nationalgrid

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

February 29, 2024

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: 2023 Annual Groundwater Monitoring Report
Oneida (Sconondoa Street) Former MGP Site
Oneida, NY
NYSDEC Site No. 7-27-008

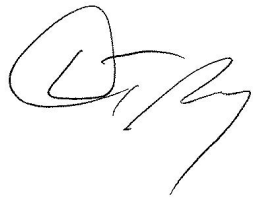
Dear Mr. Squire:

Enclosed is the 2023 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

2023 Groundwater Monitoring Report

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

February 2024

Version 1

2023 Groundwater Monitoring Report

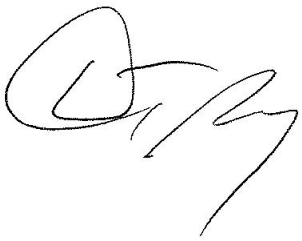
National Grid Oneida Site
215 Sconondoa Street
Oneida, NY

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:
0603400.132410.221

Date:
February 29, 2024



Devin T. Shay, PG
Program Manager / Principal Hydrogeologist

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Acronyms & Abbreviations

DUSR	Data Usability Summary Report
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
Pace	Pace Analytical Laboratories
QA/QC	Quality Assurance/Quality Control
SMP	Site Management Plan

1 Introduction

1.1 Introduction

Groundwater & Environmental Services, Inc. (GES) has prepared this 2023 Groundwater Monitoring Report on behalf of National Grid. This report compiles the groundwater monitoring activities completed in the Spring of 2023, and Fall of 2023 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 2023:

- Semi-Annual groundwater sampling was conducted in April 2023, and October 2023 at 13 monitoring wells. The samples were sent to Pace Analytical Laboratories (Pace) to be analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), polycyclic aromatic

hydrocarbons (PAHs) and Cyanide. The analytical data reports provided by Pace 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.
- Well RW-1 was abandoned on September 13, 2023, following approval from the NYSDEC. A letter summarizing the well abandonment activity was submitted to the NYSDEC on November 2, 2023.

2 Groundwater Monitoring

2.1 General

The spring 2023 event was conducted on April 12, 2023, and fall 2023 event was conducted on October 12, 2023. 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 Pace 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 2023, and October 2023, 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 12, 2023, and October 12, 2023 (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 Pace Analytical for laboratory analysis for Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX; EPA Method 8260C), Semi-Volatile Polycyclic Aromatic Hydrocarbons (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 2023, monitoring wells MW-3, MW-4, MW-12, and MW-103 had no detections of any analyzed compound. Monitoring wells MW-1, , MW-6, and MW-7 had exceedances of one or more compounds during the April 2023 sampling event. In October 2023, MW-1, MW-6, and MW-7 had exceedances of one or more compound. Monitoring well MW-3, MW-4, MW-5, MW-ES-8, MW-11, MW-12, and MW-103 had no detections of any analyzed compound in October 2023.

2.4 Analytical Results Data Validation

The analytical data reports provided by Pace for the April 2023, and October 2023 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 Data Usability Summary Reports 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

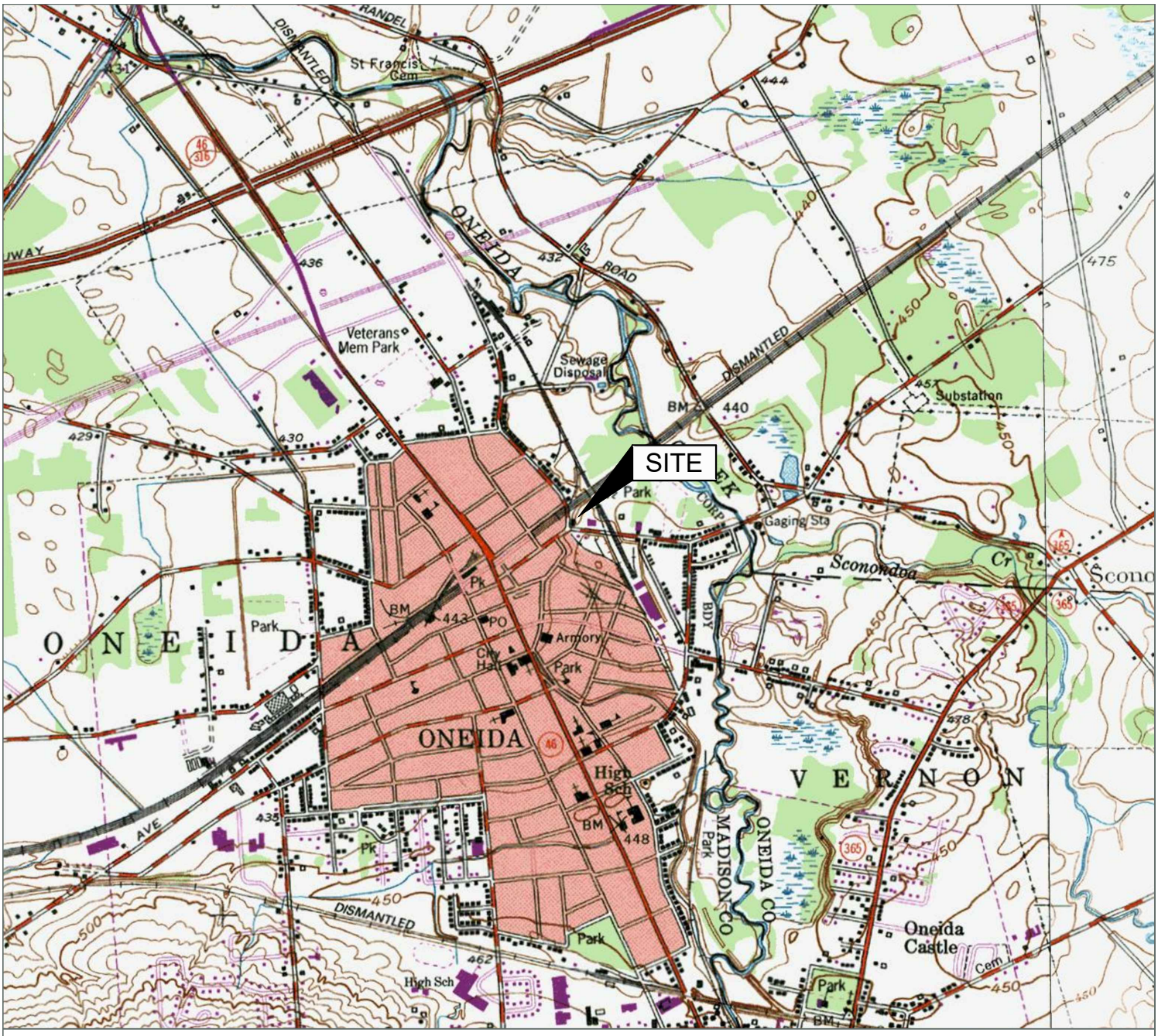
Quarterly site-wide inspections were conducted by GES and documented in inspection sheets. The vegetative cover, fence line, and security gates are inspected as part of site-wide inspection activities. Refer to **Appendix A** for photographs of the current site conditions, and to **Appendix C** for the quarterly inspection sheets.

3.2 Recommendations

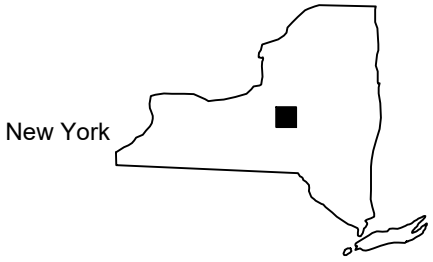
For 2024, GES recommends that the OM&M site program continue with the following elements:

- 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

Groundwater & Environmental Services, Inc.

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Site Map

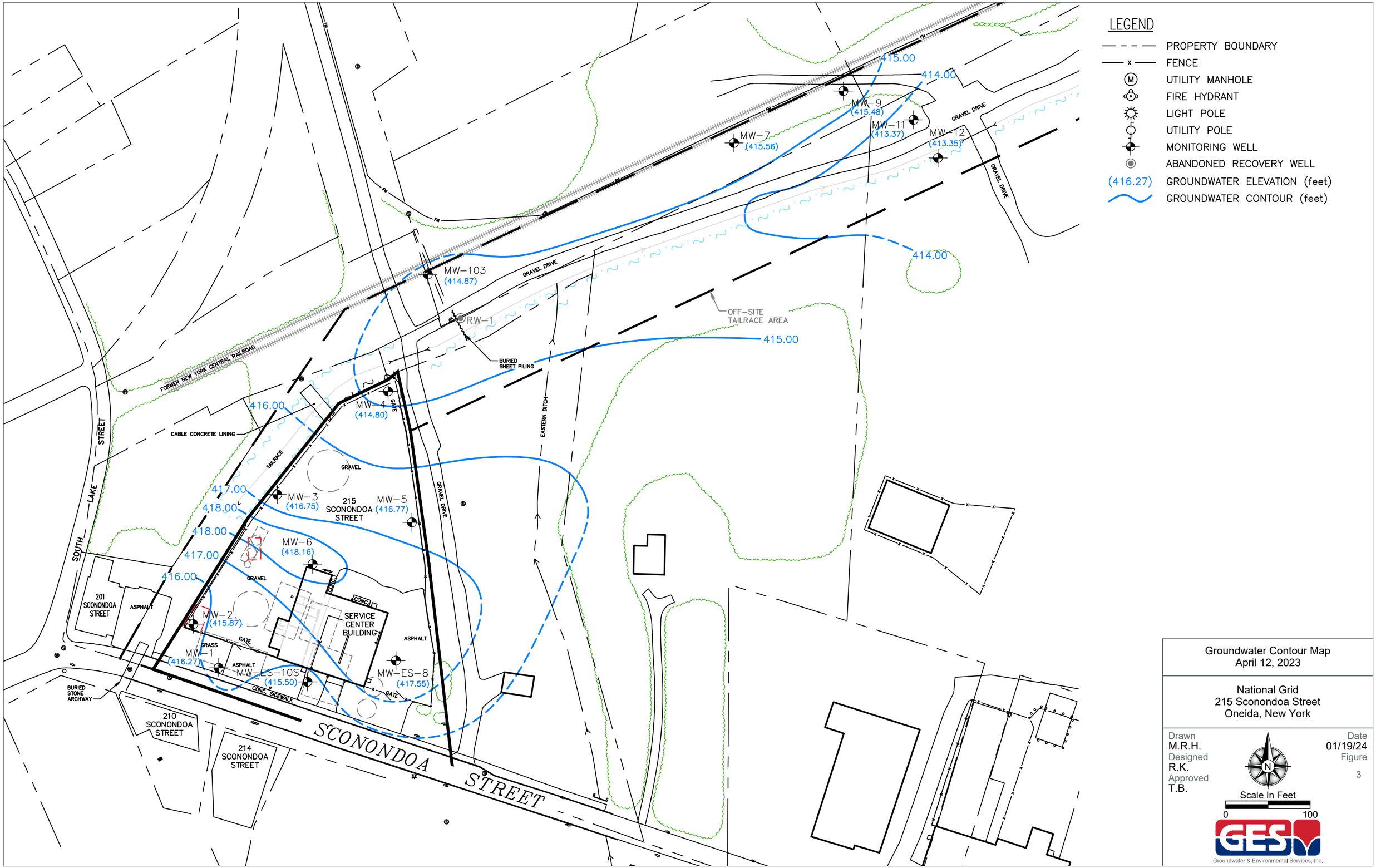
National Grid
215 Sconondoa Street
Oneida, New York

Drawn W.G.S.
Designed
Approved

Date 11/3/21
Figure 2

Scale In Feet
0 100

Groundwater & Environmental Services, Inc.



Groundwater Contour Map
April 12, 2023

National Grid
215 Sconondoa Street
Oneida, New York

Drawn	Date
M.R.H.	01/19/24
Designed	Figure
R.K.	3
Approved	
T.B.	

Scale In Feet
0 100

Groundwater & Environmental Services, Inc.

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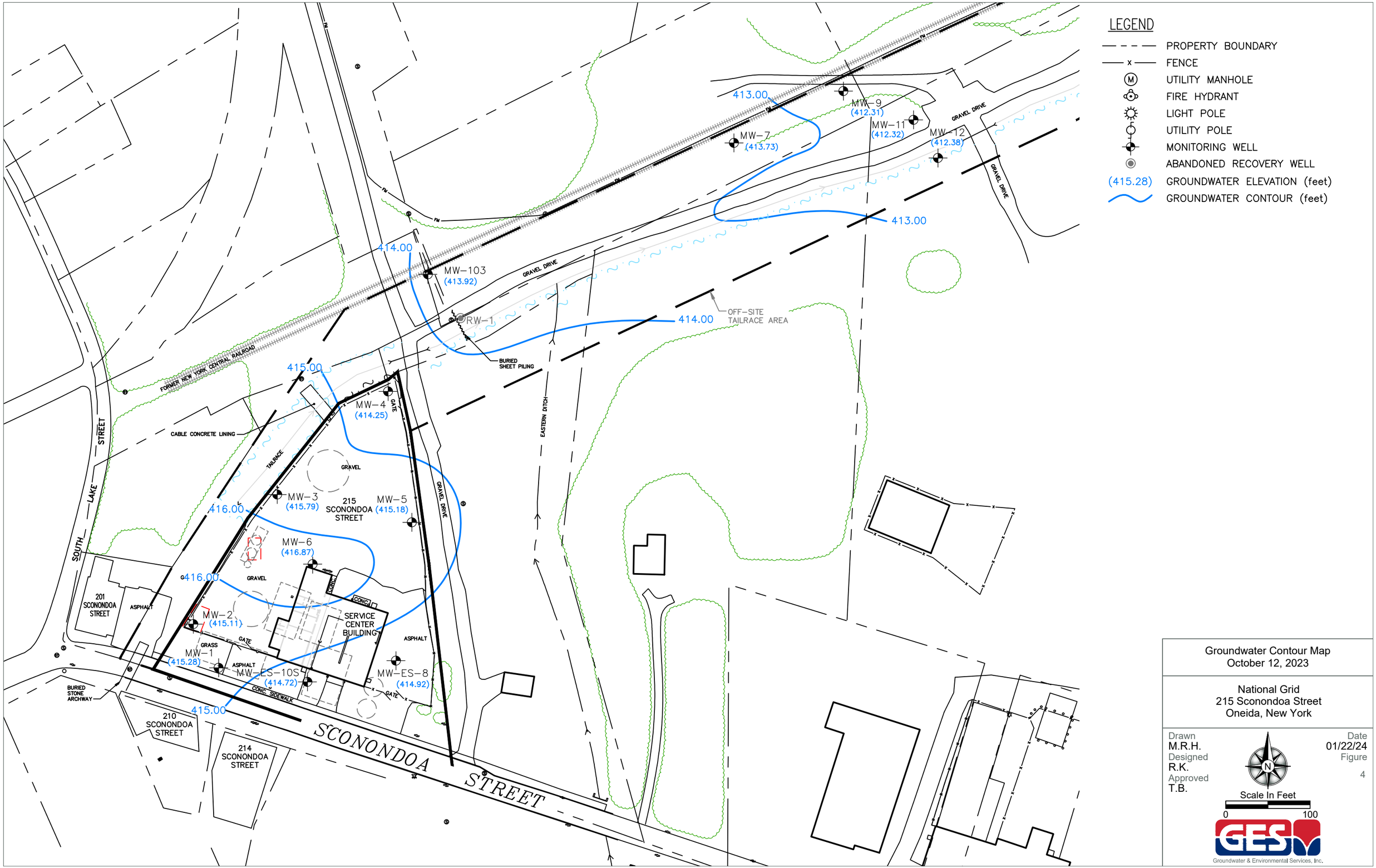

Groundwater Contour Map
October 12, 2023

National Grid
215 Sconondoa Street
Oneida, New York

Drawn M.R.H.
Designed R.K.
Approved T.B.

Date 01/22/24
Figure 4

Scale In Feet
0 100

Groundwater & Environmental Services, Inc.

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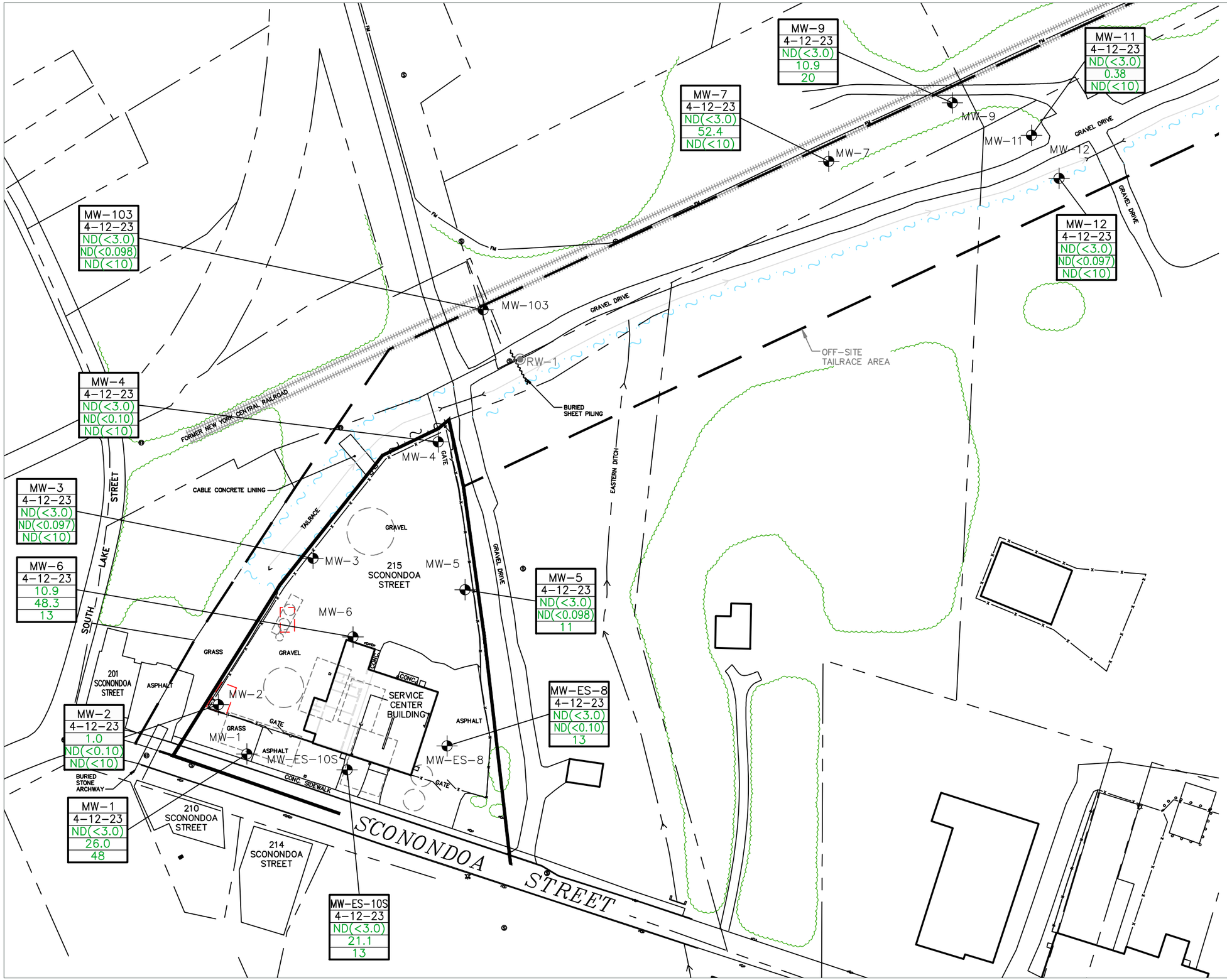


LEGEND

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

MW-1
4-12-23
ND(<3.0)
26.0
48

- 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
(<#)	WHERE AN ANALYTE IS NOT DETECTED, A METHOD DETECTION LIMIT IS GIVEN

Groundwater Monitoring Map
April 12, 2023

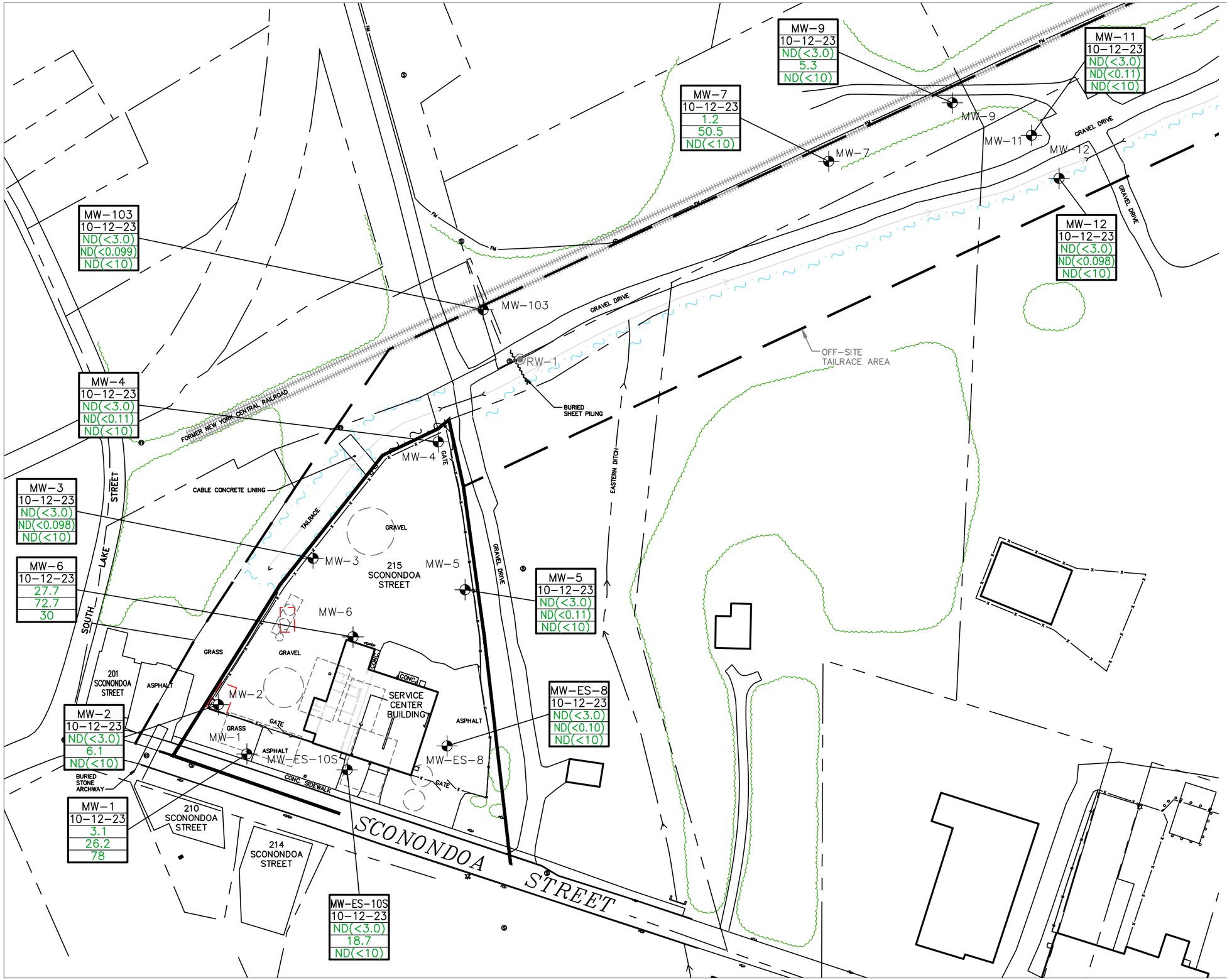
National Grid
215 Sconondoa Street
Oneida, New York

Drawn
M.R.H.
Designed
R.K.
Approved
T.B.

Date
01/19/24
Figure
5

Scale In Feet
0 100

Groundwater & Environmental Services, Inc.



LEGEND

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

MW-1
10-12-23
3.1
26.2
78

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
(<#)	WHERE AN ANALYTE IS NOT DETECTED, A METHOD DETECTION LIMIT IS GIVEN

Groundwater Monitoring Map
October 12, 2023

National Grid
215 Sconondoa Street
Oneida, New York

Drawn M.R.H.
Designed R.K.
Approved T.B.

Date 01/19/24
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	
		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
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
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
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
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
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
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
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
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
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
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
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
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
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
MW-1	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
MW-3	NP	NP	NP	NP	Trace	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
MW-5	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
MW-7	NP	NP	NP	NP	Trace	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
MW-9	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
MW-11	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
MW-103	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
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**
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)
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)
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)
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
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
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
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)
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)
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)
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)
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)
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)
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)
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
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
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)
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)
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
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)
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
Cyanide																		
Cyanide	µg/L	200	38	31	49	100	20	62	48	ND (<10)	76	99	42	69	30	81	48	78

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
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)
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)
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)
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)
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
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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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
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)
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)
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)
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)
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)
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)

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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

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
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**
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
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)
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
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**
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
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
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**
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**
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**
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
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**
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**
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
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
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
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**
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)
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
Phenanthrene	µg/L	50	**62.6**	**12.6**	40.9	**130**	**179**	16.7	2	6.3	**82.2**	1.1	3.5
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
Cyanide													
Cyanide	µg/L	200	28	7.4 B	14	ND (<10)	18	ND (<10)	ND (<10)	16	19	13	30

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
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)
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
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)
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)
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**
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
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
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)
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)
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)
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)
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)
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)
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)
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
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
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)
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
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
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
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
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)

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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

AWQS = Ambient Water Quality Standards
BTEX = Benzene, Ethylbenzene, Toluene and Xylene
J = Estimated Concentration Value
mg/L = Milligrams per Liter
NC = No Criteria
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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
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)
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)
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)
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)
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
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
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)
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)
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)
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)
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)
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)
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)
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)
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
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)
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)
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)
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)
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)
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
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)

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
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)
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)
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)
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)
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
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
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
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)
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)
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)
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)
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)
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)
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)
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)
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
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)
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)
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
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
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)
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)

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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

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

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"	6.20	—	19.70	
MW-2	Yes	2"	6.02	—	17.66	Field Duplicate
MW-3	Yes	2"	4.02	—	14.13	
MW-4	Yes	2"	4.92	—	13.34	
MW-5	Yes	2"	4.55	—	16.10	
MW-6	Yes	2"	4.05	—	14.25	
MW-7	Yes	4"	23.71	—	37.20	
MW-ES-8	Yes	2"	4.38	—	14.10	
MW-9	Yes	4"	21.95	—	40.50	MS/MSD
MW-ES-10S	Yes	2"	6.52	—	14.50	
MW-11	Yes	2"	7.00	—	18.50	
MW-12	Yes	2"	2.62	—	14.30	
MW-103	Yes	2"	25.95	—	40.00	
RW-1	No	6"	—	—	28.52	Destroyed / Damaged?

DTW *-depth to water*

DTP *-depth to product*

DTB *-depth to bottom*

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AS
Date: 4/12/23
Job Number: 0603324-132410-221
Weather: 60's°F, sunny
Well Id. **MW-1**
Time In: 1235 Time Out: 1320

Well Information

		TOC	Other
Depth to Water:	(feet)	6.20	
Depth to Bottom:	(feet)	19.70	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	13.50	
Volume of Water in Well:	(gal)	8.64	
Three Well Volumes:	(gal)	25.9	

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: 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)
1240	6.41	13.00	7.12	-121	1.86	18.9	0.81	1.15
1245	6.49	13.62	7.07	-143	1.86	34.0	0.58	1.19
1250	6.45	15.09	7.05	-145	1.93	48.9	0.51	1.23
1255	6.45	16.71	7.05	-144	1.92	46.4	0.62	1.23
1300	6.45	17.24	7.04	-141	1.89	46.7	0.65	1.21
1305	6.45	18.24	7.04	-138	1.90	42.7	0.78	1.21
1310	6.45	18.66	7.05	-136	1.88	92.9	0.83	1.21

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X]	No [ ]

Sample ID: **MW-1-0423** Duplicate? Yes [ ] No [X]
Sample Time: 1315 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AS
Job Number: 0603324-132410-221
Well Id. **MW-2**

Date: 4/12/23
Weather: 62°F, sunny
Time In: 1140 Time Out: 1230

Well Information

		TOC	Other
Depth to Water:	(feet)	6.02	
Depth to Bottom:	(feet)	17.66	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	11.64	
Volume of Water in Well:	(gal)	1.86	
Three Well Volumes:	(gal)	5.58	

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:	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)
1145	6.05	10.93	7.41	199	0.530	0.0	4.67	0.342
1150	6.10	12.17	7.45	195	0.467	3.1	4.41	0.305
1155	6.10	12.55	7.43	192	0.458	0.0	3.92	0.298
1200	6.10	12.74	7.42	189	0.460	0.0	3.61	0.299
1205	6.10	12.82	7.41	186	0.466	0.0	3.19	0.303
1210	6.10	12.89	7.40	184	0.473	0.0	2.95	0.307
1215	6.10	13.06	7.39	183	0.478	0.0	2.77	0.311

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

4 - 100 ml ambers Yes [X] No [ ]
6 - 40 ml vials Yes [X] No [ ]
2 - 250 ml plastic Yes [X] No [ ]

FD-0423

Sample ID: **MW-2-0423** Duplicate? Yes [X] No [X]
Sample Time: 1220 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AS
Job Number: 0603324-132410-221
Well Id. **MW-3**

Date: 4/12/23
Weather: 60°F, sunny
Time In: 1050 Time Out: 1135

Well Information

		TOC	Other
Depth to Water:	(feet)	4.02	
Depth to Bottom:	(feet)	14.13	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	10.11	
Volume of Water in Well:	(gal)	1.61	
Three Well Volumes:	(gal)	4.85	

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:	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)
1055	4.28	10.48	7.30	48	0.655	0.0	2.90	0.422
1100	4.39	10.03	7.37	137	0.598	0.0	4.59	0383
1105	4.39	9.98	7.36	176	0.579	0.0	4.57	0370
1110	4.39	10.09	7.36	191	0574	0.0	4.57	0367
1115	4.39	10.10	7.36	193	0.573	0.0	4.58	0.367
1120	4.39	10.09	7.36	196	0.572	0.0	4.58	0.366
1125	4.39	10.10	7.37	200	0.569	0.0	4.61	0.364

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-3-0423** Duplicate? Yes [ ] No [X]
Sample Time: 1130 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AJ
Date: 4/12/23
Job Number: 0603324-132410-221
Weather: 58°F, sunny
Well Id. **MW-4**
Time In: 1000 Time Out: 1045

Well Information

		TOC	Other
Depth to Water:	(feet)	4.92	
Depth to Bottom:	(feet)	13.34	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	8.42	
Volume of Water in Well:	(gal)	1.34	
Three Well Volumes:	(gal)	4.0	

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: 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)
1005	5.22	10.26	7.12	-1	0.832	3.9	1.08	0.536
1010	5.25	10.59	7.19	-35	0.748	8.5	1.02	0.480
1015	5.25	10.70	7.15	-39	0.724	7.3	0.105	0.463
1020	5.25	10.79	7.15	-43	0.718	4.0	0.100	0.460
1025	5.25	10.93	7.14	-45	0.717	2.5	0.53	0.459
1030	5.25	10.95	7.14	-48	0.718	0.3	0.50	0.459
1035	5.25	10.93	7.15	-50	0.719	0.0	0.46	0.460

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-4-0423** Duplicate? Yes [ ] No [X]
Sample Time: 1040 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AJS
Date: 4/12/23
Job Number: 0603324-132410-221
Weather: 54°F, mostly sunny
Well Id. **MW-5**
Time In: 0905 Time Out: 0950

Well Information

		TOC	Other
Depth to Water:	(feet)	4.55	
Depth to Bottom:	(feet)	16.10	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	11.55	
Volume of Water in Well:	(gal)	1.84	
Three Well Volumes:	(gal)	5.54	

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: 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)
0910	4.71	10.94	7.00	141	0.845	84.9	3.39	0.539
0915	4.72	10.20	7.00	30	0.891	84.9	1.51	0.569
0920	4.73	10.17	6.96	39	0.910	13.3	0.79	0.583
0925	4.74	10.19	6.95	52	0.901	5.2	0.70	0.577
0930	4.74	9.96	6.95	54	0.897	0.0	0.65	0.574
0935	4.74	9.82	6.94	51	0.902	0.0	0.62	0.577
0940	4.74	9.89	6.54	49	0.905	0.0	0.62	0.579

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X]	No [ ]

Sample ID: **MW-5-0423** Duplicate? Yes [ ] No [X]
Sample Time: 0945 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AS
Job Number: 0603324-132410-221
Well Id. **MW-6**

Date: 4/12/23
Weather: 60°F, Sunny
Time In: 1335 Time Out: 1420

Well Information

		TOC	Other
Depth to Water:	(feet)	4.05	
Depth to Bottom:	(feet)	14.25	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	10.20	
Volume of Water in Well:	(gal)	1.63	
Three Well Volumes:	(gal)	4.89	

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:	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)
1340	4.72	15.98	7.04	-46	1.33	101	0.75	0.886
1345	4.78	13.02	6.95	-42	0.520	7.5	0.51	0.337
1350	4.79	12.72	6.84	-45	0.521	7.2	0.34	0.334
1355	4.80	12.42	6.79	-45	0.512	6.1	0.32	0.328
1400	4.80	12.20	6.79	-39	0.499	5.5	0.38	0.323
1405	4.80	12.10	6.79	-33	0.492	6.1	0.48	0.320
1410	4.80	12.07	6.78	-32	0.492	4.1	0.56	0.320

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-6-0423** Duplicate? Yes [ ] No [X]
Sample Time: 1415 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Job Number: 0603324-132410-221
Well Id. **MW-7**

Date: 4/12/23
Weather: Sunny 60°
Time In: 1038 Time Out: 1120

Well Information

		TOC	Other
Depth to Water:	(feet)	23.71	
Depth to Bottom:	(feet)	37.20	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	13.49	
Volume of Water in Well:	(gal)	8.80	
Three Well Volumes:	(gal)	26.71	

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)
1045	23.77	15.08	6.99	-60	1.48	2.3	4.79	0.752
1050	23.77	14.15	6.83	-66	1.54	1.2	2.03	0.789
1055	23.77	13.47	6.77	-64	1.58	1.6	1.59	1.01
1100	23.77	13.54	6.76	-61	1.57	1.2	1.52	1.00
1105	23.77	13.53	6.74	-59	1.56	1.2	1.46	1.00
1110	23.77	13.58	6.73	-55	1.56	0.2	1.42	1.00
1115	23.77	13.49	6.71	-54	1.56	0.2	1.41	1.00

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes ☒ No ☐

Sample ID: **MW-7-0423** Duplicate? Yes ☐ No ☒
Sample Time: 1115 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AS
Job Number: 0603324-132410-221
Well Id. **MW-ES-8**

Date: 4/12/23
Weather: 52°F, Mostly sunny
Time In: 0815 Time Out: 0900

Well Information

		TOC	Other
Depth to Water:	(feet)	4.38	
Depth to Bottom:	(feet)	14.10	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	9.72	
Volume of Water in Well:	(gal)	1.55	
Three Well Volumes:	(gal)	4.66	

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:	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)
0820	4.82	11.28	7.13	178	0.860	77.1	5.78	0.539
0825	5.01	11.26	7.02	193	0.838	44.4	5.29	0.536
0830	5.32	11.28	6.99	206	0.822	28.6	5.21	0.527
0835	5.99	11.24	6.98	216	0.807	13.8	5.09	0.516
0835	6.72	11.26	6.97	223	0.807	7.8	4.81	0.517
0840	6.99	11.34	6.97	225	0.808	5.7	4.64	0.517
0845	7.29	11.35	6.97	226	0.810	6.9	4.53	0.519
0850	7.45	11.39	6.98	228	0.817	32.9	4.47	0.523

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-ES-8-0423** Duplicate? Yes [ ] No [X]
Sample Time: 0855 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Job Number: 0603324-132410-221
Well Id. **MW-9**

Date: 4/12/23
Weather: Sunny 60°
Time In: 0948 Time Out: 1030

Well Information

		TOC	Other
Depth to Water:	(feet)	21.95	
Depth to Bottom:	(feet)	40.50	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	18.55	
Volume of Water in Well:	(gal)	12.21	
Three Well Volumes:	(gal)	36.72	

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)
0950	22.15	12.34	7.31	-57	1.02	12.2	2.84	0.649
0955	22.18	12.48	7.24	-25	0.952	6.8	1.66	0.609
1000	22.18	12.62	7.24	-24	0.939	6.0	1.49	0.601
1005	22.19	12.77	7.23	-22	0.933	6.1	1.43	0.597
1010	22.18	12.97	7.20	-68	0.934	6.5	1.41	0.598
1015	22.18	13.23	7.10	-92	0.968	4.8	1.38	0.620
1020	22.18	13.26	7.03	-98	0.997	3.7	1.37	0.639

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 - 100 ml ambers Yes [X] No [ ]
9 - 40 ml vials Yes [X] No [ ]
3 - 250 ml plastic Yes [X] No [ ]

MW-9-MS-0423 **MW-9-MSD-0423**

Sample ID: **MW-9-0423** Duplicate? Yes [ ] No [X]
Sample Time: 1020 MS/MSD? Yes [X] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Job Number: 0603324-132410-221
Well Id. **MW-ES-10S**

Date: 4/12/23
Weather: 70° Sunny
Time In: 1217 Time Out: 1300

Well Information

		TOC	Other
Depth to Water:	(feet)	6.52	
Depth to Bottom:	(feet)	14.50	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	7.98	
Volume of Water in Well:	(gal)	1.27	
Three Well Volumes:	(gal)	3.83	

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)	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)
1220	6.60	20.11	6.90	-58	2.56	25.2	2.03	1.63
1225	6.59	19.95	6.94	-74	2.52	26.2	1.60	1.61
1230	6.59	18.52	6.94	-89	2.40	15.0	1.20	1.53
1235	6.59	17.94	6.94	-93	2.39	13.8	1.18	1.53
1240	6.59	17.58	6.95	-96	2.39	10.7	1.18	1.53
1245	6.59	17.56	6.95	-97	2.38	10.6	1.18	1.52
1250	6.59	17.58	6.95	-99	2.37	4.5	1.18	1.52

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-ES-10S-0423** Duplicate? Yes [ ] No [X]
Sample Time: 1250 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: DK 4o—
Date: 4/12/23
Job Number: 0603324-132410-221
Weather: Sunny 60°
Well Id. **MW-11**
Time In: 0820 Time Out: 090

Well Information

		TOC	Other
Depth to Water:	(feet)	7.00	
Depth to Bottom:	(feet)	18.50	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	11.50	
Volume of Water in Well:	(gal)	1.84	
Three Well Volumes:	(gal)	5.52	

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)
0825	6.97	11.14	8.19	-153	0.748	838	3.23	0.481
0830	6.96	10.76	7.89	-147	0.782	891	2.39	0.500
0835	6.96	10.57	7.57	-151	0.777	71.4	1.99	0.498
0840	6.98	10.23	7.48	-153	0.792	72.7	1.89	0.507
0845	6.99	10.26	7.41	-123	0.827	33.7	3.62	0.530
0850	6.96	10.28	7.36	-143	0.831	22.0	1.91	0.532
0855	6.96	10.39	7.35	-147	0.841	14.4	1.71	0.539

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes ☒ No ☐

Sample ID: **MW-11-0423** Duplicate? Yes ☐ No ☒
Sample Time: 0855 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Job Number: 0603324-132410-221
Well Id. **MW-12**

Date: 4/12/23
Weather: Sunny 60°
Time In: 0903 Time Out: 0940

Well Information

		TOC	Other
Depth to Water:	(feet)	2.62	
Depth to Bottom:	(feet)	14.30	
Depth to Product:	(feet)	--	
Length of Water Column:	(feet)	11.68	
Volume of Water in Well:	(gal)	1.86	
Three Well Volumes:	(gal)	5.60	

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)
0905	2.70	12.82	7.08	-89	5.16	37.4	3.28	3.26
0910	2.70	12.32	7.17	-78	5.32	16.7	2.23	3.35
0915	2.70	11.21	7.12	-64	4.83	11.1	1.53	3.08
0920	2.72	11.18	7.05	-63	4.62	2.4	1.51	2.95
0925	2.72	11.09	7.01	-64	4.49	3.6	1.48	2.87
0930	2.72	10.90	6.99	-66	4.44	1.7	1.43	2.84
0935	2.72	10.87	6.98	-67	4.43	1.2	1.42	2.83

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes ☒	No ☐

Sample ID: **MW-12-0423** Duplicate? Yes ☐ No ☒
Sample Time: 0935 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Job Number: 0603324-132410-221
Well Id. **MW-103**

Date: 4/12/23
Weather: Sunny 70°
Time In: 1122 Time Out: 1200

Well Information

		TOC	Other
Depth to Water:	(feet)	25.95	
Depth to Bottom:	(feet)	40.00	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	14.05	
Volume of Water in Well:	(gal)	2.24	
Three Well Volumes:	(gal)	6.74	

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)
1125	26.05	17.79	7.14	-67	1.25	1000+	5.33	0.783
1130	26.05	17.78	7.00	-64	1.26	1000+	1.30	0.802
1135	26.05	16.46	6.88	-66	1.19	422	1.61	0.759
1140	26.05	16.78	6.84	-68	1.18	92.1	1.47	0.745
1145	26.05	17.48	6.85	-69	1.15	69.2	1.96	0.737
1150	26.05	17.92	6.87	-71	1.15	53.2	1.66	0.732
1155	26.05	18.08	6.88	-73	1.14	22.6	1.79	0.730

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes ☒ No ☐

Sample ID: **MW-103-0423** Duplicate? Yes ☐ No ☒
Sample Time: 1155 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:

Company: GES - Syracuse
Address: 6780 Northern Blvd, Suite 100
East Syracuse, New York 13057
Email To: dshay@gesonline.com
Phone: 800.220.3069 x4051 Fax: None
Requested Due Date/TAT: Standard

Section B
Required Project Information:

Report To: Devin Shay (GES) dshay@gesonline.com
Report To: Tim Beaumont (GES) tbeaumont@gesonline.com
Purchase Order No.:
Project Name: National Grid - Oneida Sconondoa St, Oneida NY
Project Number: 0603324-132410-221-1106

Section C
Invoice Information:

Attention: Accounts Payable via email at ges-invoices@gesonline.com
Company Name: Groundwater & Environmental Services, Inc.
Address: 6780 Northern Blvd, Suite 100, East Syracuse, NY 13057
Pace Quote Reference:
Pace Project Manager: Rachel Christner
Pace Profile #: **Semi-Annual GWS**

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION
☐ GA ☐ IL ☐ ☐ ☐ ☐
☐ OH ☐ C ☐ NJ ☐ OTHER___

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes
MATRIX / CODE
DRINKING WATER / DW
WATER / WT
WASTE WATER / WW
PRODUCT / P
SOIL/SOLID / SL
OIL / OL
WIPE / WP
AIR / AR
TISSUE / TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis: BTEX (8260C)	SVOCs (PAHs) (8270D)	Cyanide, Total (9012B)	Pace Project Number / Lab I.D.
1	MW-1-0423	WT	G	4/1/13	1315		6	2			3	1				3	2	1	
2	MW-2-0423	WT	G		1220		6	2			3	1				3	2	1	
3	MW-3-0423	WT	G		1130		6	2			3	1				3	2	1	
4	MW-4-0423	WT	G		1040		6	2			3	1				3	2	1	
5	MW-5-0423	WT	G		0945		6	2			3	1				3	2	1	
6	MW-6-0423	WT	G		1415		6	2			3	1				3	2	1	
7	MW-7-0423	WT	G		1115		6	2			3	1				3	2	1	
8	MW-ES-8-0423	WT	G		0855		6	2			3	1				3	2	1	
9	MW-9-0423	WT	G		1020		6	2			3	1				3	2	1	
10	MW-9-MS-0423	WT	G		1020		6	2			3	1				3	2	1	
11	MW-9-MSD-0423	WT	G		1020		6	2			3	1				3	2	1	
12	MW-ES-10S-0423	WT	G		1250		6	2			3	1				3	2	1	
13	MW-11-0423	WT	G		0855		6	2			3	1				3	2	1	
14	MW-12-0423	WT	G		0935		6	2			3	1				3	2	1	
15	MW-103-0423	WT	G		1155		6	2			3	1				3	2	1	
16	FD-0423	WT	G		1200		6	2			3	1				3	2	1	
17	Trip Blanks	WT	G				2				3					3			

Additional Comments:

SAMPLES WILL ARRIVE IN [#] COOLERS.

Please send reports to: dshay@gesonline.com, tbeaumont@gesonline.com
NERegion@gesonline.com, ges@equisonline.com

SPECIFIC EDD NAME:

NGOneida-labnumber.28351.EQEDD.zip

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	4/1/13	1515		4-2	15:15

SAMPLE CONDITIONS

	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

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"	7.19	—	19.70	
MW-2	Yes	2"	6.78	—	17.66	Field Duplicate
MW-3	Yes	2"	4.58	—	14.13	
MW-4	Yes	2"	5.47	—	13.34	
MW-5	Yes	2"	6.14	—	16.10	
MW-6	Yes	2"	5.34	—	14.25	
MW-7	Yes	4"	25.54	—	37.20	
MW-ES-8	Yes	2"	7.01	—	14.10	
MW-9	Yes	4"	25.12	—	40.50	MS/MSD
MW-ES-10S	Yes	2"	7.30	—	14.50	
MW-11	Yes	2"	8.05	—	18.50	
MW-12	Yes	2"	3.59	—	14.30	
MW-103	Yes	2"	26.90	—	40.00	
RW-1	No	6"	—	—	28.52	Abandoned

DTW *-depth to water*

DTP *-depth to product*

DTB *-depth to bottom*

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AS
Date: 10/12/23
Job Number: 0603400-132410-221
Weather:
Well Id. **MW-1**
Time In: 1250 Time Out:

Well Information

		TOC	Other
Depth to Water:	(feet)	7.19	
Depth to Bottom:	(feet)	19.70	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	12.51	
Volume of Water in Well:	(gal)	8.00	
Three Well Volumes:	(gal)	24.01	

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)
1255	7.35	18.70	6.85	-101	2.20	46.7	0.56	1.40
1300	7.57	18.33	7.03	-138	2.27	109	0.67	1.45
1305	7.72	17.89	6.82	-151	2.31	116	0.41	1.48
1310	7.83	17.91	6.77	-153	2.34	118	0.36	1.49
1315	7.95	18.02	6.76	-153	2.34	119	0.35	1.50
1320	8.05	18.07	6.75	-151	2.34	118	0.34	1.50
1325	8.10	18.10	6.74	-149	2.33	116	0.34	1.49

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-1-1023** Duplicate? Yes [ ] No [X]
Sample Time: 1330 MS/MSD? Yes [ ] No [X]
Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

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

Date: 10/12/23
Weather: 55°F cloudy
Time In: 1135 Time Out: 1220

Well Information

		TOC	Other
Depth to Water:	(feet)	6.78	
Depth to Bottom:	(feet)	17.66	
Depth to Product:	(feet)	–	
Length of Water Column:	(feet)	4.88	
Volume of Water in Well:	(gal)	0.78	
Three Well Volumes:	(gal)	2.3	

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: 3 (gal)

Did well go dry? Yes [ ] No [ ]

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)
1140	6.80	16.91	7.47	106	0.593	0.0	2.79	0.380
1145	6.86	17.01	7.51	96	0.597	1000	2.67	0.384
1150	6.86	17.88	7.75	47	0.622	326	2.44	0.389
1155	6.87	18.13	7.70	40	0.623	288	2.06	0.399
1200	6.87	18.18	7.56	27	0.685	2106	1.68	0.440
1205	6.88	18.13	7.52	11	0.708	214	1.40	0.453
1210	6.88	17.49	7.61	2	0.860	123	1.17	0.556

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

4 - 100 ml ambers Yes [X] No [ ]
6 - 40 ml vials Yes [X] No [ ]
2 - 250 ml plastic Yes [X] No [ ]

FD-1023

Sample ID: **MW-2-1023** Duplicate? Yes [X] No [ ]
Sample Time: 1215 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

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

Date: 10/12/23
Weather: 56°F, mostly cloudy
Time In: 1045 Time Out: 1138

Well Information

		TOC	Other
Depth to Water:	(feet)	4.98	
Depth to Bottom:	(feet)	14.13	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	9.15	
Volume of Water in Well:	(gal)	1.46	
Three Well Volumes:	(gal)	4.39	

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)
1045	5.16	19.02	7.17	89	0.553	453	3.30	0.380
1055	5.26	19.22	7.09	93	0.590	190	3.45	0.372
1100	5.30	19.51	7.06	97	0.560	38.0	3.77	0.359
1105	5.35	19.64	7.06	100	0.554	31.8	3.81	0.355
1110	5.35	19.75	7.06	98	0.554	23.6	3.56	0.360
1115	5.40	19.81	7.05	92	0.570	14.7	3.32	0.365
1120	5.42	19.85	7.05	86	0.573	11.2	3.15	0.367

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-3-1023** Duplicate? Yes [ ] No [X]
Sample Time: 1125 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AB
Date: 10/12/23
Job Number: 0603400-132410-221
Weather:
Well Id. **MW-4**
Time In: 1040 Time Out: 1125

Well Information

		TOC	Other
Depth to Water:	(feet)	5.47	
Depth to Bottom:	(feet)	13.34	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	7.78	
Volume of Water in Well:	(gal)	1.26	
Three Well Volumes:	(gal)	3.78	

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: ~4 (gal)
Did well go dry? Yes [ ] No [ ]
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)
1045	5.64	17.85	7.22	-94	0.685	10.3	1.34	0.437
1050	5.87	18.04	7.29	-96	0.669	11.4	1.02	0.425
1055	6.02	18.22	7.49	-101	0.637	10.9	0.75	0.408
1100	5.84	18.21	7.62	-111	0.641	4.9	0.65	0.411
1105	5.84	18.29	7.70	-122	0.643	5.3	0.63	0.412
1110	5.82	18.30	7.85	-136	0.655	3.6	0.61	0.420
1115	5.83	18.23	7.90	-140	0.656	3.3	0.59	0.422

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-4-1023** Duplicate? Yes [ ] No [X]
Sample Time: 1120 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AB
Date: 10/12/23
Job Number: 0603400-132410-221
Weather: 52°F cloudy
Well Id. **MW-5**
Time In: 0945 Time Out: 1030

Well Information

		TOC	Other
Depth to Water:	(feet)	6.14	
Depth to Bottom:	(feet)	16.10	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	9.96	
Volume of Water in Well:	(gal)	1.59	
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:	(gal)				

Did well go dry? Yes [ ] No [ ]

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	6.36	17.01	5.95	18	0.800	13.9	1.83	0.512
0955	6.42	17.58	6.01	25	0.797	9.2	1.52	0.510
1000	6.46	18.39	6.72	3	0.791	1.9	0.95	0.506
1005	6.50	18.60	6.82	4	0.784	1.5	0.90	0.502
1010	6.52	18.77	6.84	6	0.780	1.3	0.90	0.499
1015	6.52	18.96	6.88	4	0.779	1.0	0.83	0.499
1020	6.52	19.00	6.80	5	0.780	0.9	0.76	0.499

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-5-1023** Duplicate? Yes [ ] No [X]
Sample Time: 1025 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AB
Date: 10/12/23
Job Number: 0603400-132410-221
Weather: 55°F - Cloudy
Well Id. **MW-6**
Time In: 1250 Time Out: 1335

Well Information

		TOC	Other
Depth to Water:	(feet)	5.34	
Depth to Bottom:	(feet)	14.25	
Depth to Product:	(feet)	~~8.94~~ NP	
Length of Water Column:	(feet)	~~1.43~~ 8.91	
Volume of Water in Well:	(gal)	~~4~~ 1.43	
Three Well Volumes:	(gal)	4.28	

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: (gal)
Did well go dry? Yes [ ] No [ ]
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)
1255	5.34	18.89	5.78	-20	0.632	161	2.63	0.408
1300	6.11	18.21	5.66	-51	0.665	55	1.10	0.427
1305	6.38	18.40	5.64	-52	0.678	57	0.81	0.434
1310	6.58	18.41	5.68	-67	0.683	30.5	0.70	0.437
1315	6.72	18.45	5.75	-84	0.683	21.4	0.63	0.437
1320	6.84	18.44	5.80	-98	0.679	13.5	0.63	0.435
1325	6.86	18.46	5.84	-110	0.676	8.8	0.60	0.433

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-6-1023** Duplicate? Yes [ ] No [X]
Sample Time: 1330 MS/MSD? Yes [ ] No [X]
Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

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

Date: 10/12/23
Weather: 60° cloudy
Time In: 1320 Time Out: 1400

Well Information

		TOC	Other
Depth to Water:	(feet)	25.54	
Depth to Bottom:	(feet)	37.20	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	11.66	
Volume of Water in Well:	(gal)	1.69	
Three Well Volumes:	(gal)	23.08	

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)	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)
1325	25.63	13.40	7.09	-142	1.57	3.7	0.11	0.995
1330	25.61	13.31	7.05	-140	1.55	3.6	0.00	0.989
1335	25.61	13.33	7.02	-132	1.54	3.3	0.00	0.983
1340	25.62	13.32	6.98	-128	1.52	2.9	0.00	0.963
1345	25.61	13.29	6.94	-110	1.48	2.0	0.00	0.955
1350	25.61	13.31	6.92	-106	1.48	1.9	0.00	0.952
1355	25.61	13.32	6.91	-104	1.49	2.1	0.00	0.951

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes ☒	No ☐

Sample ID: **MW-7-1023** Duplicate? Yes ☐ No ☒
Sample Time: 1355 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AJ
Date: 10/12/23
Job Number: 0603400-132410-221
Weather: 54°F, partly sunny
Well Id. **MW-ES-8**
Time In: 0950 Time Out: 1035

Well Information

		TOC	Other
Depth to Water:	(feet)	7.01	
Depth to Bottom:	(feet)	14.10	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	7.09	
Volume of Water in Well:	(gal)	1.13	
Three Well Volumes:	(gal)	3.40	

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)
0955	8.01	16.48	7.08	123	1.17	71000	18.63	0.749
1000	8.28	16.98	6.93	108	1.17	71000	8.72	0.749
1005	8.45	17.50	6.71	71	1.19	71000	1.84	0.762
1010	8.50	17.47	6.64	55	1.28	878	0.84	0818
1015	8.52	17.39	6.64	45	1.40	561	0.67	0.895
1020	8.53	17.36	6.64	36	1.53	282	0.41	0.974
1025	8.53	17.42	6.63	28	1.56	157	0.64	0.999

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-ES-8-1023** Duplicate? Yes [ ] No [X]
Sample Time: 1030 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Date: 10/12/23
Job Number: 0603400-132410-221
Weather: 60°
Well Id. **MW-9**
Time In: 1225 Time Out: 1305

Well Information

		TOC	Other
Depth to Water:	(feet)	25.12	
Depth to Bottom:	(feet)	40.50	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	15.38	
Volume of Water in Well:	(gal)	22.6	
Three Well Volumes:	(gal)	67.82	

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)
1230	25.34	17.25	7.37	-126	0.952	57.8	0.90	~~0.59~~ 0.591
1235	25.39	15.70	7.18	-139	0.808	30.5	0.09	0.576
1240	25.39	15.51	7.15	-140	0.801	32.3	0.00	0.573
1245	25.37	15.43	7.13	-143	0.833	32.4	0.00	0.535
1250	25.37	15.34	7.11	-151	0.899	29.5	0.00	0.576
1255	25.37	15.26	7.10	-153	0.929	27.2	0.00	0.595
1300	25.37	15.26	7.08	-154	0.942	22.7	0.00	0.603

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

MW-9-MS-1023 **MW-9-MSD-1023**

Sample ID: **MW-9-1023** Duplicate? Yes ☐ No ☒
Sample Time: 1300 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

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

Date: 10/12/23
Weather: 58°F, mostly cloudy
Time In: 1135 Time Out: 1220

Well Information

		TOC	Other
Depth to Water:	(feet)	7.30	
Depth to Bottom:	(feet)	14.50	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	7.20	
Volume of Water in Well:	(gal)	1.15	
Three Well Volumes:	(gal)	3.45	

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)
1140	7.32	19.84	6.91	27	1.07	62.5	1.72	0.644
1145	7.32	19.61	6.66	-53	2.05	96.0	0.39	1.31
1150	7.32	19.17	6.59	-73	2.09	23.5	0.30	1.34
1155	7.32	18.85	6.58	-77	2.11	6.0	0.31	1.35
1200	7.32	18.76	6.58	-77	2.12	5.5	0.32	1.36
1205	7.32	18.65	6.59	-77	2.13	4.6	0.32	1.36
1210	7.32	18.63	6.59	-78	2.13	4.0	0.32	1.36

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes [X] No [ ]

Sample ID: **MW-ES-10S-1023** Duplicate? Yes [ ] No [X]
Sample Time: 1215 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier Pickup [X]
Drop-off Albany Service Center [ ]

Comments/Notes:

Laboratory: Pace Analytical Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Pete Lyon
Job Number: 0603324-132410-221
Well Id. **MW-11**

Date: 10/12/23
Weather: Cloudy 55°
Time In: ~~955~~ 1000 Time Out: 1040

Well Information

		TOC	Other
Depth to Water:	(feet)	8.05	
Depth to Bottom:	(feet)	18.50	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	10.45	
Volume of Water in Well:	(gal)	1.67	
Three Well Volumes:	(gal)	5.01	

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)
1005	8.29	16.93	7.51	-181	0.558	82.0	1.01	0.357
1010	8.32	17.05	7.41	-180	0.564	72.5	0.40	0.361
1015	8.32	17.08	7.40	-183	0.570	51.2	0.26	0.365
1020	8.32	17.11	7.39	-185	0.578	32.0	0.18	0.378
1025	8.33	17.21	7.39	-188	0.583	25.3	0.12	0.373
1030	8.33	17.27	7.40	-191	0.591	16.4	0.09	0.378
1035	8.33	17.28	7.41	-194	0.601	13.2	0.06	0.385

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes ☒	No ☐

Sample ID: **MW-11-1023** Duplicate? Yes ☐ No ☒
Sample Time: 1035 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: Peter Lyon
Date: 10/12/23
Job Number: 0603400-132410-221
Weather: 60° Cloudy
Well Id. **MW-12**
Time In: 1110 Time Out: 1150

Well Information

		TOC	Other
Depth to Water:	(feet)	3.59	
Depth to Bottom:	(feet)	14.30	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	10.71	
Volume of Water in Well:	(gal)	1.71	
Three Well Volumes:	(gal)	5.14	

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)
1115	3.75	12.94	2.41	-119	4.72	34.8	0.33	3.03
1120	3.77	12.69	2.32	-128	4.84	33.2	0.13	3.10
1125	3.79	12.74	2.28	-131	4.87	32.6	0.06	3.11
1130	3.79	12.80	2.25	-133	4.85	30.4	0.03	3.10
1135	3.81	12.69	2.23	-133	4.78	28.3	0.00	3.06
1140	3.82	12.73	2.20	-133	4.65	26.6	0.00	2.98
1145	3.82	12.73	2.18	-133	4.60	26.1	0.00	2.95

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes ☒ No ☐

Sample ID: **MW-12-1023** Duplicate? Yes ☐ No ☒
Sample Time: 1145 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

National Grid
Sconondoa Street, Oneida New York

Sampling Personnel: AB/AJ
Date: 10/12/23
Job Number: 0603400-132410-221
Weather: 55F, cloudy
Well Id. **MW-103**
Time In: 1350 Time Out:

Well Information

		TOC	Other
Depth to Water:	(feet)	26.5	
Depth to Bottom:	(feet)	40.00	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	13.5	
Volume of Water in Well:	(gal)	2.16	
Three Well Volumes:	(gal)	6.49	

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:	200 (ml/min)				
Duration of Pumping:	30 (min)				
Total Volume Removed:	6.5 (gal)				

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)
1355	27.62	14.04	7.03	-60	1.20	184	0.87	0.766
1400	27.67	14.59	6.71	-64	1.20	27.8	0.58	0.767
1405	26.60	14.53	6.68	-68	1.20	17.8	0.51	0.764
1410	26.61	14.38	6.69	-71	1.19	12.2	0.45	0.762
1415	26.61	14.39	6.71	-74	1.18	8.3	0.42	0.756
1420	26.61	14.36	6.72	-76	1.18	6.6	0.40	0.753
1425	26.61	14.29	6.73	-78	1.18	6.2	0.42	0.755

Sampling Information:

EPA SW-846 Method 8270	SVOC PAH's	2 - 100 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 - 250 ml plastic	Yes ☒ No ☐

Sample ID: **MW-103-1023** Duplicate? Yes ☐ No ☒
Sample Time: 1430 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical Greensburg, PA

Pace Analytical™
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A — Required Client Information:

Company: GES - Syracuse	
Address: 6780 Northern Blvd, Suite 100	
East Syracuse, New York 13057	
Email To: dshay@gesonline.com	
Phone: 800.220.3069 x4051	Fax: None
Requested Due Date/TAT: Standard	

Section B — Required Project Information:

Report To: Devin Shay (GES) dshay@gesonline.com	
Report To: Tim Beaumont (GES) tbeaumont@gesonline.com	
Purchase Order No.:	
Project Name: National Grid - Oneida Sconondoa St, Oneida NY	
Project Number: 0603400-132410-221-1106	

Section C — Invoice Information:

Attention: Accounts Payable via email at ges-invoices@gesonline.com	
Company Name: Groundwater & Environmental Services, Inc.	
Address: 6780 Northern Blvd, Suite 100, East Syracuse, NY 13057	
Pace Quote Reference: CAT-B Deliverable	
Pace Project Manager: Justin Horn	
Pace Profile #: Semi-Annual GWS	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION ☐ NY ☐ NJ ☐ ☐ ☐ ☐ ☐ PA ☐ MA ☐ VT ☐ OTHER_____

Section D — Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB, C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED GRAB DATE	COLLECTED GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis: BTEX (8260C)	SVOCs (PAHs) (8270C)	Cyanide, Total (9012B)	Pace Project Number / Lab I.D.
1	MW-1-1023	WT	G			10/12/23	1330		6	2			3	1				3	2	1	
2	MW-2-1023	WT	G				1215		6	2			3	1				3	2	1	
3	MW-3-1023	WT	G				1125		6	2			3	1				3	2	1	
4	MW-4-1023	WT	G				1120		6	2			3	1				3	2	1	
5	MW-5-1023	WT	G				1025		6	2			3	1				3	2	1	
6	MW-6-1023	WT	G				1330		6	2			3	1				3	2	1	
7	MW-7-1023	WT	G				1355		6	2			3	1				3	2	1	
8	MW-ES-8-1023	WT	G				1030		6	2			3	1				3	2	1	
9	MW-9-1023	WT	G				1300		6	2			3	1				3	2	1	
10	MW-9-MS-1023	WT	G				1300		6	2			3	1				3	2	1	
11	MW-9-MSD-1023	WT	G				1300		6	2			3	1				3	2	1	
12	MW-ES-10S-1023	WT	G				1215		6	2			3	1				3	2	1	
13	MW-11-1023	WT	G				1035		6	2			3	1				3	2	1	
14	MW-12-1023	WT	G				1145		6	2			3	1				3	2	1	
15	MW-103-1023	WT	G				1430		6	2			3	1				3	2	1	
16	FD-1023	WT	G				1200		6	2			3	1				3	2	1	
17	Trip Blanks	WT	G						2				3					3			

Additional Comments:

SAMPLES WILL ARRIVE IN [#] COOLERS.

Please send reports to: dshay@gesonline.com, tbeaumont@gesonline.com
NERegion@gesonline.com, ges@equisonline.com

SPECIFIC EDD NAME:

NGOneida-labnumber.28351.EQEDD.zip

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Alexandria Berry (GES)	10/12/23				

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Alexandria Berry

SIGNATURE of SAMPLER: Alexandria Berry (GES) DATE Signed (MM / DD / YY): 10/12/23

July 5, 2023 – Site Conditions

January 11, 2024– 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

December 7, 2023

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
Pace Analytical Job Nos. 30416862,

Groundwater & Environmental Services, Inc. (GES) reviewed a data package (Laboratory Project Numbers 30416862) from Pace Analytical Services, Inc., for the analysis of groundwater samples collected on April 12, 2023 from monitoring wells located at the National Grid Oneida, NY Site. Thirteen 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 8260B, 8270C 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
- Instrument MDLs
- 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.

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

Table 1 – Data Qualifications

Sample ID	Qualifier	Analyte	Reason for qualification
MW-2 MW-3 MW-ES-8 FD-0423	UJ-	VOCs	Residual chlorine
MW-1 MW-6	J	Benzo(b)fluoranthene Benzo(k)fluoranthene	Insufficient resolution
All Samples	UJ- (non-detects) J- (detects)	Acenaphthene Naphthalene	Low LCS recovery
All Samples	UJ-	Benzo(g,h,i)perylene	Low CCV

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

Residual chlorine was detected in MW-2, MW-3, MW-ES-8 and the field duplicate FD-0423. VOCs in these samples may be biased low.

Benzo(b)fluoranthene and benzo(k)fluoranthene were not sufficiently resolved in some sample chromatograms. For those samples that reported positive detections, the concentrations are qualified as estimated due to the resolution issue. No qualification was required for samples that did not report positive concentrations of the analytes.

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.

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

Surrogate and 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.

An MS/MSD pair that was analyzed was unassociated with the site, and was not used to determine site specific accuracy and precision.

MW-2 was the blind field duplicate location for both sampling events. Benzene was the only analyte detected in the pair, both of which reported 1 µg/L. The precision was within acceptable limits.

PAHs by EPA8270D/NYSDEC ASP

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

Blanks show no contamination. Calibration standards, both initial and continuing, show acceptable responses within analytical method protocols and validation guidelines with the exception of a low recovery in the following continuing calibration verification standards:

- Benzo(g,h,i)perylene

Data for this analyte is qualified as estimated non-detect with a possible low bias.

Surrogate and internal standard recoveries are within required limits.

The laboratory control spike recoveries and precision indicate the method is within laboratory control with the exception of low recoveries of acenaphthene and naphthalene. These analytes are qualified as low biased in all site samples.

Surrogate and internal standard recoveries are within required limits.

An MS/MSD was analyzed using MW-9- as the matrix. Matrix spike and matrix spike recoveries were within laboratory specified criteria with the following exceptions:

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

Cyanide by EPA 9012B /NYSDEC ASP

Holding times were met.

Blanks show no contamination.

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 sample reported cyanide recoveries (77%, 86%) below laboratory criteria (90% - 100%), the recoveries were above the EPA recommended 75% minimum, and met project DQO. No qualifications were required.

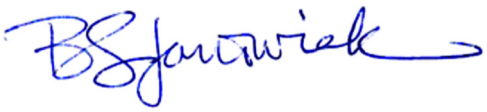
The blind field duplicate correlations of MW-2 were not were not calculated, as cyanide reported non-detect in both samples.

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 Chemist

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE SUMMARY

Project: National Grid - Oneida, NY
Pace Project No.: 30578680

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30578680001	**MW-1-0423**	Water	04/12/23 13:15	04/13/23 17:00
30578680002	**MW-2-0423**	Water	04/12/23 12:20	04/13/23 17:00
30578680003	**MW-3-0423**	Water	04/12/23 11:30	04/13/23 17:00
30578680004	**MW-4-0423**	Water	04/12/23 10:40	04/13/23 17:00
30578680005	**MW-5-0423**	Water	04/12/23 09:45	04/13/23 17:00
30578680006	**MW-6-0423**	Water	04/12/23 14:15	04/13/23 17:00
30578680007	**MW-7-0423**	Water	04/12/23 11:15	04/13/23 17:00
30578680008	**MW-ES-8-0423**	Water	04/12/23 08:55	04/13/23 17:00
30578680009	**MW-9-0423**	Water	04/12/23 10:20	04/13/23 17:00
30578680010	**MW-9-MS-0423**	Water	04/12/23 10:20	04/13/23 17:00
30578680011	**MW-9-MSD-0423**	Water	04/12/23 10:20	04/13/23 17:00
30578680012	**MW-ES-10S-0423**	Water	04/12/23 12:50	04/13/23 17:00
30578680013	**MW-11-0423**	Water	04/12/23 08:55	04/13/23 17:00
30578680014	**MW-12-0423**	Water	04/12/23 09:35	04/13/23 17:00
30578680015	**MW-103-0423**	Water	04/12/23 11:55	04/13/23 17:00
30578680016	**FD-0423**	Water	04/12/23 12:00	04/13/23 17:00
30578680017	**Trip Blanks**	Water	04/12/23 00:00	04/13/23 17:00

Pace Analytical Services, LLC
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Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: National Grid - Oneida, NY
Pace Project No.: 30578680

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30578680001	MW-1-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680002	MW-2-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680003	MW-3-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680004	MW-4-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680005	MW-5-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680006	MW-6-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680007	MW-7-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680008	MW-ES-8-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680009	MW-9-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680010	MW-9-MS-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680011	MW-9-MSD-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680012	MW-ES-10S-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680013	MW-11-0423	EPA 8270D by SIM	DSC	19	PASI-PA

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Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: National Grid - Oneida, NY
Pace Project No.: 30578680

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680014	**MW-12-0423**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680015	**MW-103-0423**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680016	**FD-0423**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JDS	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30578680017	**Trip Blanks**	EPA 8260C	JDS	10	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30578680

Date: April 21, 2023

MW-2-0423 (Lab ID: 30578680002)

- Residual Chlorine was present in the VOA vial used for analysis.

MW-3-0423 (Lab ID: 30578680003)

- Residual Chlorine was present in the VOA vial used for analysis.

MW-ES-8-0423 (Lab ID: 30578680008)

- Residual Chlorine was present in the VOA vial used for analysis.

FD-0423 (Lab ID: 30578680016)

- Residual Chlorine was present in the VOA vial used for analysis.

Pace Analytical Services, LLC
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Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30578680

Method: **EPA 8270D by SIM**
Description: 8270D PAH SIM Reduced Volume
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: April 21, 2023

General Information:
16 samples were analyzed for EPA 8270D by SIM by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 581798

CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.

- BLANK (Lab ID: 2825388)
  - Benzo(g,h,i)perylene
- FD-0423 (Lab ID: 30578680016)
  - Benzo(g,h,i)perylene
- LCS (Lab ID: 2825389)
  - Benzo(g,h,i)perylene
- MS (Lab ID: 2825390)
  - Benzo(g,h,i)perylene
- MSD (Lab ID: 2825391)
  - Benzo(g,h,i)perylene
- MW-1-0423 (Lab ID: 30578680001)
  - Benzo(g,h,i)perylene
- MW-103-0423 (Lab ID: 30578680015)
  - Benzo(g,h,i)perylene
- MW-11-0423 (Lab ID: 30578680013)
  - Benzo(g,h,i)perylene
- MW-12-0423 (Lab ID: 30578680014)
  - Benzo(g,h,i)perylene
- MW-2-0423 (Lab ID: 30578680002)
  - Benzo(g,h,i)perylene
- MW-3-0423 (Lab ID: 30578680003)
  - Benzo(g,h,i)perylene
- MW-4-0423 (Lab ID: 30578680004)
  - Benzo(g,h,i)perylene
- MW-5-0423 (Lab ID: 30578680005)
  - Benzo(g,h,i)perylene

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30578680

Method: **EPA 8270D by SIM**
Description: 8270D PAH SIM Reduced Volume
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: April 21, 2023

QC Batch: 581798

CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.

- MW-6-0423 (Lab ID: 30578680006)
  - Benzo(g,h,i)perylene
- MW-7-0423 (Lab ID: 30578680007)
  - Benzo(g,h,i)perylene
- MW-9-0423 (Lab ID: 30578680009)
  - Benzo(g,h,i)perylene
- MW-9-MS-0423 (Lab ID: 30578680010)
  - Benzo(g,h,i)perylene
- MW-9-MSD-0423 (Lab ID: 30578680011)
  - Benzo(g,h,i)perylene
- MW-ES-10S-0423 (Lab ID: 30578680012)
  - Benzo(g,h,i)perylene
- MW-ES-8-0423 (Lab ID: 30578680008)
  - Benzo(g,h,i)perylene

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 581798

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

- LCS (Lab ID: 2825389)
  - Acenaphthene
  - Naphthalene

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
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(724)850-5600

PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30578680

Method: **EPA 8260C**
Description: 8260C MSV
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: April 21, 2023

General Information:
17 samples were analyzed for EPA 8260C by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 581740

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30578834004

MH: Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.

- MSD (Lab ID: 2825537)
  - o-Xylene

R1: RPD value was outside control limits.

- MSD (Lab ID: 2825537)
  - Benzene
  - Ethylbenzene
  - Toluene
  - m&p-Xylene
  - o-Xylene

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(724)850-5600

PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30578680

Method: **EPA 8270D by SIM**
Description: 8270D PAH SIM Reduced Volume
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: April 21, 2023

General Information:
16 samples were analyzed for EPA 8270D by SIM by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 581798

CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.

- BLANK (Lab ID: 2825388)
  - Benzo(g,h,i)perylene
- FD-0423 (Lab ID: 30578680016)
  - Benzo(g,h,i)perylene
- LCS (Lab ID: 2825389)
  - Benzo(g,h,i)perylene
- MS (Lab ID: 2825390)
  - Benzo(g,h,i)perylene
- MSD (Lab ID: 2825391)
  - Benzo(g,h,i)perylene
- MW-1-0423 (Lab ID: 30578680001)
  - Benzo(g,h,i)perylene
- MW-103-0423 (Lab ID: 30578680015)
  - Benzo(g,h,i)perylene
- MW-11-0423 (Lab ID: 30578680013)
  - Benzo(g,h,i)perylene
- MW-12-0423 (Lab ID: 30578680014)
  - Benzo(g,h,i)perylene
- MW-2-0423 (Lab ID: 30578680002)
  - Benzo(g,h,i)perylene
- MW-3-0423 (Lab ID: 30578680003)
  - Benzo(g,h,i)perylene
- MW-4-0423 (Lab ID: 30578680004)
  - Benzo(g,h,i)perylene
- MW-5-0423 (Lab ID: 30578680005)
  - Benzo(g,h,i)perylene

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PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30578680

Method: **EPA 8270D by SIM**
Description: 8270D PAH SIM Reduced Volume
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: April 21, 2023

QC Batch: 581798

CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.

- MW-6-0423 (Lab ID: 30578680006)
  - Benzo(g,h,i)perylene
- MW-7-0423 (Lab ID: 30578680007)
  - Benzo(g,h,i)perylene
- MW-9-0423 (Lab ID: 30578680009)
  - Benzo(g,h,i)perylene
- MW-9-MS-0423 (Lab ID: 30578680010)
  - Benzo(g,h,i)perylene
- MW-9-MSD-0423 (Lab ID: 30578680011)
  - Benzo(g,h,i)perylene
- MW-ES-10S-0423 (Lab ID: 30578680012)
  - Benzo(g,h,i)perylene
- MW-ES-8-0423 (Lab ID: 30578680008)
  - Benzo(g,h,i)perylene

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 581798

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

- LCS (Lab ID: 2825389)
  - Acenaphthene
  - Naphthalene

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30578680

Method: **EPA 8260C**
Description: 8260C MSV
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: April 21, 2023

General Information:
17 samples were analyzed for EPA 8260C by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 581740

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30578834004

MH: Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.

- MSD (Lab ID: 2825537)
  - o-Xylene

R1: RPD value was outside control limits.

- MSD (Lab ID: 2825537)
  - Benzene
  - Ethylbenzene
  - Toluene
  - m&p-Xylene
  - o-Xylene

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30578680

Method: **EPA 9012B**
Description: 9012B Cyanide, Total
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: April 21, 2023

General Information:
16 samples were analyzed for EPA 9012B by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 9012B with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 582637

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30578680009,30578680016

ML: Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

- MS (Lab ID: 2829774)
  - Cyanide
- MSD (Lab ID: 2829775)
  - Cyanide

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Groundwater & Environmental Services, Inc.

708 North Main Street, Suite 201
Blacksburg, VA 24060

T. 800.662.5067

February 26, 2024

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
Pace Analytical Job Nos. 30630887

Groundwater & Environmental Services, Inc. (GES) reviewed a data package (Laboratory Project Numbers 30630887) from Pace Analytical Services, Inc., for the analysis of groundwater samples collected on October 2023 from monitoring wells located at the National Grid Oneida, NY Site. Thirteen 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
- Instrument MDLs
- 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.

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

Table 1 – Data Qualifications

Sample ID	Qualifier	Analyte	Reason for qualification
MW-1	J- UJ UJ UJ	Ethylbenzene Toluene m&p-Xylene o-Xylene	MS/MSD outside compliance
All Samples	J- UJ	All SVOCs	Failed QC and re-analysis outside holding time

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.

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

Surrogate and 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.

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

An MS/MSD pair was analyzed utilizing samples from the MW-1 location. MS and MSD results were below acceptable criteria and the data may be biased low. RPDs were also above the maximum of 30%. Concentrations are qualified as estimated with a possible low bias.

MW-2 was the blind field duplicate location for both sampling events. The blind field duplicate correlations of MW-2 were not were not calculated, as BTEX reported non-detect in both samples.

PAHs by EPA8270D/NYSDEC ASP

Instrumental tune fragmentations 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 and internal standard recoveries are within required limits.

An MS/MSD was analyzed using MW-9 as the matrix. Matrix spike and matrix spike recoveries were within project and EPA-specified criteria.

MW-2 was the blind field duplicate. The blind field duplicate correlations of MW-2 all fell within criteria.

Initial SVOC analysis occurred within hold time. SVOCs were subsequently re-extracted and analyzed due to LCS failure. The SVOC re-analysis was performed outside of holding time. Data results were confirmed in re-analysis. As the initial analysis had MS/MSD results within criteria, the initial data is considered reliable for reporting, although qualified with an estimated flag due to possible low bias.

Benzo(b)fluoranthene and benzo(k)fluoranthene were not sufficiently resolved in some sample chromatograms. For those samples that reported positive detections, the concentrations are qualified as estimated due to the resolution issue. No qualification was required for samples that did not report positive concentrations of the analytes.

Cyanide by EPA 9012B /NYSDEC ASP

Holding times were met.

Blanks show no contamination.

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. The recoveries were above the EPA recommended 75% minimum, and met project DQO. No qualifications were required.

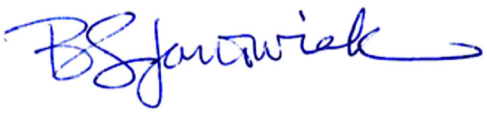
The blind field duplicate correlations of MW-2 were not were not calculated, as cyanide reported non-detect in both samples.

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 Chemist

Pace Analytical Services, LLC
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(724)850-5600

SAMPLE SUMMARY

Project: National Grid - Oneida, NY
Pace Project No.: 30630887

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30630887001	**MW-1-1023**	Water	10/12/23 13:30	10/13/23 09:10
30630887002	**MW-2-1023**	Water	10/12/23 12:15	10/13/23 09:10
30630887003	**MW-3-1023**	Water	10/12/23 11:25	10/13/23 09:10
30630887004	**MW-4-1023**	Water	10/12/23 11:20	10/13/23 09:10
30630887005	**MW-5-1023**	Water	10/12/23 10:25	10/13/23 09:10
30630887006	**MW-6-1023**	Water	10/12/23 13:30	10/13/23 09:10
30630887007	**MW-7-1023**	Water	10/12/23 13:55	10/13/23 09:10
30630887008	**MW-ES-8-1023**	Water	10/12/23 10:30	10/13/23 09:10
30630887009	**MW-9-1023**	Water	10/12/23 13:00	10/13/23 09:10
30630887010	**MW-9-MS-1023**	Water	10/12/23 13:00	10/13/23 09:10
30630887011	**MW-9-MSD-1023**	Water	10/12/23 13:00	10/13/23 09:10
30630887012	**MW-ES-10S-1023**	Water	10/12/23 12:15	10/13/23 09:10
30630887013	**MW-11-1023**	Water	10/12/23 10:35	10/13/23 09:10
30630887014	**MW-12-1023**	Water	10/12/23 11:45	10/13/23 09:10
30630887015	**MW-103-1023**	Water	10/12/23 14:30	10/13/23 09:10
30630887016	**FD-1023**	Water	10/12/23 12:00	10/13/23 09:10
30630887017	**Trip Blanks**	Water	10/12/23 00:00	10/13/23 09:10

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SAMPLE ANALYTE COUNT

Project: National Grid - Oneida, NY
Pace Project No.: 30630887

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30630887001	**MW-1-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887002	**MW-2-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887003	**MW-3-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887004	**MW-4-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887005	**MW-5-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887006	**MW-6-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887007	**MW-7-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887008	**MW-ES-8-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887009	**MW-9-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887010	**MW-9-MS-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887011	**MW-9-MSD-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887012	**MW-ES-10S-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887013	**MW-11-1023**	EPA 8270D by SIM	DSC	19	PASI-PA

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: National Grid - Oneida, NY
Pace Project No.: 30630887

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887014	**MW-12-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887015	**MW-103-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887016	**FD-1023**	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30630887017	**Trip Blanks**	EPA 8260C	JEW	10	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30630887

Method: **EPA 8270D by SIM**
Description: 8270D PAH SIM Reduced Volume
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: October 30, 2023

General Information:
16 samples were analyzed for EPA 8270D by SIM by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

H2: Extraction or preparation conducted outside EPA method holding time.
- FD-1023 (Lab ID: 30630887016)
- MW-1-1023 (Lab ID: 30630887001)
- MW-103-1023 (Lab ID: 30630887015)
- MW-11-1023 (Lab ID: 30630887013)
- MW-12-1023 (Lab ID: 30630887014)
- MW-2-1023 (Lab ID: 30630887002)
- MW-3-1023 (Lab ID: 30630887003)
- MW-4-1023 (Lab ID: 30630887004)
- MW-5-1023 (Lab ID: 30630887005)
- MW-6-1023 (Lab ID: 30630887006)
- MW-7-1023 (Lab ID: 30630887007)
- MW-9-1023 (Lab ID: 30630887009)
- MW-9-MS-1023 (Lab ID: 30630887010)
- MW-9-MSD-1023 (Lab ID: 30630887011)
- MW-ES-10S-1023 (Lab ID: 30630887012)
- MW-ES-8-1023 (Lab ID: 30630887008)

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

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(724)850-5600

PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30630887

Method: **EPA 8270D by SIM**
Description: 8270D PAH SIM Reduced Volume
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: October 30, 2023

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 623524

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

- LCS (Lab ID: 3039508)
  - Acenaphthylene
  - Anthracene
  - Benzo(a)anthracene
  - Benzo(a)pyrene
  - Benzo(b)fluoranthene
  - Benzo(g,h,i)perylene
  - Benzo(k)fluoranthene
  - Chrysene
  - Dibenz(a,h)anthracene
  - Fluoranthene
  - Fluorene
  - Indeno(1,2,3-cd)pyrene
  - Phenanthrene
  - Pyrene

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 624640

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30630887009

R1: RPD value was outside control limits.

- MSD (Lab ID: 3045681)
  - Acenaphthene

Additional Comments:

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30630887

Method: **EPA 8260C**
Description: 8260C MSV
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: October 30, 2023

General Information:
17 samples were analyzed for EPA 8260C by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 624161

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30630887001

ML: Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

- MS (Lab ID: 3042726)
  - Ethylbenzene
  - Toluene
  - m&p-Xylene
  - o-Xylene
- MSD (Lab ID: 3042727)
  - Ethylbenzene
  - Toluene
  - m&p-Xylene
  - o-Xylene

R1: RPD value was outside control limits.

- MSD (Lab ID: 3042727)

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30630887

Method: **EPA 8260C**
Description: 8260C MSV
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: October 30, 2023

QC Batch: 624161

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30630887001

R1: RPD value was outside control limits.

- Benzene
- Ethylbenzene
- Toluene
- m&p-Xylene
- o-Xylene

Additional Comments:

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: National Grid - Oneida, NY
Pace Project No.: 30630887

Method: **EPA 9012B**
Description: 9012B Cyanide, Total
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: October 30, 2023

General Information:
16 samples were analyzed for EPA 9012B by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 9012B with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Appendix C – Quarterly Site Inspections

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

Date: 1/11/2024 Time: 14:31
Technician: Kevin Leo Weather: Cloudy 39

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: 10/12/2023 Time: 14:45

Technician: AJ Weather: Partly Sunny 60

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: abandoned RW-1
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
RW-1	YES	NO

General Comments:

well was destroyed by a town mower 2022

Well was abandoned in place with sand and grout

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

Date: 7/5/2023 Time: 8:15
Technician: GE Weather: Clear 75

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: cleaned up

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
RW-1	YES	NO

General Comments:

well was destroyed by a town mower 2022

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

Date: 4/12/2023 Time: 14:30
Technician: AJ Weather: Sunny 70

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
RW-1	YES	NO

General Comments:

well was destroyed by a town mower 2022