10.4**	**1.3**	**2.3**	**0.68 J**	**1.8 J**
Dibenzo(a,h)anthracene	µg/L	NC	ND (<20)	ND (<2.0)	0.3	3.0	2.8	0.27	0.29	ND (<1.0)	1.5	0.16	0.27	ND (<5.0)	ND (<25)
Fluoranthene	µg/L	50	4.8 J	3.4	11.4	**70.6**	**72**	4.2	9.6	15.9	35.5	5.9	9.9	6.6	7.6 J
Fluorene	µg/L	50	**58.3**	13.3	16.4	**50.8**	**59.5**	11.2	4.0	2.2	38.9	1.4	5.0	15	12 J
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<20)	ND (<2.0)	**0.80**	**9.1**	**8.10**	**0.75**	**0.86**	**2.7**	**4.2**	**0.6**	**1.0**	ND (<5.0)	ND (<25)
2-Methylnaphthalene	µg/L	NC	511	56.0	ND (<0.099)	78.2	101	20.4	1.2	ND (<1.0)	27.7	ND (<0.098)	ND (<0.11)	NA	NA
Naphthalene	µg/L	10	**1,890**	**118**	ND (<0.099)	**92.7**	**186**	**48.2**	4.7	ND (<1.0)	**27.9**	ND (<0.098)	0.30	3.7 J	ND (<25)
Phenanthrene	µg/L	50	**62.6**	**12.6**	40.9	**130**	**179**	16.7	2	6.3	**82.2**	1.1	3.5	30	23 J
Pyrene	µg/L	50	4.2 J	2.9	12.1	**76.4**	**75.9**	4.6	10.2	18.6	37.8	6.4	9.8	6.9	7.9 J
Cyanide															
Cyanide	µg/L	200	28	7.4 B	14	ND (<10)	18	ND (<10)	ND (<10)	16	19	13	30	8.4 J	18

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-7

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/20/14	06/25/15	12/29/15	10/13/16	04/25/17	05/30/18	05/30/19	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	1.0	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<2.0)
Ethylbenzene	µg/L	5	**13.6**	1.5	ND (<1.0)	1.8	**9.9**	ND (<1)	ND (<1)	1.7	ND (<1.0)	1.4	1.4	ND (<1.0)	ND (<1.0)	1.4	ND (<1.0)	1.2	ND (<1.0)	ND (<2.0)
Toluene	µg/L	5	0.52 J	1.2	ND (<1.0)	ND (<1.0)	0.95 J	ND (<1)	0.7 J	1.3	1.5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<2.0)
Xylenes, Total	µg/L	5	**9.4**	4.0	0.40 J	2.3	**7.3**	ND (<1)	ND (<5)	1.5	1.3	2.0	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	1.9 J	2.3 J
PAHs																				
Acenaphthene	µg/L	20	**55.5**	**21.7**	12.5	15.4	**43.3**	**29**	**34**	11.0	17.8	19.5	**24.6**	**22.6**	**24.0**	**29.9**	**22.1**	**23.6**	**31**	**25**
Acenaphthylene	µg/L	NC	1.5 J	1.0 J	0.78 J	0.83 J	1.8	1	1	0.67	1.2	1.2	ND (<0.10)	1.3	1.1	1.5	1.2	1.0	1.0 J	0.83 J
Anthracene	µg/L	50	9.6	2.5	0.69 J	0.37 J	2.9	1	3	0.49	1.0	0.51	1.1	0.61	0.86	0.53	0.91	0.51	1.1 J	0.69 J
Benzo(a)anthracene	µg/L	0.002	ND (<2.0)	0.27 J	ND (<2.0)	ND (<2.1)	0.44 J	0.2	**0.3**	**0.25**	**0.28**	**0.16**	**0.28**	**0.13**	**0.14**	**0.11**	**0.16**	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<5.2)	ND (<1.0)	ND (<0.5)	**0.1**	**0.12**	**0.14**	ND (<0.096)	**0.21**	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<5.2)	ND (<1.0)	ND (<0.5)	**0.1**	ND (<0.11)	**0.12**	ND (<0.096)	**0.18**	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<1.0)	ND (<0.5)	0.03 J	ND (<0.11)	ND (<0.095)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<1.0)	ND (<0.5)	**0.04 J**	ND (<0.11)	ND (<0.095)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<1.0)	**0.1 J**	**0.2**	**0.19**	**0.17**	**0.12**	**0.21**	ND (<0.099)	**0.11**	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<5.2)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.11)	ND (<0.095)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	5.2	2.9	1.0 J	0.52 J	2.6	1	2	0.76	0.99	0.61	0.92	0.61	0.86	0.58	0.85	0.51	0.79 J	0.64 J
Fluorene	µg/L	50	26.6	7.1	4.1	5.1	14.3	11	14	3.6	6.8	6.3	8.4	7.5	7.3	9.1	7.8	7.0	10	8.1
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<5.2)	ND (<1.0)	ND (<0.5)	**0.04 J**	ND (<0.11)	ND (<0.095)	ND (<0.096)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	36.1	2.4	2.0 U	ND (<2.1)	3.1	2	3	0.68	1.3	0.47	9.8	0.85	1.2	1.2	2.1	2.0	NA	NA
Naphthalene	µg/L	10	**88**	2.4	0.75 J	0.76 J	**17.7**	6	10	6.5	6.3	6.5	**28.8**	7.6	8.7	10.0	**12.4**	12.8	**18**	**19**
Phenanthrene	µg/L	50	46.5	8.0	2.5	1.7 J	13.3	6	13	1.8	3.9	1.9	5.6	2.5	3.8	2.7	4.0	2.6	5.2	3.5 J
Pyrene	µg/L	50	4.6	2.9	1.1 J	0.49 J	2.4	1	2	0.82	1.0	0.62	0.99	0.61	0.89	0.56	0.85	0.49	0.75 J	0.58 J
Cyanide																				
Cyanide	µg/L	200	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	10	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-ES-8

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/24/14	06/23/15	12/28/15	10/13/16	04/25/17	05/30/18	05/30/19	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	0.7 J	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Xylenes, Total	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<5)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)	ND (<2.0)
PAHs																				
Acenaphthene	µg/L	20	10.1	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	0.15	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Acenaphthylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Anthracene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(a)anthracene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Fluorene	µg/L	50	2.9	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	0.17	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	NA	NA
Naphthalene	µg/L	10	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	0.29	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Phenanthrene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	0.15	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Pyrene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Cyanide																				
Cyanide	µg/L	200	15	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	16	ND (<10)	ND (<10)	ND (<10)	ND (<10)	13	ND (<10)	ND (<10)	5.0 J

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-9

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/20/14	06/25/15	12/29/15	10/17/16	04/27/17	05/29/18	05/29/19	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	µg/L	5	ND (<1.0)	0.82 J	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	µg/L	5	0.29 J	0.94 J	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	0.7 J	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Xylenes, Total	µg/L	5	1.3	1.9	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<5)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)	ND (<2.0)
PAHs																				
Acenaphthene	µg/L	20	**41.9**	**41.4**	**24.3**	14.8	3.0	0.2 J	2	6.6	4.7	1.8	ND (<0.098)	2.0	18.1	8.0	6.2	2.8	2.1 J	9.2
Acenaphthylene	µg/L	NC	13.7	8.8	1.6 J	2.1	ND (<1.0)	ND (<0.5)	0.09	0.34	0.31	0.34	ND (<0.098)	0.25	0.54	0.31	0.18	0.18	ND (<5.0)	ND (<5.0)
Anthracene	µg/L	50	6.7	6.3	3.1	3.5	ND (<1.0)	ND (<0.5)	0.01 J	ND (<0.12)	ND (<0.10)	ND (<0.095)	ND (<0.098)	ND (<0.11)	5.0	ND (<0.10)	0.41	ND (<0.12)	ND (<5.0)	ND (<5.0)
Benzo(a)anthracene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	**0.02 J**	**0.13**	ND (<0.10)	ND (<0.095)	ND (<0.098)	ND (<0.11)	**0.18**	0.11	ND (<0.096)	ND (<0.12)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	**0.02 J**	ND (<0.12)	ND (<0.10)	ND (<0.095)	ND (<0.098)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.096)	ND (<0.12)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	**0.02 J**	ND (<0.12)	ND (<0.10)	ND (<0.095)	ND (<0.098)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.096)	ND (<0.12)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.12)	ND (<0.10)	ND (<0.095)	ND (<0.098)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.096)	ND (<0.12)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.12)	ND (<0.10)	ND (<0.095)	ND (<0.098)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.096)	ND (<0.12)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	**0.03 J**	ND (<0.12)	ND (<0.10)	ND (<0.095)	ND (<0.098)	ND (<0.11)	**0.13**	ND (<0.10)	ND (<0.096)	ND (<0.12)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.12)	ND (<0.10)	ND (<0.095)	ND (<0.098)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.096)	ND (<0.12)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	3.6	2.8	1.5 J	2.3	1.0	0.9 J	1	3.2	1.9	1.7	2.8	1.5	3.0	1.9	1.2	0.94	0.44 J	1.6 J
Fluorene	µg/L	50	25.4	22.8	11.8	8.4	ND (<1.0)	ND (<0.5)	0.05 J	0.21	0.13	ND (<0.095)	ND (<0.098)	ND (<0.11)	10.9	0.35	1.7	ND (<0.12)	ND (<5.0)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.12)	ND (<0.10)	ND (<0.095)	ND (<0.098)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.096)	ND (<0.12)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.12)	0.38	ND (<0.095)	ND (<0.098)	ND (<0.11)	ND (<0.099)	ND (<0.10)	ND (<0.096)	ND (<0.12)	NA	NA
Naphthalene	µg/L	10	2.3	0.33 J	1.9 J	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.12)	0.55	ND (<0.095)	ND (<0.098)	ND (<0.11)	0.24	ND (<0.10)	ND (<0.096)	ND (<0.12)	ND (<5.0)	ND (<5.0)
Phenanthrene	µg/L	50	36.5	33.9	8.7	8.4	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.12)	ND (<0.10)	ND (<0.095)	ND (<0.098)	ND (<0.11)	15.4	ND (<0.10)	ND (<0.096)	ND (<0.12)	ND (<5.0)	ND (<5.0)
Pyrene	µg/L	50	3.6	2.8	1.4 J	2.2	1.4	2 J	2	3.9	2.5	2.5	0.44	1.8	3.1	1.5	1.2	1.4	0.52 J	2.1 J
Cyanide																				
Cyanide	µg/L	200	15	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	20	ND (<10)	7.5	6.7 J

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-ES-10S

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/24/14	06/24/15	12/30/15	10/14/16	04/26/17	05/31/18	05/29/19	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	ND (<2.5)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<5.0)	ND (<1.0)
Ethylbenzene	µg/L	5	ND (<5.0)	ND (<1.0)	ND (<1.0)	4.3 J	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<5.0)	ND (<1.0)
Toluene	µg/L	5	ND (<5.0)	ND (<1.0)	ND (<1.0)	ND (<5.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<5.0)	ND (<1.0)
Xylenes, Total	µg/L	5	ND (<5.0)	ND (<1.0)	ND (<1.0)	**14.1**	ND (<1.0)	ND (<1)	ND (<5)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<10)	ND (<2.0)
PAHs																					
Acenaphthene	µg/L	20	ND (<2.0)	15.7	14.4	11.2	9.2	8	6	6.0	3.9	8.0	10.3	8.8	8.9	11.9	11.2	10.9	13	13
Acenaphthylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	0.09	0.15	0.14	0.17	ND (<0.099)	0.21	0.21	0.26	0.31	0.26	ND (<5.0)	ND (<5.0)
Anthracene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	0.2 J	0.4	0.19	0.3	0.26	0.31	0.37	0.58	0.37	0.94	0.61	0.94 J	0.79 J
Benzo(a)anthracene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<5.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	0.05	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	ND (<0.099)	ND (<0.10)	0.14	ND (<0.11)	ND (<5.0)	ND (<5.0)
Fluorene	µg/L	50	ND (<2.0)	6.7	6	4.6	4.6	3	3	2.9	2.2	3.6	4.6	4.9	4.9	6.5	6.9	6.2	7.1	7.5
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.11)	NA	NA
Naphthalene	µg/L	10	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	0.04 J	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	0.20	ND (<0.10)	0.27	0.30	ND (<5.0)	ND (<5.0)
Phenanthrene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	0.5	ND (<0.10)	0.39	0.28	0.16	ND (<0.096)	0.65	0.11	1.2	0.43	1.7 J	1.2 J
Pyrene	µg/L	50	ND (<2.0)	ND (<2.0)	ND (<2.1)	ND (<2.0)	ND (<1.0)	ND (<0.5)	0.04 J	ND (<0.10)	ND (<0.095)	ND (<0.095)	ND (<0.099)	ND (<0.096)	ND (<0.099)	ND (<0.10)	0.10	ND (<0.11)	ND (<5.0)	ND (<5.0)
Cyanide																					
Cyanide	µg/L	200	11	ND (<10)	ND (<10)	ND (<10)	13	10	14	ND (<10)	ND (<10)	21	19	ND (<10)	21	16	13	ND (<10)	4.8 J	6.6 J

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-11

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/20/14	06/24/15	12/29/15	10/14/16	04/26/17	05/30/18	05/29/19	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.0	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Xylenes, Total	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<5)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)	ND (<2.0)
PAHs																				
Acenaphthene	µg/L	20	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Acenaphthylene	µg/L	NC	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Anthracene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(a)anthracene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	**0.01 J**	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	0.40 J
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	ND (<0.07)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	0.02 J	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Fluorene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.07)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	NA	NA
Naphthalene	µg/L	10	ND (<2.2)	ND (<2.0)	0.99 J	ND (<2.0)	ND (<0.98)	ND (<0.5)	0.06 J	ND (<0.11)	0.25	ND (<0.099)	0.11	0.12	0.46	ND (<0.10)	0.38	ND (<0.11)	ND (<5.0)	ND (<5.0)
Phenanthrene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.07)	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Pyrene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	0.03 J	ND (<0.11)	ND (<0.095)	ND (<0.099)	ND (<0.099)	ND (<0.097)	ND (<0.11)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<5.0)	ND (<5.0)
Cyanide																				
Cyanide	µg/L	200	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-12

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/20/14	06/24/15	12/29/15	10/14/16	04/26/17	05/30/18	05/31/19	10/23/19	05/28/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Xylenes, Total	µg/L	5	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<5)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)	ND (<2.0)
PAHs																				
Acenaphthene	µg/L	20	ND (<2.2)	1.1 J	0.06 J	ND (<2.0)	ND (<0.98)	ND (<0.5)	0.01 J	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Acenaphthylene	µg/L	NC	ND (<2.2)	0.26 J	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	0.03 J	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Anthracene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(a)anthracene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	**0.11**	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	**0.18**	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	**0.39**	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	0.19	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	**0.36**	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	**0.17**	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	0.04 J	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	0.24	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Fluorene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	0.16	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	NA	NA
Naphthalene	µg/L	10	ND (<2.2)	ND (<2.0)	0.99 J	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	0.26	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Phenanthrene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Pyrene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.097)	ND (<0.11)	ND (<0.11)	ND (<0.098)	0.23	ND (<0.097)	ND (<0.098)	ND (<5.0)	ND (<5.0)
Cyanide																				
Cyanide	µg/L	200	ND (<10)	ND (<10)	ND (<10)	22	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	11	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Table 3

Groundwater Analytical Data
MW-103

CONSTITUENT	UNITS	NYSDEC AWQS Values	11/21/14	06/25/15	12/29/15	10/17/16	04/27/17	05/29/18	05/29/19	10/23/19	05/23/20	10/15/20	04/21/21	10/14/21	04/20/22	10/12/22	04/12/23	10/12/23	04/10/24	10/09/24
BTEX Compounds																				
Benzene	µg/L	1	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	µg/L	5	0.37 J	0.39 J	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	µg/L	5	ND (<1.0)	0.53 J	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Xylenes, Total	µg/L	5	ND (<1.0)	1.1	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1)	ND (<5)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)	ND (<2.0)
PAHs																				
Acenaphthene	µg/L	20	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	0.05 J	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Acenaphthylene	µg/L	NC	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Anthracene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(a)anthracene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	**0.01 J**	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(a)pyrene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	ND (<0.05)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(b)fluoranthene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	**0.03 J**	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(g,h,i)perylene	µg/L	NC	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	0.02 J	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Benzo(k)fluoranthene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	**0.02 J**	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Chrysene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	**0.02 J**	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Dibenzo(a,h)anthracene	µg/L	NC	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	0.02 J	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Fluoranthene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	0.01 J	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Fluorene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	0.01 J	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	µg/L	0.002	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<5.0)	ND (<0.98)	ND (<0.5)	**0.03 J**	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
2-Methylnaphthalene	µg/L	NC	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	NA	NA
Naphthalene	µg/L	10	ND (<2.2)	ND (<2.0)	0.99 J	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.10)	0.14	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Phenanthrene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<0.98)	ND (<0.5)	ND (<0.07)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Pyrene	µg/L	50	ND (<2.2)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<1.0)	ND (<0.5)	0.03 J	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<5.0)	ND (<5.0)
Cyanide																				
Cyanide	µg/L	200	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
ND (<#) = Not detected above laboratory reporting limit (indicated by #)
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PAHs = Polycyclic Aromatic Hydrocarbons
µg/L = Micrograms per Liter
Bolded = values indicated exceedance of the NYSDEC AWQS

Appendix A – Well Sampling Field and Analytical Data

National Grid
Sconondoa Street
Oneida, New York

Semi-Annual Groundwater Sampling Event

Well ID	Sample?	Well Size	DTW	DTP	DTB	Comments
MW-1	Yes	4"	6.36		19.70	
MW-2	Yes	2"	6.14		17.66	Field Duplicate
MW-3	Yes	2"	4.28		14.13	
MW-4	Yes	2"	5.08		13.34	
MW-5	Yes	2"	4.96		16.10	
MW-6	Yes	2"	4.26		14.25	
MW-7	Yes	4"	24.03		37.20	
MW-ES-8	Yes	2"	4.79		14.10	
MW-9	Yes	4"	22.80		40.50	MS/MSD
MW-ES-10S	Yes	2"	6.69		14.50	
MW-11	Yes	2"	7.07		18.50	
MW-12	Yes	2"	2.96		14.30	
MW-103	Yes	2"	26.05		40.00	

DTW *-depth to water*

DTP *-depth to product*

DTB *-depth to bottom*

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: [illegible]
Job Number: 0603400-132410-221
Well Id. **MW-1**

Date: 4/10/24
Weather: Cloudy 50
Time In: 0950 Time Out: 09:40

Well Information

		TOC	Other
Depth to Water:	(feet)	6-36	
Depth to Bottom:	(feet)	19.70	
Depth to Product:	(feet)		
Length of Water Column:	(feet)	13.37	
Volume of Water in Well:	(gal)	8.79	
Three Well Volumes:	(gal)	26.37	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments: 4"

Purging Information

Purging Method: Bailer [ ] Peristaltic [X] Grundfos Pump [ ]
Tubing/Bailer Material: Teflon [ ] Stainless St. [ ] Polyethylene [X]
Sampling Method: Bailer [ ] Peristaltic [X] Grundfos Pump [ ]

Average Pumping Rate:	(ml/min)	200
Duration of Pumping:	(min)	30
Total Volume Removed:	(gal)	2

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
09:00	6.62	12.84	7.47	-149	1.77	1.19	1.09	1.13
09:05	6.75	11.66	7.21	-159	1.76	77.3	0.0	1.12
09:10	6.97	11.11	7.20	-160	1.75	52.4	0.0	1.12
09:15	7.12	11.08	7.19	-159	1.76	37.5	0.0	1.13
09:20	7.31	10.98	7.18	-158	1.76	34.5	0.0	1.13
09:25	7.46	10.93	7.18	-156	1.76	30.7	0.0	1.13
09:30	7.62	10.89	7.16	-156	1.76	30.4	0.0	1.13

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X] No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X] No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X] No [ ]

Sample ID: MW-1
Sample Time: 09:30
Duplicate? Yes [ ] No [X]
MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: KL
Job Number: 0603400-132410-221
Well Id. **MW-2**

Date: 4/10/24
Weather: Cloudy 5s
Time In: 09:40 Time Out: 10:45

Well Information

		TOC	Other
Depth to Water:	(feet)	6.14	
Depth to Bottom:	(feet)	17.66	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	11.52	
Volume of Water in Well:	(gal)	1.84	
Three Well Volumes:	(gal)	5.52	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Average Pumping Rate: (ml/min)	200			
Duration of Pumping: (min)	30			
Total Volume Removed: (gal)	2	Did well go dry?	Yes [ ]	No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
09:50	6.28	12.12	7.24	-94	1.48	109	10.47	0.890
09:55	6.33	10.92	7.48	-75	0.604	68.8	10.72	0.368
10:00	6.40	10.65	7.51	-26	0.432	54.7	10.26	0.280
10:05	6.44	10.66	7.50	1	0.404	29.5	9.90	0.262
10:10	6.42	10.69	7.50	13	0.399	23.1	9.61	0.259
10:15	6.42	10.67	7.50	18	0.395	22.1	9.40	0.257
10:20	6.42	10.65	7.49	27	0.399	16.2	9.01	0.259

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

2- 250 ml ambers Yes [X] No [ ]
3 - 40 ml vials Yes [X] No [ ]
1 - 125 ml plastic Yes [X] No [ ]

Field Duplicate

Sample ID: **MW-2** Duplicate? Yes [ ] No [X]
Sample Time: 10:20 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: K
Job Number: 0603400-132410-221
Well Id. **MW-3**

Date: 4/10/24
Weather: Clear 68
Time In: 10:45 Time Out:

Well Information

		TOC	Other
Depth to Water:	(feet)	4.24	
Depth to Bottom:	(feet)	14.13	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	9.85	
Volume of Water in Well:	(gal)	1.57	
Three Well Volumes:	(gal)	4.72	

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

Purging Information

Purging Method:		Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Tubing/Bailer Material:		Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	
Sampling Method:		Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Average Pumping Rate:	(ml/min)	200			
Duration of Pumping:	(min)	30			
Total Volume Removed:	(gal)	2	Did well go dry?	Yes [ ]	No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
10:55	4.52	11.09	7.51	84	0.486	67.3	4.73	0.317
11:00	4.71	9.62	7.48	93	0.479	14.0	5.10	0.311
11:05	4.83	9.29	7.51	95	0.472	8.7	5.35	0.307
11:10	4.91	9.36	7.51	96	0.482	7.4	5.06	0.313
11:15	4.95	9.26	7.51	97	0.479	6.5	5.19	0.311
11:20	5.00	9.09	7.52	97	0.486	5.5	4.92	0.316
11:25	5.03	9.00	7.51	96	0.496	5.7	4.62	0.322

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X] No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X] No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X] No [ ]

Sample ID: **MW-3** Duplicate? Yes [ ] No [X]
Sample Time: 11:25 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: KL
Job Number: 0603400-132410-221
Well Id. **MW-4**

Date: 4/10/24
Weather: Cloudy 60°
Time In: 11:45 Time Out:

Well Information

		TOC	Other
Depth to Water:	(feet)	5.08	
Depth to Bottom:	(feet)	13.34	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	8.26	
Volume of Water in Well:	(gal)	1.32	
Three Well Volumes:	(gal)	3.96	

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

Purging Information

Purging Method:		Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]
Tubing/Bailer Material:		Teflon [ ]	Stainless St. [ ]	Polyethylene [X]
Sampling Method:		Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]
Average Pumping Rate:	(ml/min)	200		
Duration of Pumping:	(min)	32		
Total Volume Removed:	(gal)	2		

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
11:50	5.48	11.14	7.33	-26	0.597	189	0.80	0.382
11:55	5.53	11.07	7.24	-19	0.600	135	0.0	0.384
12:00	5.58	10.80	7.25	-28	0.603	83.0	0.0	0.387
12:05	5.64	10.90	7.27	-43	0.605	66.3	0.0	0.387
12:10	5.68	10.84	7.28	-53	0.607	47.3	0.0	0.388
12:15	5.73	10.76	7.29	-61	0.609	33.7	0.0	0.390
12:20	5.77	10.78	7.29	-64	0.610	33.7	0.0	0.392

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X] No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X] No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X] No [ ]

Sample ID: **MW-4** Duplicate? Yes [ ] No [X]
Sample Time: 12:20 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: G. ERNST
Job Number: 0603400-132410-221
Well Id. **MW-5**

Date: 4/10/24
Weather: Cloudy 50°S
Time In: 1030 Time Out: 1120

Well Information

		TOC	Other
Depth to Water:	(feet)	4.96	
Depth to Bottom:	(feet)	16.10	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	11.14	
Volume of Water in Well:	(gal)	1.78	
Three Well Volumes:	(gal)	5.35	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:		Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Tubing/Bailer Material:		Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	
Sampling Method:		Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Average Pumping Rate:	(ml/min)	200			
Duration of Pumping:	(min)	30			
Total Volume Removed:	(gal)	2			

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1040	5.18	12.35	9.47	-39	0.723	76.2	0.87	0.463
1045	5.26	11.50	9.14	-27	0.733	59.7	0.00	0.469
1050	5.28	11.18	8.91	-17	0.736	47.8	0.00	0.471
1055	5.32	10.77	8.79	-10	0.739	34.9	0.00	0.473
1100	5.37	10.54	8.62	1	0.737	24.6	0.00	0.471
1105	5.40	10.41	8.55	5	0.734	28.4	0.00	0.469
1110	5.41	10.39	8.56	10	0.730	18.3	0.00	0.467

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X] No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X] No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X] No [ ]

Sample ID: **MW-5**
Sample Time: 1115
Duplicate? Yes [ ] No [X]
MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: G. ERNST
Job Number: 0603400-132410-221
Well Id. **MW-6**

Date: 4/10/24
Weather: LT Rain 50
Time In: 1120 Time Out: 1210

Well Information

		TOC	Other
Depth to Water:	(feet)	4.26	
Depth to Bottom:	(feet)	14.25	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	9.99	
Volume of Water in Well:	(gal)	1.60	
Three Well Volumes:	(gal)	4.80	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]		
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Average Pumping Rate:	(ml/min)	200			
Duration of Pumping:	(min)	30			
Total Volume Removed:	(gal)	2			

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1130	5.51	11.13	8.92	-83	0.416	14.6	0.88	0.272
1135	5.74	9.74	8.53	-80	0.400	11.0	0.00	0.260
1140	5.92	9.55	8.32	-86	0.408	6.8	1.37	0.266
1145	6.01	9.59	8.58	-92	0.416	5.7	0.00	0.270
1150	6.04	9.60	8.47	-94	0.418	4.7	0.00	0.272
1155	6.18	9.53	8.33	-105	0.425	3.1	0.00	0.276
1200	6.29	9.61	8.19	-118	0.430	3.0	0.00	0.279

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X]	No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X]	No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X]	No [ ]

Sample ID: **MW-6**
Sample Time: 1205
Duplicate? Yes [ ] No [X]
MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Job Number: 0603400-132410-221
Well Id. **MW-7**

Date: 4/10/24
Weather: Cloudy 56°
Time In: 0930 Time Out: 1005

Well Information

		TOC	Other
Depth to Water:	(feet)	24.03	
Depth to Bottom:	(feet)	37.20	
Depth to Product:	(feet)	~~13.17~~	
Length of Water Column:	(feet)	~~8.56~~	13.17
Volume of Water in Well:	(gal)	8.56	
Three Well Volumes:	(gal)	25.68	

Well Type: Flushmount [ ] Stick-Up [X]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: [ ]
Well Diameter: 1" [ ] 2" [ ] Other: 4"
Comments:

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]		
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Average Pumping Rate:	(ml/min)	200			
Duration of Pumping:	(min)	30			
Total Volume Removed:	(gal)	2	Did well go dry?	Yes [ ]	No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
0930	24.10	14.01	6.92	-55	1.51	0.0	0.00	0.970
0935	24.11	13.49	6.83	-59	1.56	0.0	0.00	0.997
0940	24.11	13.36	6.90	-62	1.57	0.0	3.08	1.00
0945	24.12	13.31	6.97	-64	1.56	0.0	2.65	1.00
0950	24.12	13.34	7.01	-66	1.56	0.0	1.84	1.00
0955	24.13	13.34	7.05	-67	1.57	0.0	1.69	1.00
1000	24.13	13.28	7.09	-69	1.57	0.0	1.52	1.00

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X] No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X] No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X] No [ ]

Sample ID: **MW-7** Duplicate? Yes [ ] No [X]
Sample Time: 1000 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: G. Ernst
Job Number: 0603400-132410-221
Well Id. **MW-ES-8**

Date: 4/10/24
Weather: Cloudy 50°s
Time In: 0935 Time Out: 1030

Well Information

		TOC	Other
Depth to Water:	(feet)	4.79	
Depth to Bottom:	(feet)	14.10	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	9.31	
Volume of Water in Well:	(gal)	1.49	
Three Well Volumes:	(gal)	4.47	

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

Purging Information

Purging Method: Bailer [ ] Peristaltic [X] Grundfos Pump [ ]
Tubing/Bailer Material: Teflon [ ] Stainless St. [ ] Polyethylene [X]
Sampling Method: Bailer [ ] Peristaltic [X] Grundfos Pump [ ]

Average Pumping Rate:	(ml/min)	200
Duration of Pumping:	(min)	30
Total Volume Removed:	(gal)	2

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
0950	5.02	13.08	10.48	48	0.828	37.1	6.82	0.538
0955	5.30	12.37	9.91	115	0.780	31.8	2.70	0.498
1000	6.21	12.12	9.57	128	0.755	24.7	2.28	0.483
1005	7.48	11.90	9.32	137	0.752	20.9	2.14	0.481
1010	8.07	11.94	9.08	145	0.750	10.9	2.52	0.480
1015	8.15	12.14	8.93	150	0.744	8.0	2.62	0.476
1020	8.19	12.39	8.79	152	0.737	8.6	2.72	0.472

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

2- 250 ml ambers Yes [X] No [ ]
3 - 40 ml vials Yes [X] No [ ]
1 - 125 ml plastic Yes [X] No [ ]

Sample ID: **MW-ES-8**
Sample Time: 1025

Duplicate? Yes [ ] No [X]
MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Job Number: 0603400-132410-221
Well Id. ~~MW-103~~ MW-9

Date: 4/10/21
Weather: Cloudy 56°
Time In: 1010 Time Out: 1050

Well Information

		TOC	Other
Depth to Water:	(feet)	22.80	
Depth to Bottom:	(feet)	40.50	40.50
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	17.70	
Volume of Water in Well:	(gal)	11.50	
Three Well Volumes:	(gal)	34.5	

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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
10:15	23.04	14.82	8.64	-32	0.804	0.0	0.00	0.514
1020	23.12	14.67	8.68	11	0.796	0.0	0.00	0.509
1025	23.12	14.63	8.73	30	0.797	0.0	0.00	0.510
1030	23.12	14.64	8.76	42	0.797	0.0	0.00	0.510
1035	23.13	14.67	8.77	40	0.796	0.0	0.00	0.509
1040	23.14	14.71	8.76	25	0.796	0.0	0.00	0.510
1045	23.14	14.71	8.76	1	0.796	0.0	0.00	0.510

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

2- 250 ml ambers Yes ☒ No ☐
3 - 40 ml vials Yes ☒ No ☐
1 - 125 ml plastic Yes ☒ No ☐

Sample ID: MW-9 ~~MW-103~~
Sample Time: 1045 1045

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

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

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: G. ERNST
Job Number: 0603400-132410-221
Well Id. **MW-ES-10S**

Date: 4/10/24
Weather: cloudy
Time In: 0840 Time Out: 0935

Well Information

		TOC	Other
Depth to Water:	(feet)	6.69	
Depth to Bottom:	(feet)	14.50	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	7.81	
Volume of Water in Well:	(gal)	1.25	
Three Well Volumes:	(gal)	3.75	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]		
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Average Pumping Rate:	(ml/min)	200			
Duration of Pumping:	(min)	30			
Total Volume Removed:	(gal)	2	Did well go dry?	Yes [ ]	No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
855	6.78	12.21	7.26	-146	1.74	0.0	0.04	1.11
900	6.83	11.78	7.38	-148	1.67	0.0	0.00	1.07
905	6.83	11.87	7.54	-146	1.65	1.0	0.00	1.05
910	6.83	11.87	7.70	-144	1.65	1.2	0.00	1.05
915	6.83	12.03	7.78	-143	1.64	1.5	0.00	1.05
920	6.83	12.11	7.87	-143	1.64	0.6	0.00	1.05
925	6.83	12.10	7.95	-142	1.64	0.0	0.00	1.05

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X]	No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X]	No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X]	No [ ]

Sample ID: **MW-ES-10S**
Sample Time: 0930
Duplicate? Yes [ ] No [X]
MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Job Number: 0603400-132410-221
Well Id. **MW-11**

Date: 4/10/21
Weather: overcast
Time In: 1148 Time Out: 1225

Well Information

		TOC	Other
Depth to Water:	(feet)	7.02	
Depth to Bottom:	(feet)	18.50	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	11.43	
Volume of Water in Well:	(gal)	1.82	
Three Well Volumes:	(gal)	5.48	

Well Type: Flushmount [ ] Stick-Up [X]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]		
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Average Pumping Rate:	(ml/min)	250			
Duration of Pumping:	(min)	30			
Total Volume Removed:	(gal)	2			

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1150	7.34	14.16	9.37	-129	0.596	0.0	0.00	0.374
1155	7.40	12.20	9.24	-125	0.609	0.0	0.00	0.392
1200	7.44	11.97	9.12	-132	0.708	0.0	0.00	0.453
1205	7.47	11.98	9.09	-132	0.723	0.0	0.00	0.464
1210	7.48	11.95	9.04	-133	0.744	0.0	0.00	0.476
1215	7.49	11.68	9.04	-134	0.812	0.0	0.00	0.520
1220		11.72	9.01	-134	0.830	0.0	0.00	0.532

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X] No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X] No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X] No [ ]

Sample ID: **MW-11** Duplicate? Yes [ ] No [X]
Sample Time: 1220 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyr
Job Number: 0603400-132410-221
Well Id. **MW-12**

Date: 4/10/24
Weather: overcast 56°
Time In: 1105 Time Out: 1145

Well Information

		TOC	Other
Depth to Water:	(feet)	2.86	
Depth to Bottom:	(feet)	14.30	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	11.44	
Volume of Water in Well:	(gal)	13.84	
Three Well Volumes:	(gal)	41.52	

Well Type: Flushmount [ ] Stick-Up [X]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:		Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Tubing/Bailer Material:		Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	
Sampling Method:		Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Average Pumping Rate:	(ml/min)	200			
Duration of Pumping:	(min)	30			
Total Volume Removed:	(gal)	2			

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1110	2.99	15.83	7.13	-84	5.45	0.0	0.74	3.43
1115	3.01	15.61	7.13	-70	5.18	0.0	0.00	3.26
1120	3.03	15.34	7.23	-62	5.00	0.0	0.00	3.20
1125	3.05	15.20	7.28	-62	4.94	0.0	0.00	3.16
1130	3.08	15.08	7.33	-61	4.89	0.0	0.00	3.13
1135	3.10	14.90	7.38	-60	4.83	0.0	0.00	3.09
1140	3.10	14.81	7.39	-59	4.85	0.0	0.00	3.10

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

2- 250 ml ambers Yes [X] No [ ]
3 - 40 ml vials Yes [X] No [ ]
1 - 125 ml plastic Yes [X] No [ ]

Sample ID: **MW-12**
Sample Time: 1140

Duplicate? Yes [ ] No [X]
MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid — **Semi-Annual Groundwater Sampling Event**

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Date: 4/10/24
Job Number: 0603400-132410-221
Weather: overcast 56°
Well Id. ~~MW-9~~ 103
Time In: 0845 Time Out: 0920

Well Information

		TOC	Other
Depth to Water:	(feet)	26.05	
Depth to Bottom:	(feet)	40.00	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	~~14.45~~	13.95
Volume of Water in Well:	(gal)	~~2.31~~	2.23
Three Well Volumes:	(gal)	~~6.93~~	6.69

Well Type: Flushmount ☐ Stick-Up ☒
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other:
Well Diameter: 1" ☐ 2" ☐ Other: 4"
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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
0845	26.11	16.98	6.56	-143	1.15	0.0	2.92	0.727
0850	26.11	16.32	6.50	-129	1.12	0.0	0.28	0.716
0855	26.11	15.78	6.73	-125	1.14	0.0	0.00	0.729
0900	26.11	15.53	6.87	-123	1.15	0.0	0.00	0.738
0905	26.11	15.36	7.00	-121	1.16	0.0	0.00	0.741
0910	26.11	15.27	7.08	-120	1.16	0.0	0.00	0.739
0915	26.11	15.20	7.16	-120	1.17	0.0	0.00	0.748

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	6- 250 ml ambers	Yes ☒ No ☐
EPA SW-846 Method 8260	VOC's BTEX	9 - 40 ml vials	Yes ☒ No ☐
EPA SW-846 Method 9012	Total Cyanide	3 - 125 ml plastic	Yes ☒ No ☐

~~MW-9-MS~~ ~~MW-9-MSD~~

Sample ID: ~~MW-9~~ 103 Duplicate? Yes ☐ No ☒
Sample Time: 0915 MS/MSD? Yes ☒ No ☒

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

Comments/Notes:

Laboratory: Eurofins Amherst, NY

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-192877-40373.1
Client Contact: Tim Beaumont	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Groundwater & Environmental Services Inc	PWSID:			Job #:
Address: 6780 Northern Boulevard Suite 100	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13057	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0603440-132410-221-1106			
Email: tbeaumont@gesonline.com	WO #:			
Project Name: Oneida Semi-Annual GWS Event Desc: Oneida Semi-Annual GW	Project #: 48027231			
Site: Oneida Semi-Annual GWS	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B_NP - Cyanide, Total	8270D - PAH Semivolatiles	8260C - BTEX - 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	B	N	A	X	
MW-1	4/10/24	9:35	G	Water			1	2	3	6	
MW-2	4/10/24	10:20	G	Water			1	2	3	6	
MW-3	4/10/24	11:25	G	Water			1	2	3	6	
MW-4	4/10/24	12:20	G	Water			1	2	3	6	
MW-5	4/10/24	11:15	G	Water			1	2	3	6	
MW-6	4/10/24	12:05	G	Water			1	2	3	6	
MW-7	4/10/24	10:00	G	Water			1	2	3	6	
MW-ES-8	4/10/24	10:25	G	Water			1	2	3	6	
MW-9	4/10/24	10:45	G	Water			1	2	3	6	
MW-9-MS	4/10/24	10:45	G	Water			1	2	3	6	
MW-9-MSD	4/10/24	10:45	G	Water			1	2	3	6	

Possible Hazard Identification

☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*

Deliverable Requested: I, II, III, IV, Other (specify) **CAT B DELIVERY**

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-192877-40373.2
Client Contact: Tim Beaumont	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Groundwater & Environmental Services Inc	PWSID:			Job #:
Address: 6780 Northern Boulevard Suite 100	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13057	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0603440-132410-221-1106			
Email: tbeaumont@gesonline.com	WO #:			
Project Name: Oneida Semi-Annual GWS Event Desc: Oneida Semi-Annual GW	Project #: 48027231			
Site: Oneida Semi-Annual GWS	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B_NP - Cyanide, Total	8270D - PAH Semivolatiles	8260C - BTEX - 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:				B	N	A		
MW-ES-10S	4/10/24	09:30	G	Water			1	2	3	6	
MW-11	4/10/24	12:20	G	Water			1	2	3	6	
MW-12	4/10/24	11:40	G	Water			1	2	3	6	
MW-103	4/10/24	09:15	G	Water			1	2	3	6	
Field Duplicate	4/10/24	—	G	Water			1	2	3	6	
Trip Blank	4/10/24	12:40	—	Water					3	3	

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

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

Deliverable Requested: I, II, III, IV, Other (specify) **CAT B DELIVERY**

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company GES	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

National Grid
Sconondoa Street
Oneida, New York

Semi-Annual Groundwater Sampling Event

Well ID	Sample?	Well Size	DTW	DTP	DTB	Comments
MW-1	Yes	4"	7.31		19.70	
MW-2	Yes	2"	6.90		17.66	Field Duplicate
MW-3	Yes	2"	5.19		14.13	
MW-4	Yes	2"	5.57		13.34	
MW-5	Yes	2"	6.28		16.10	
MW-6	Yes	2"	5.37		14.25	
MW-7	Yes	4"	25.86		37.20	
MW-ES-8	Yes	2"	7.54		14.10	
MW-9	Yes	4"	25.50		40.50	MS/MSD
MW-ES-10S	Yes	2"	7.41		14.50	
MW-11	Yes	2"	8.29		18.50	
MW-12	Yes	2"	4.21		14.30	
MW-103	Yes	2"	24.64		40.00	

DTW *-depth to water*

DTP *-depth to product*

DTB *-depth to bottom*

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AJ
Job Number: 0603400-132410-221
Well Id. **MW-1**

Date: 10/2/24
Weather: 55°F, light rain
Time In: 1240 Time Out: 1325

Well Information

		TOC	Other
Depth to Water:	(feet)	7.31	
Depth to Bottom:	(feet)	19.70	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	12.39	
Volume of Water in Well:	(gal)	7.93	
Three Well Volumes:	(gal)	23.7	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]		
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Average Pumping Rate:	250 (ml/min)				
Duration of Pumping:	30 (min)				
Total Volume Removed:	3.0 (gal)				

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1245	7.65	15.21	6.79	-144	1.14	0.0	0.42	0.89
1250	7.71	14.92	6.57	-260	2.37	8.2	0.34	1.52
1255	7.81	14.74	6.58	-259	2.37	11.3	0.34	1.52
1300	7.91	14.44	6.58	-255	2.37	16.4	0.34	1.52
1305	7.99	14.48	6.58	-252	2.39	19.6	0.35	1.53
1310	8.03	14.42	6.58	-249	2.39	14.2	0.35	1.53
1315	8.05	14.34	6.58	-246	2.39	9.3	0.36	1.53

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X] No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X] No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X] No [ ]

Sample ID: **MW-1** Duplicate? Yes [ ] No [X]
Sample Time: 1320 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AJ
Job Number: 0603400-132410-221
Well Id. **MW-2**

Date: 10/9/24
Weather: 53°F, partly cloudy
Time In: 1145 Time Out: 1230

Well Information

		TOC	Other
Depth to Water:	(feet)	6.90	
Depth to Bottom:	(feet)	17.66	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	10.76	
Volume of Water in Well:	(gal)	1.72	
Three Well Volumes:	(gal)	5.1	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]		
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]		
Average Pumping Rate:	200 (ml/min)				
Duration of Pumping:	30 (min)				
Total Volume Removed:	2.5 (gal)				

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1150	7.02	15.59	6.96	-95	0.528	0.0	0.63	0.338
1155	7.02	15.60	6.94	-86	0.527	0.0	0.57	0.338
1200	7.01	15.68	6.92	-73	0.526	0.0	0.48	0.337
1205	7.02	15.76	6.92	-67	0.524	0.0	0.45	0.336
1210	7.02	15.56	6.93	-63	0.523	0.0	0.43	0.335
1215	7.02	15.36	6.93	-62	0.529	0.0	0.42	0.338
1220	7.02	15.28	6.92	-64	0.546	0.0	0.42	0.339

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X]	No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X]	No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X]	No [ ]

Field Duplicate

Sample ID: **MW-2** Duplicate? Yes [ ] No [X]
Sample Time: 1225 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AS
Job Number: 0603400-132410-221
Well Id. **MW-3**

Date: 10/9/24
Weather: 52°F, mostly cloudy
Time In: 1055 Time Out: 1140

Well Information

		TOC	Other
Depth to Water:	(feet)	5.19	
Depth to Bottom:	(feet)	14.13	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	8.94	
Volume of Water in Well:	(gal)	1.43	
Three Well Volumes:	(gal)	4.2	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	

Average Pumping Rate: 200 (ml/min)
Duration of Pumping: 30 (min)
Total Volume Removed: 2.5 (gal)
Did well go dry? Yes [ ] No [X]
Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1100	5.40	16.68	6.89	-114	0.635	8.7	2.59	0.414
1105	5.45	17.30	7.04	-1	0.457	5.3	4.71	0.298
1110	5.50	17.38	7.02	14	0.441	0.0	4.83	0.287
1115	5.55	17.38	7.00	12	0.450	0.0	4.77	0.292
1120	5.62	17.39	6.97	-7	0.466	0.0	4.67	0.302
1125	5.70	17.39	6.94	-22	0.473	0.0	4.47	0.307
1130	5.81	17.39	6.92	-36	0.481	0.0	4.21	0.312

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X] No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X] No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X] No [ ]

Sample ID: **MW-3** Duplicate? Yes [ ] No [X]
Sample Time: 1135 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AS
Job Number: 0603400-132410-221
Well Id. **MW-4**

Date: 10/9/24
Weather: 50°F, mostly cloudy
Time In: 1005 Time Out: 1050

Well Information

		TOC	Other
Depth to Water:	(feet)	5.57	
Depth to Bottom:	(feet)	13.34	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	7.77	
Volume of Water in Well:	(gal)	1.24	
Three Well Volumes:	(gal)	3.7	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]

Average Pumping Rate: 200 (ml/min)
Duration of Pumping: 30 (min)
Total Volume Removed: 2.5 (gal)
Did well go dry? Yes [ ] No [X]
Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1010	5.82	16.32	6.66	-169	0.783	3.6	0.46	0.503
1015	5.86	15.76	6.75	-227	0.753	6.6	0.44	0.482
1020	5.86	15.83	6.72	-226	0.757	5.6	0.39	0.485
1025	5.86	16.00	6.72	-226	0.756	7.2	0.37	0.484
1030	5.86	16.11	6.72	-225	0.754	9.0	0.34	0483
1035	5.86	16.17	6.72	-226	0.752	9.2	0.33	0.481
1040	5.86	16.25	6.72	-227	0.750	8.0	0.31	0480

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

2- 250 ml ambers Yes [X] No [ ]
3 - 40 ml vials Yes [X] No [ ]
1 - 125 ml plastic Yes [X] No [ ]

Sample ID: **MW-4** Duplicate? Yes [ ] No [X]
Sample Time: 1045 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AJ
Date: 10/9/24
Job Number: 0603400-132410-221
Weather: 48°F, mostly cloudy
Well Id. **MW-5**
Time In: 0915 Time Out: 1000

Well Information

		TOC	Other
Depth to Water:	(feet)	6.28	
Depth to Bottom:	(feet)	16.10	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	9.82	
Volume of Water in Well:	(gal)	1.57	
Three Well Volumes:	(gal)	4.7	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]

Average Pumping Rate: 200 (ml/min)
Duration of Pumping: 30 (min)
Total Volume Removed: 2.5 (gal)
Did well go dry? Yes [ ] No [X]
Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
0920	6.48	15.17	6.56	-156	1.26	23.9	0.57	0.820
0925	6.51	15.77	6.55	-130	0.889	31.1	0.63	0.575
0930	6.58	16.27	6.56	-101	0.840	6.6	0.53	0.538
0935	6.69	16.66	6.53	-95	0.829	4.5	0.47	0.531
0940	6.71	16.76	6.53	-99	0.821	3.6	0.45	0.526
0945	6.78	16.19	6.53	-103	0.817	1.9	0.43	0.523
0950	6.79	16.77	6.54	-105	0.813	1.8	0.43	0.520

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X]	No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X]	No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X]	No [ ]

Sample ID: **MW-5** Duplicate? Yes [ ] No [X]
Sample Time: 0955 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Date: 10/9/24
Job Number: 0603400-132410-221
Weather: rain 50°
Well Id. **MW-6**
Time In: 1350 Time Out: 1430

Well Information

		TOC	Other
Depth to Water:	(feet)	5.37	
Depth to Bottom:	(feet)	14.25	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	8.88	
Volume of Water in Well:	(gal)	1.42	
Three Well Volumes:	(gal)	4.26	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	

Average Pumping Rate:	(ml/min)	200
Duration of Pumping:	(min)	30
Total Volume Removed:	(gal)	2

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1355	5.89	14.66	6.46	-180	0.705	9.7	1.82	0.446
1400	6.23	14.89	6.43	-204	0.582	0.5	0.72	0.372
1405	6.39	15.16	6.43	-205	0.568	0.0	0.57	0.363
1410	6.57	15.45	6.42	-206	0.560	2.3	0.53	0.358
1415	6.71	15.70	6.42	-213	0.560	2.8	0.50	0.359
1420	6.84	15.80	6.42	-219	0.561	0.0	0.47	0.359
1425	6.90	15.74	6.43	-221	0.561	0.0	0.44	0.359

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X] No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X] No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X] No [ ]

Sample ID: **MW-6** Duplicate? Yes [ ] No [X]
Sample Time: 1425 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Date: 10/09/24
Job Number: 0603400-132410-221
Weather: Cloudy 55°
Well Id. **MW-7**
Time In: 1025 Time Out: 1105

Well Information

		TOC	Other
Depth to Water:	(feet)	25.86	
Depth to Bottom:	(feet)	37.20	
Depth to Product:	(feet)	–	
Length of Water Column:	(feet)	11.34	
Volume of Water in Well:	(gal)	7.48	
Three Well Volumes:	(gal)	22.45	

Well Type: Flushmount ☐ Stick-Up ☒
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other:
Well Diameter: 1" ☐ 2" ☐ Other: 4"
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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1030	25.90	11.44	6.55	-150	1.21	0.0	2.79	0.772
1035	25.90	11.29	6.58	-157	1.22	0.0	0.86	0.784
1040	25.91	11.26	6.58	-161	1.23	0.0	0.67	0.787
1045	25.91	11.22	6.58	-161	1.23	0.0	0.61	0.787
1050	25.91	11.27	6.57	-163	1.23	0.0	0.58	0.788
1055	25.91	11.32	6.57	-164	1.23	0.0	0.56	0.787
1100	25.91	11.36	6.57	-165	1.23	0.0	0.52	0.787

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes ☒	No ☐
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes ☒	No ☐
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes ☒	No ☐

Sample ID: **MW-7** Duplicate? Yes ☐ No ☒
Sample Time: 1100 MS/MSD? Yes ☐ No ☒

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

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AJ
Job Number: 0603400-132410-221
Well Id. **MW-ES-8**

Date: 10/9/24
Weather: 46°F, light rain
Time In: 0835 Time Out: 0910

Well Information

		TOC	Other
Depth to Water:	(feet)	7.54	
Depth to Bottom:	(feet)	14.10	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	6.56	
Volume of Water in Well:	(gal)	1.04	
Three Well Volumes:	(gal)	3.14	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	

Average Pumping Rate: 200 (ml/min)
Duration of Pumping: 30 (min)
Total Volume Removed: 2.5 (gal)
Did well go dry? Yes [ ] No [X]
Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
0830	8.35	14.96	6.59	-33	1.04	66.0	4.06	0.666
0835	8.39	14.90	6.58	-81	1.05	45.4	2.12	0.674
0840	8.50	14.86	6.57	-167	1.12	61.9	0.79	0.711
0845	8.50	14.78	6.55	-194	1.22	36.3	0.52	0.780
0850	8.50	14.76	6.53	-179	1.32	14.1	0.50	0.844
0855	8.50	14.77	6.50	-170	1.43	4.3	0.49	0.912
0900	8.50	14.82	6.49	-166	1.50	2.0	0.48	0.959

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X] No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X] No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X] No [ ]

Sample ID: **MW-ES-8** Duplicate? Yes [ ] No [X]
Sample Time: 0905 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Job Number: 0603400-132410-221
Well Id. **MW-9**

Date: 10/9/24
Weather: 55° overcast / Rain
Time In: 1110 Time Out: 1155

Well Information

		TOC	Other
Depth to Water:	(feet)	25.50	
Depth to Bottom:	(feet)	40.50	
Depth to Product:	(feet)	–	
Length of Water Column:	(feet)	15.00	
Volume of Water in Well:	(gal)	9.90	
Three Well Volumes:	(gal)	29.70	

Well Type: Flushmount ☐ Stick-Up ☒
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other:
Well Diameter: 1" ☐ 2" ☐ Other: 4"
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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1120	25.67	11.97	6.71	-131	0.799	31.4	2.61	0.511
1125	25.72	11.86	6.71	-135	0.767	31.4	0.89	0.491
1130	25.72	11.80	6.70	-126	0.748	33.7	0.63	0.479
1135	25.73	11.80	6.72	-112	0.744	35.1	0.57	0.476
1140	25.73	11.83	6.73	-110	0.741	32.8	0.51	0.474
1145	25.73	11.84	6.74	-120	0.740	30.8	0.50	0.474
1150	25.73	11.91	6.69	-120	0.742	21.3	0.51	0.478

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

6- 250 ml ambers Yes ☒ No ☐
9 - 40 ml vials Yes ☒ No ☐
3 - 125 ml plastic Yes ☒ No ☐

MW-9-MS **MW-9-MSD**

Sample ID: **MW-9** Duplicate? Yes ☐ No ☒
Sample Time: 1150 MS/MSD? Yes ☐ No ☒

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

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AS
Job Number: 0603400-132410-221
Well Id. **MW-ES-10S**

Date: 10/9/24
Weather: 55°F, cloudy
Time In: 1325 Time Out: 1410

Well Information

		TOC	Other
Depth to Water:	(feet)	7.41	
Depth to Bottom:	(feet)	14.50	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	7.09	
Volume of Water in Well:	(gal)	1.13	
Three Well Volumes:	(gal)	3.4	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	
Sampling Method:	Bailer [ ]	Peristaltic [X]	Grundfos Pump [ ]	
Average Pumping Rate:	200 (ml/min)			
Duration of Pumping:	30 (min)			
Total Volume Removed:	2.5 (gal)			

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] 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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1330	7.49	15.42	6.54	-203	2.12	14.6	0.36	1.38
1335	7.50	16.31	6.48	-157	1.71	9.2	0.30	1.10
1340	7.51	16.24	6.47	-160	1.63	0.0	0.25	1.04
1345	7.51	16.16	6.47	-162	1.63	0.0	0.26	1.04
1350	7.51	16.09	6.47	-163	1.63	0.0	0.27	1.04
1355	7.51	15.95	6.46	-164	1.62	0.0	0.28	1.04
1400	7.51	15.79	6.46	-165	1.62	0.0	0.28	1.04

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes [X] No [ ]
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes [X] No [ ]
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes [X] No [ ]

Sample ID: **MW-ES-10S** Duplicate? Yes [ ] No [X]
Sample Time: 1405 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Date: 10/9/24
Job Number: 0603400-132410-221
Weather: cloudy 60°
Well Id. **MW-11**
Time In: 1218 Time Out: 1253

Well Information

		TOC	Other
Depth to Water:	(feet)	8.27	
Depth to Bottom:	(feet)	18.50	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	10.21	
Volume of Water in Well:	(gal)	1.63	
Three Well Volumes:	(gal)	4.90	

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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1220	8.50	14.91	6.74	-215	0.524	64.4	1.62	0.334
1225	8.51	15.71	6.64	-232	0.520	41.0	0.61	0.333
1230	8.52	15.83	6.68	-235	0.524	23.6	0.50	0.335
1235	8.53	15.87	6.71	-238	0.528	10.2	0.49	0.339
1240	8.54	15.94	6.73	-240	0.542	9.5	0.43	0.348
1245	8.55	15.81	6.76	-243	0.554	11.4	0.43	0.354
1250	8.56	15.57	6.76	-243	0.559	1.8	0.40	0.358

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes ☒ No ☐
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes ☒ No ☐
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes ☒ No ☐

Sample ID: **MW-11** Duplicate? Yes ☐ No ☒
Sample Time: 1250 MS/MSD? Yes ☐ No ☒

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

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peterson
Date: 10/9/24
Job Number: 0603400-132410-221
Weather: 50° Rain
Well Id. **MW-12**
Time In: 1300 Time Out: 1340

Well Information

		TOC	Other
Depth to Water:	(feet)	4.21	
Depth to Bottom:	(feet)	14.30	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	10.09	
Volume of Water in Well:	(gal)	1.61	
Three Well Volumes:	(gal)	4.84	

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)	250			
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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1305	4.45	14.70	6.75	-142	1.08	29.1	4.21	0.692
1310	4.52	14.93	6.68	-105	1.15	13.8	3.11	0.736
1315	4.55	15.06	6.64	-93	1.39	9.5	2.13	0.889
1320	4.55	15.10	6.61	-113	1.60	8.6	1.78	1.03
1325	4.56	15.09	6.59	-127	1.90	7.5	1.45	1.21
1330	4.57	15.09	6.58	-140	2.37	7.3	1.12	1.52
1335	4.58	15.02	6.58	-147	2.66	6.7	0.95	1.71

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes ☒ No ☐
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes ☒ No ☐
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes ☒ No ☐

Sample ID: **MW-12** Duplicate? Yes ☐ No ☒
Sample Time: 1335 MS/MSD? Yes ☐ No ☒

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

Comments/Notes:

Laboratory: Eurofins Amherst, NY

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Date: 10/09/24
Job Number: 0603400-132410-221
Weather: Overcast 50° Rain
Well Id. **MW-103**
Time In: 0939 Time Out: 1015

Well Information

		TOC	Other
Depth to Water:	(feet)	26.64	
Depth to Bottom:	(feet)	40.00	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	13.36	
Volume of Water in Well:	(gal)	2.13	
Three Well Volumes:	(gal)	6.41	

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)	250			
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	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
0940	26.70	11.09	6.30	-160	1.00	146	1.90	0.641
0945	26.70	11.05	6.22	-194	0.974	81.4	1.38	0.623
0950	26.70	10.95	6.31	-202	0.965	37.1	1.10	0.618
0955	26.70	10.98	6.40	-209	0.966	46.9	0.97	0.618
1000	26.70	11.05	6.49	-213	0.963	25.9	0.80	0.616
1005	26.70	11.04	6.56	-214	0.957	23.7	0.68	0.611
1010	26.70	11.04	6.54	-191	0.930	22.8	1.96	0.593

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2- 250 ml ambers	Yes ☒	No ☐
EPA SW-846 Method 8260	VOC's BTEX	3 - 40 ml vials	Yes ☒	No ☐
EPA SW-846 Method 9012	Total Cyanide	1 - 125 ml plastic	Yes ☒	No ☐

Sample ID: **MW-103** Duplicate? Yes ☐ No ☒
Sample Time: 1010 MS/MSD? Yes ☐ No ☒

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

Comments/Notes:

Laboratory: Eurofins Amherst, NY

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins

Client Information

Client Contact: Tim Beaumont	Sampler:	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-192877-40373.1
Company: Groundwater & Environmental Services Inc	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Address: 6780 Northern Boulevard Suite 100	PWSID:			Job #:
City: East Syracuse	Due Date Requested:			
State, Zip: NY, 13057	TAT Requested (days): Standard			
Phone:	Compliance Project: Δ Yes Δ No			
Email: tbeaumont@gesonline.com	PO #: 0603440-132410-221-1106			
Project Name: Oneida Semi-Annual GWS Event Desc: Oneida Semi-Annual GW	WO #:			
Site: Oneida Semi-Annual GWS	Project #: 48027231			
	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B_NP - Cyanide, Total	8270D - PAH Semivolatiles	8260C - BTEX - 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:				B	N	A		
MW-1	10/9/24	1320	G	Water			1	2	3	6	
MW-2		1225	G	Water			1	2	3	6	
MW-3		1135	G	Water			1	2	3	6	
MW-4		1045	G	Water			1	2	3	6	
MW-5		0955	G	Water			1	2	3	6	
MW-6		1425	G	Water			1	2	3	6	
MW-7		1100	G	Water			1	2	3	6	
MW-ES-8		0905	G	Water			1	2	3	6	
MW-9		1150	G	Water			1	2	3	6	
MW-9-MS		1150	G	Water			1	2	3	6	
MW-9-MSD	↓	1150	G	Water			1	2	3	6	

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: [signature] GES	Date/Time: 10/9/24 1520	Company	Received by: R. English
Relinquished by: R. English	Date/Time: 10.9.24, 1900	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Received by: R. English	Date/Time: 10.9.24, 1520	Company Eurofins		
Received by:	Date/Time:	Company		
Received by:	Date/Time:	Company		

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

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins

Client Information	Sampler:	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-192877-40373.2
Client Contact: Tim Beaumont	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Groundwater & Environmental Services Inc	PWSID:			Job #:
Address: 6780 Northern Boulevard Suite 100	Due Date Requested:			
City: East Syracuse	TAT Requested (days): Standard			
State, Zip: NY, 13057	Compliance Project: ∧ Yes ∧ No			
Phone:	PO #: 0603440-132410-221-1106			
Email: tbeaumont@gesonline.com	WO #:			
Project Name: Oneida Semi-Annual GWS Event Desc: Oneida Semi-Annual GW	Project #: 48027231			
Site: Oneida Semi-Annual GWS	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B_NP - Cyanide, Total	8270D - PAH Semivolatiles	8260C - BTEX - 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:				B	N	A		
MW-ES-10S	10/7/24	1465	G	Water			1	2	3	6	
MW-11		1250	G	Water			1	2	3	6	
MW-12		1335	G	Water			1	2	3	6	
MW-103		1010	G	Water			1	2	3	6	
Field Duplicate		1200	G	Water			1	2	3	6	
Trip Blank				Water					3	3	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Y - Trizma
Other:	Z - other (specify)

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	GES	10/9/24 1520		R.English	10.9.24, 1520	
2	R.English	10.9.24, 1600				
3						

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

Cooler Temperature(s) °C and Other Remarks:

April 10, 2024 – Site Conditions

July 10, 2024– Site Conditions

January 15, 2025 – Site Conditions

Appendix B – Data Usability Summary Report

Groundwater & Environmental Services, Inc.

708 North Main Street, Suite 201
Blacksburg, VA 24060

T. 800.662.5067

February 17, 2025

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

RE: Data Usability Summary Report for National Grid - Oneida, NY Site Data Package
Eurofins Environmental Testing Job Nos. 480-218717-1, 480-224209-1

Groundwater & Environmental Services, Inc. (GES) reviewed two (2) data packages (Laboratory Project Numbers: 480-218717-1, and 480-224209-1) from Eurofins Environment Testing located in Amherst, NY (Eurofins Buffalo)., for the analysis of groundwater samples collected on April 11, 2024 and October 9, 2024 from monitoring wells located at the National Grid Oneida, NY Site. During both sampling events, 13 aqueous samples, one field duplicate (MW-2) and a trip blank were analyzed for select volatile organics, PAHs, and cyanide. Data validation occurred per the guidance found in the National Functional Guidelines for Organic and Inorganic Superfund methods, revised in 2020. Methodologies utilized are the USEPA SW846 methods 8260C, 8270D and EPA 9012B, with additional method and QC criteria required under 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
- Instrumental Tunes
- Sample Quantitation and Identification

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.

Table 1 – Data Qualifications

Sample ID	Qualifier	Analyte	Reason for qualification
MW-3- 042024 MW-5- 042024 MW-6- 042024 MW-9- 042024 MW-ES-10S- 042024 MW-3- 102024 MW-5- 102024 MW-ES-8-102024 MW-9- 102024 MW-ES-10S- 102024	U at RL	Cyanide	Blank detection

In summary, sample results are usable as reported, with the exception of the data listed above.

Qualified data should be used with care, as the quantification cannot be assumed accurate and/or precise. Qualifications are detailed in Table 1.

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

BTEX Volatiles by EPA 8260C/NYSDEC ASP

Sample holding times for groundwater samples and instrumental tune fragmentations are within acceptance ranges.

MW-6 was diluted before analysis in the spring and fall sampling events. Data are reported with elevated detection limits.

MW-ES-10S was diluted before analysis in the spring sampling event. Data are reported with elevated detection limits.

MW-7 in the spring analysis was diluted due to foaming. MW-1, MW-6, MW-9 and MW-ES-10S in the fall analysis were diluted due to foaming. Data are reported with elevated detection limits.

Blanks show no contamination. Calibration standards, both initial and continuing, show acceptable responses within analytical method protocols and validation guidelines.

Surrogate recoveries were within criteria with the exception of high BFB recoveries associated with non-detect data. No qualifications were required.

Internal standard recoveries are within required limits.

Calibration standards show acceptable responses within analytical protocol and validation action limits.

LCS/LCSD recoveries were within project and laboratory criteria.

MW-9 was utilized in both sampling events as the MS/MSD pair that was analyzed with the site data; recoveries were within project and laboratory criteria.

MW-2 was the blind field duplicate location for both sampling events. The only VOC detections in the two sampling events was a low-level detection of benzene in the April sampling event. As the concentration reported below reporting limits, precision could not be calculated.

PAHs by EPA8270D/NYSDEC ASP

Sample holding times for groundwater samples are within acceptance ranges.

Blanks show no contamination. Calibration standards, both initial and continuing, show acceptable responses within analytical method protocols and validation guidelines.

Surrogate recoveries of one of the three base neutral compounds (p-terphenyl) recovered low in multiple samples. The method allows one of the three to fail without affecting the data. No qualifications are required.

For the fall event, all surrogate recoveries fall within criteria, and for both events internal standard recoveries are within required limits.

The laboratory control spike recoveries and precision for both events indicate the method is within laboratory control.

An MS/MSD was analyzed using MW-9 as the matrix for both sampling events. Matrix spike and matrix spike recoveries were within laboratory specified criteria.

MW-2 was the blind field duplicate. The blind field duplicate correlations of MW-2 were not calculated, as all PAH analytes reported non-detect or below reporting limits.

Cyanide by EPA 9012B /NYSDEC ASP

Holding times were met.

Method blanks associated with both the spring and fall sampling events reported low-level detections, above the MDL but below the RL. All analytical data reported below the RL is qualified as non-detect at the RL.

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

The laboratory control spike recoveries and precision indicate the method is within laboratory control for both sampling events.

An MS/MSD was analyzed using MW-9. Although the spring and fall sample cyanide recoveries (89%, 87%, 83%, 89%) below laboratory criteria (90% - 100%), the recoveries were above the EPA recommended 75% minimum, and met project DQO. No qualifications were required.

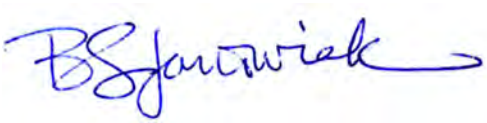
The blind field duplicate correlations of MW-2 were not calculated, as cyanide reported non-detect in both samples.

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.

Sincerely,



Bonnie Janowiak, Ph.D., NRCC Environmental Chemist
Principal Environmental Chemist

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 480-218717-1
Project/Site:

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-218717-1	Trip Blank	Water	04/10/24 12:40	04/11/24 11:00
480-218717-2	MW-1	Water	04/10/24 09:30	04/11/24 11:00
480-218717-3	MW-2	Water	04/10/24 10:20	04/11/24 11:00
480-218717-4	MW-3	Water	04/10/24 11:25	04/11/24 11:00
480-218717-5	MW-4	Water	04/10/24 12:20	04/11/24 11:00
480-218717-6	MW-5	Water	04/10/24 11:15	04/11/24 11:00
480-218717-7	MW-6	Water	04/10/24 12:05	04/11/24 11:00
480-218717-8	MW-7	Water	04/10/24 10:00	04/11/24 11:00
480-218717-9	MW-ES-8	Water	04/10/24 10:25	04/11/24 11:00
480-218717-10	MW-9	Water	04/10/24 10:45	04/11/24 11:00
480-218717-11	MW-ES-10S	Water	04/10/24 09:30	04/11/24 11:00
480-218717-12	MW-11	Water	04/10/24 12:20	04/11/24 11:00
480-218717-13	MW-12	Water	04/10/24 11:40	04/11/24 11:00
480-218717-14	MW-103	Water	04/10/24 09:15	04/11/24 11:00
480-218717-15	Field Duplicate	Water	04/10/24 00:00	04/11/24 11:00

Job ID: 480-218717-1 Eurofins Buffalo

Job Narrative
480-218717-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 4/11/2024 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.7º C and 3.2º C.

GC/MS VOA
Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-6 (480-218717-7) and MW-ES-10S (480-218717-11). Elevated reporting limits (RLs) are provided.

Method 8260C: Surrogate recovery for the following samples were outside the upper control limit: Trip Blank (480-218717-1), MW-5 (480-218717-6) and MW-11 (480-218717-12). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-7 (480-218717-8). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA
Method 8270D: Three surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-3 (480-218717-4), MW-5 (480-218717-6), MW-6 (480-218717-7), MW-7 (480-218717-8), MW-9 (480-218717-10), MW-9-MS (480-218717-10[MS]), MW-9-MSD (480-218717-10[MSD]), MW-ES-10S (480-218717-11), MW-12 (480-218717-13) and MW-103 (480-218717-14). These results have been reported and qualified.

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

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

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

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site:

Job ID: 480-224209-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-224209-1	MW-1	Water	10/09/24 13:20	10/10/24 11:00
480-224209-2	MW-2	Water	10/09/24 12:25	10/10/24 11:00
480-224209-3	MW-3	Water	10/09/24 11:35	10/10/24 11:00
480-224209-4	MW-4	Water	10/09/24 10:45	10/10/24 11:00
480-224209-5	MW-5	Water	10/09/24 09:55	10/10/24 11:00
480-224209-6	MW-6	Water	10/09/24 14:25	10/10/24 11:00
480-224209-7	MW-7	Water	10/09/24 11:00	10/10/24 11:00
480-224209-8	MW-ES-8	Water	10/09/24 09:05	10/10/24 11:00
480-224209-9	MW-9	Water	10/09/24 11:50	10/10/24 11:00
480-224209-10	MW-ES-10S	Water	10/09/24 14:05	10/10/24 11:00
480-224209-11	MW-11	Water	10/09/24 12:50	10/10/24 11:00
480-224209-12	MW-12	Water	10/09/24 13:35	10/10/24 11:00
480-224209-13	MW-103	Water	10/09/24 10:10	10/10/24 11:00
480-224209-14	Field Duplicate	Water	10/09/24 12:00	10/10/24 11:00
480-224209-15	Trip Blank	Water	10/09/24 00:00	10/10/24 11:00

Job ID: 480-224209-1 Eurofins Buffalo

Job Narrative
480-224209-1

Receipt
The samples were received on 10/10/2024 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.2º C, 2.8º C and 3.9º C.

GC/MS VOA
Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-1 (480-224209-1), MW-6 (480-224209-6), MW-7 (480-224209-7), MW-9 (480-224209-9), MW-9-MS (480-224209-9[MS]), MW-9-MSD (480-224209-9[MSD]) and MW-ES-10S (480-224209-10). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA
Method 8270D: The following sample was diluted due to the nature of the sample matrix: MW-6 (480-224209-6). Elevated reporting limits (RLs) are provided.

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

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

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

Appendix C – Quarterly Site Inspections

Site Management Plan Inspection Form
Sconondoa Street
Former MGP Site
Oneida, New York

Date: 1/15/2025 Time: 7:30
Technician: KL Weather: Snow 10

Soil Cover System			
Any signs of ground-intrusive activities?	YES	NO	COMMENTS:
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:
Any surface erosion?	YES	NO	COMMENTS:
Any settlement?	YES	NO	COMMENTS:
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:
Excessive cracking or missing pavement?	YES	NO	COMMENTS:
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:

Site Wide				
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO		COMMENTS:
Fence Condition?	GOOD	FAIR	Damaged	COMMENTS:
Gate Conditions?	GOOD	FAIR	Damaged	COMMENTS:
NG and GES Padlocks?	OPERATIONAL	NON-OPERATIONAL		COMMENTS:
Have the front lawns been mowed?	YES	NO		COMMENTS:
Conditon of the asphalt pavement	GOOD	FAIR	POOR	COMMENTS:
Conditon of the front sidewalks?	GOOD	FAIR	POOR	COMMENTS:
Conditon of the building foundations?	GOOD	FAIR	POOR	COMMENTS:
Are the requirements of the Site Management Plan being met?	YES	NO		COMMENTS:
Are there any needed changes?	YES	NO		COMMENTS:
Are the site records complete and up to date?	YES	NO		COMMENTS:

Miscellaneous				
Evidence of Trespassing	YES	NO		COMMENTS:
Litter	NONE	MINOR	SIGNIFICANT	COMMENTS:

Site Monitoring Wells		
Well ID.	***Location Secure***	
MW-1	YES	NO
MW-2	YES	NO
MW-3	YES	NO
MW-4	YES	NO
MW-5	YES	NO
MW-6	YES	NO
MW-7	YES	NO
MW-ES-8	YES	NO
MW-9	YES	NO
MW-ES-10S	YES	NO
MW-11	YES	NO
MW-12	YES	NO
MW-103	YES	NO

General Comments:

Site Management Plan Inspection Form
Sconondoa Street
Former MGP Site
Oneida, New York

Date: 10/9/2024 Time: 14:30
Technician: AJ Weather: Rain 55

Soil Cover System			
Any signs of ground-intrusive activities?	YES	NO	COMMENTS:
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:
Any surface erosion?	YES	NO	COMMENTS:
Any settlement?	YES	NO	COMMENTS:
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:
Excessive cracking or missing pavement?	YES	NO	COMMENTS:
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:

Site Wide				
Any repairs, maintenace or corrective actions since the last inspection?	YES		NO	COMMENTS:
Fence Condition?	GOOD	FAIR	Damaged	COMMENTS:
Gate Conditions?	GOOD	FAIR	Damaged	COMMENTS:
NG and GES Padlocks?	OPERATIONAL		NON-OPERATIONAL	COMMENTS:
Have the front lawns been mowed?	YES		NO	COMMENTS:
Conditon of the asphalt pavement	GOOD	FAIR	POOR	COMMENTS:
Conditon of the front sidewalks?	GOOD	FAIR	POOR	COMMENTS:
Conditon of the building foundations?	GOOD	FAIR	POOR	COMMENTS:
Are the requirements of the Site Management Plan being met?	YES		NO	COMMENTS:
Are there any needed changes?	YES		NO	COMMENTS:
Are the site records complete and up to date?	YES		NO	COMMENTS:

Miscellaneous				
Evidence of Trespassing	YES		NO	COMMENTS:
Litter	NONE	MINOR	SIGNIFICANT	COMMENTS:

Site Monitoring Wells		
Well ID.	***Location Secure***	
MW-1	YES	NO
MW-2	YES	NO
MW-3	YES	NO
MW-4	YES	NO
MW-5	YES	NO
MW-6	YES	NO
MW-7	YES	NO
MW-ES-8	YES	NO
MW-9	YES	NO
MW-ES-10S	YES	NO
MW-11	YES	NO
MW-12	YES	NO
MW-103	YES	NO

General Comments:

Site Management Plan Inspection Form
Sconondoa Street
Former MGP Site
Oneida, New York

Date: 7/10/2024 Time: 13:45

Technician: Kevin Leo Weather: Sunny 89

Soil Cover System		
Any signs of ground-intrusive activities?	No	COMMENTS:
Any soil disturbance regardless of quantity/extent?	No	COMMENTS:
Any surface erosion?	No	COMMENTS:
Any settlement?	No	COMMENTS:
Bare or sparsely-vegetated areas?	No	COMMENTS:
Excessive cracking or missing pavement?	No	COMMENTS:
Any other conditions affecting the thickness or the integrity of the soil cover system?	No	COMMENTS:

Site Wide		
Any repairs, maintenace or corrective actions since the last inspection?	No	COMMENTS:
Fence Condition?	Good	COMMENTS:
Gate Conditions?	Good	COMMENTS:
NG and GES Padlocks?	Operational	COMMENTS:
Have the front lawns been mowed?	Yes	COMMENTS:
Conditon of the asphalt pavement	Good	COMMENTS:
Conditon of the front sidewalks?	Good	COMMENTS:
Conditon of the building foundations?	Good	COMMENTS:
Are the requirements of the Site Management Plan being met?	Yes	COMMENTS:
Are there any needed changes?	No	COMMENTS:
Are the site records complete and up to date?	Yes	COMMENTS:

Miscellaneous		
Evidence of Trespassing	No	COMMENTS:
Litter	None	COMMENTS:

Site Monitoring Wells	
Well ID.	***Location Secure***
MW-1	Yes
MW-2	Yes
MW-3	Yes
MW-4	Yes
MW-5	Yes
MW-6	Yes
MW-7	Yes
MW-ES-8	Yes
MW-9	Yes
MW-ES-10S	Yes
MW-11	Yes
MW-12	Yes
MW-103	Yes

General Comments:

Site Management Plan Inspection Form
Sconondoa Street
Former MGP Site
Oneida, New York

Date: 4/10/2024 Time: 12:55

Technician: Kevin Leo Weather: Cloudy 60

Soil Cover System		
Any signs of ground-intrusive activities?	No	COMMENTS:
Any soil disturbance regardless of quantity/extent?	Yes	COMMENTS: Slight plow damage to front lawn
Any surface erosion?	No	COMMENTS:
Any settlement?	No	COMMENTS:
Bare or sparsely-vegetated areas?	No	COMMENTS:
Excessive cracking or missing pavement?	No	COMMENTS:
Any other conditions affecting the thickness or the integrity of the soil cover system?	No	COMMENTS:

Site Wide		
Any repairs, maintenace or corrective actions since the last inspection?	No	COMMENTS:
Fence Condition?	Good	COMMENTS:
Gate Conditions?	Good	COMMENTS:
NG and GES Padlocks?	Operational	COMMENTS:
Have the front lawns been mowed?	No	COMMENTS:
Conditon of the asphalt pavement	Good	COMMENTS:
Conditon of the front sidewalks?	Good	COMMENTS:
Conditon of the building foundations?	Good	COMMENTS:
Are the requirements of the Site Management Plan being met?	Yes	COMMENTS:
Are there any needed changes?	No	COMMENTS:
Are the site records complete and up to date?	Yes	COMMENTS:

Miscellaneous		
Evidence of Trespassing	No	COMMENTS:
Litter	None	COMMENTS:

Site Monitoring Wells	
Well ID.	***Location Secure***
MW-1	Yes
MW-2	Yes
MW-3	Yes
MW-4	Yes
MW-5	Yes
MW-6	Yes
MW-7	Yes
MW-ES-8	Yes
MW-9	Yes
MW-ES-10S	Yes
MW-11	Yes
MW-12	Yes
MW-103	Yes

General Comments:

Repaired plow damage on front lawn