

February 1, 2022

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: 2021 Annual Groundwater Monitoring Report

Oneida (Sconondoa Street) Former MGP Site

Oneida, NY

NYSDEC Site No. 7-27-008

Dear Mr. Squire:

Enclosed is the 2021 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

2021 Groundwater Monitoring Report



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

February 2022

Version 1





2021 Groundwater Monitoring Report

National Grid Oneida Site 215 Sconondoa Street Oneida, NY

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Date: February 1, 2022

Devin T. Shay, PG

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Acronyms & Abbreviations

DUSR	Data Usability Summary Report	MGP	Manufactured Gas Plant
GES	Groundwater & Environmental Services, Inc.	OM&M	Operation, Maintenance, and Monitoring
		Pace	Pace Analytical Laboratories
NAPL	Non-Aqueous Phase Liquid	QA/QC	Quality Assurance/Quality Control
NYSDEC	New York State Department of Environmental Conservation	SMP	Site Management Plan



1 Introduction

1.1 Introduction

Groundwater & Environmental Services, Inc. (GES) has prepared this 2021 Groundwater Monitoring Report on behalf of National Grid. This report compiles the groundwater monitoring activities completed in the Spring of 2021, and Fall of 2021 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 2021:

Semi-Annual groundwater sampling was conducted in April 2021, and October 2021 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.

2 Groundwater Monitoring

2.1 General

The spring 2021 event was conducted on April 21, 2021, and fall 2021 event was conducted on October 14, 2021. 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 2021, and October 2021, NAPL was not detected during 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 21, 2021, and October 14, 2021 (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 2021, monitoring wells MW-3, MW-4, MW-5, MW-ES-8, and MW-12 had no detections of any analyzed compound. Monitoring wells MW-6, and MW-7 had exceedances of one or more compounds during the April 2021 sampling event. In October 2021, MW-1, MW-6, and MW-7 had exceedances of one or more compound. Monitoring well MW-2, MW-3, MW-4, MW-5, MW-ES-8, MW-12, and MW-103 had no detections of any analyzed compound in October 2021.

2.4 Analytical Results Data Validation

The analytical data reports provided by Pace for the April 2021, and October 2021 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 C** for the quarterly inspection sheets.

3.2 Recommendations

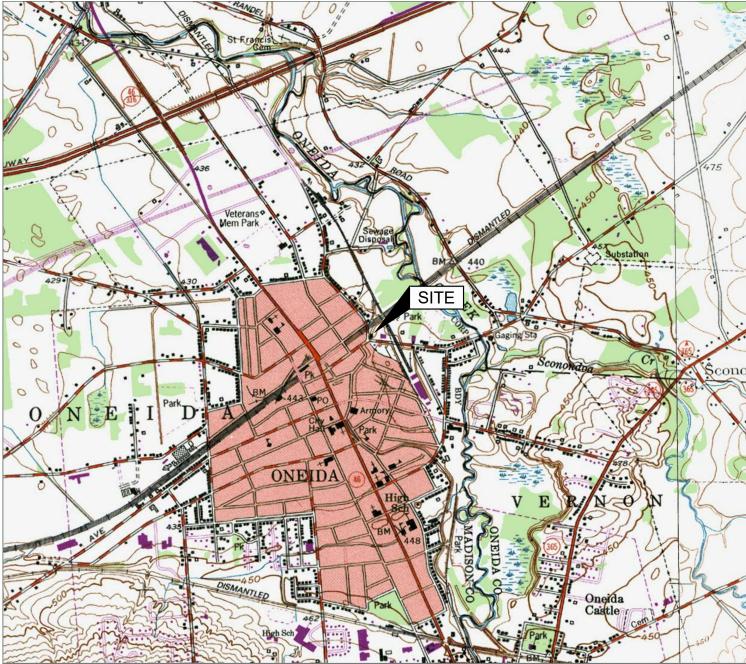
For 2022, GES recommends that the OM&M site program continue with the following elements:



- 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

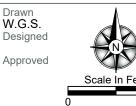


Source: USGS 7.5 Minute Series Topographic Quadrangle, 1993 Oneida, New York Contour Interval = 10'



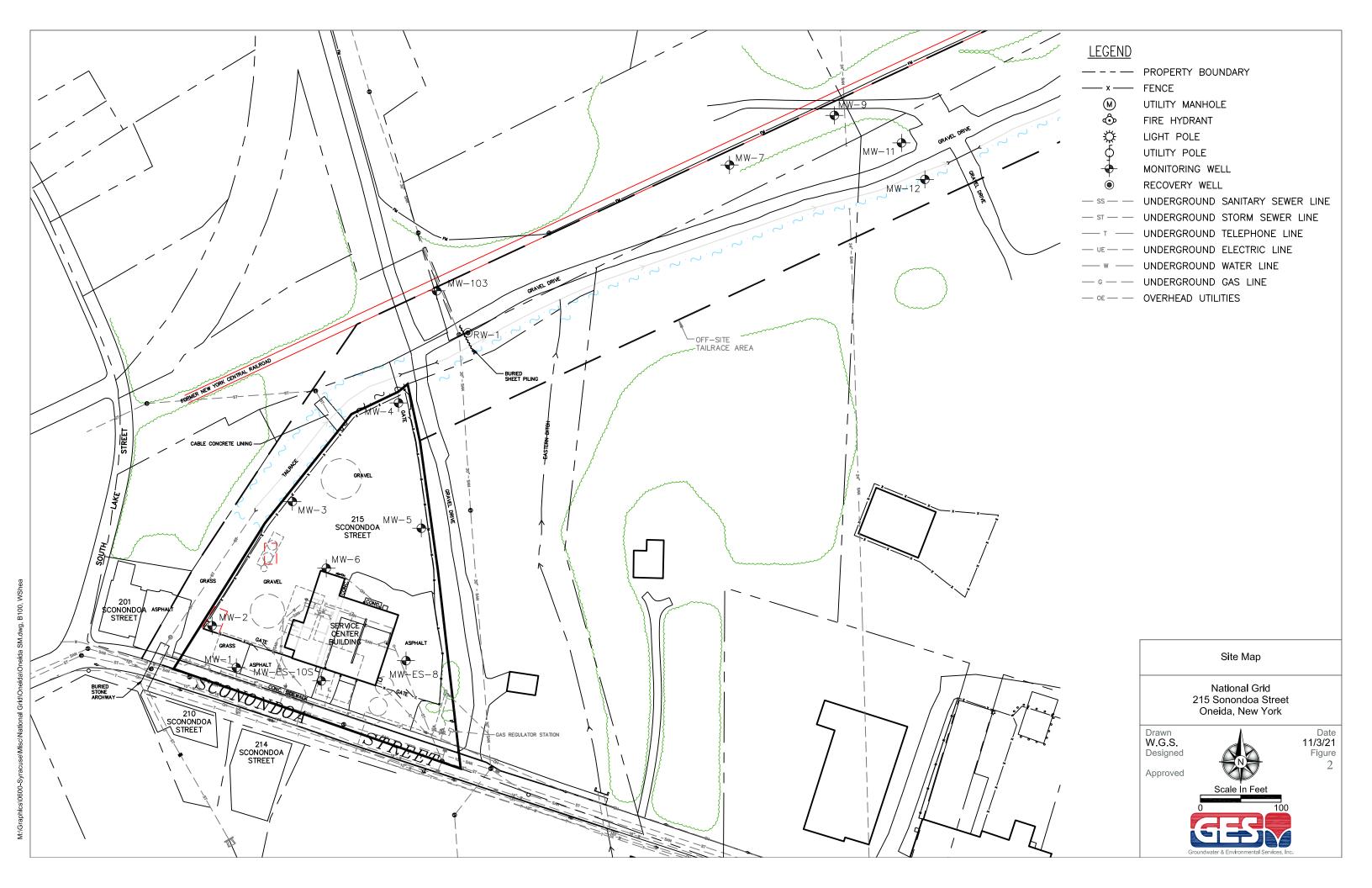
Site Location Map

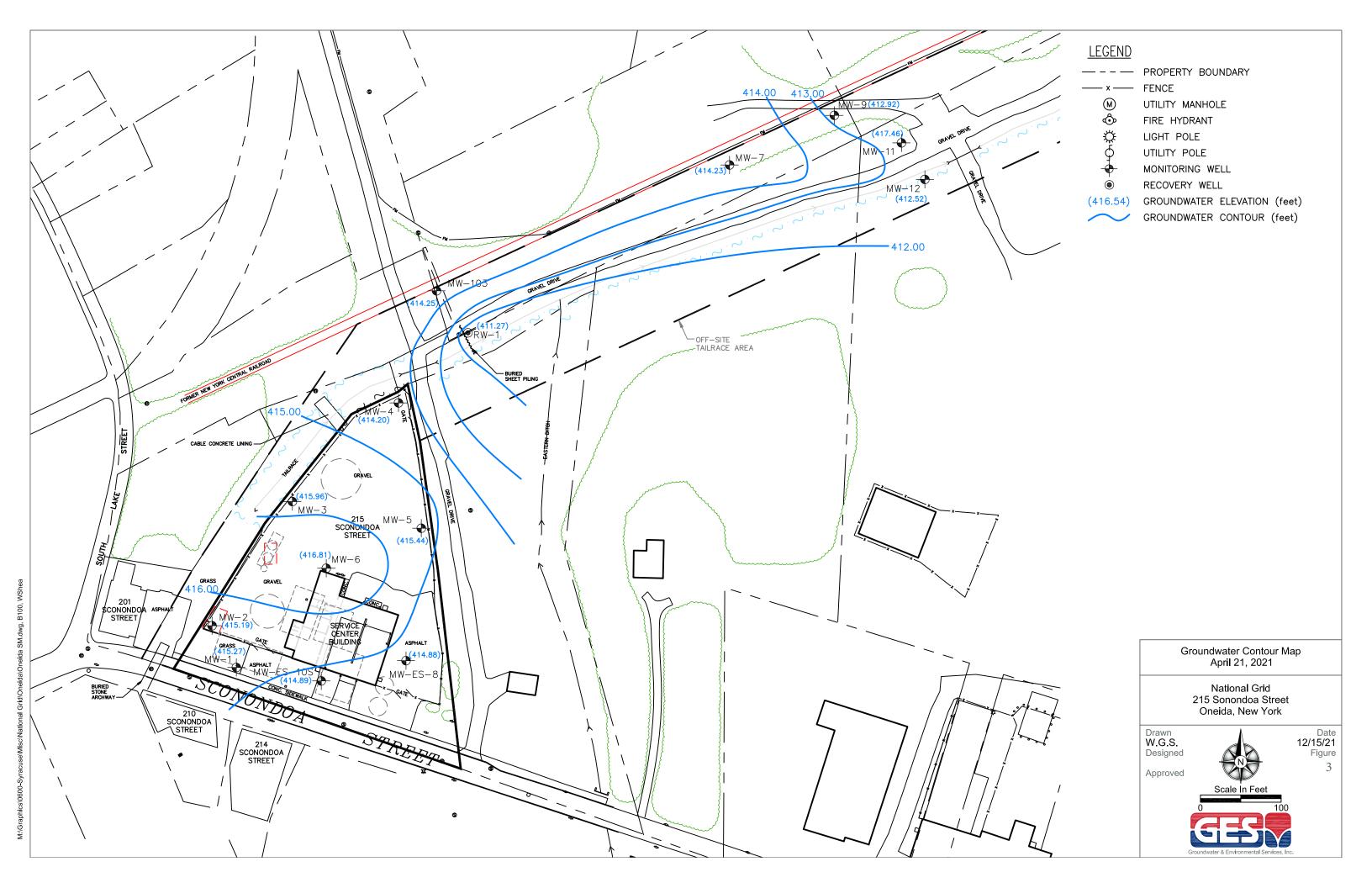
National Grid 215 Sonondoa Street Oneida, New York

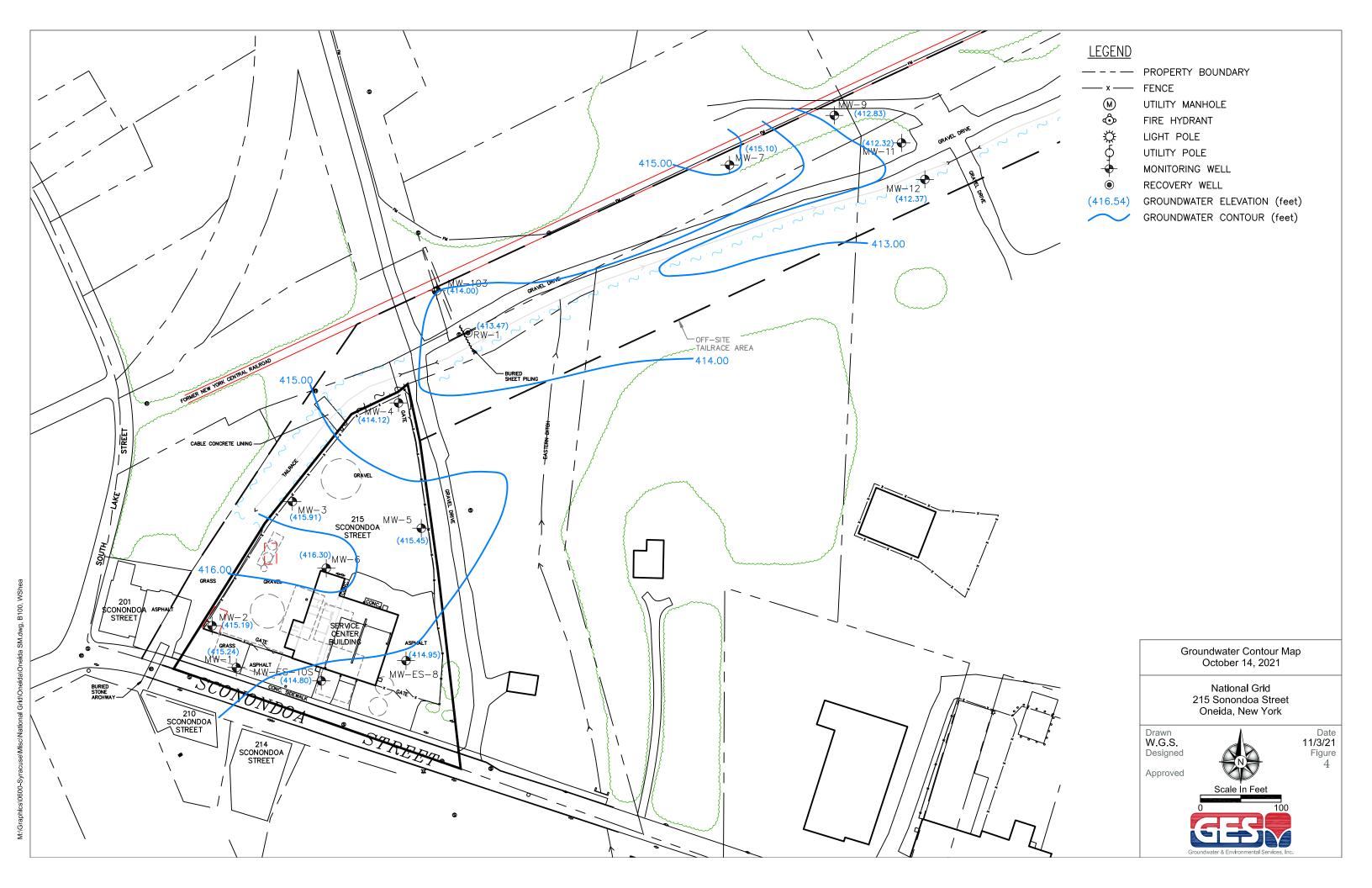


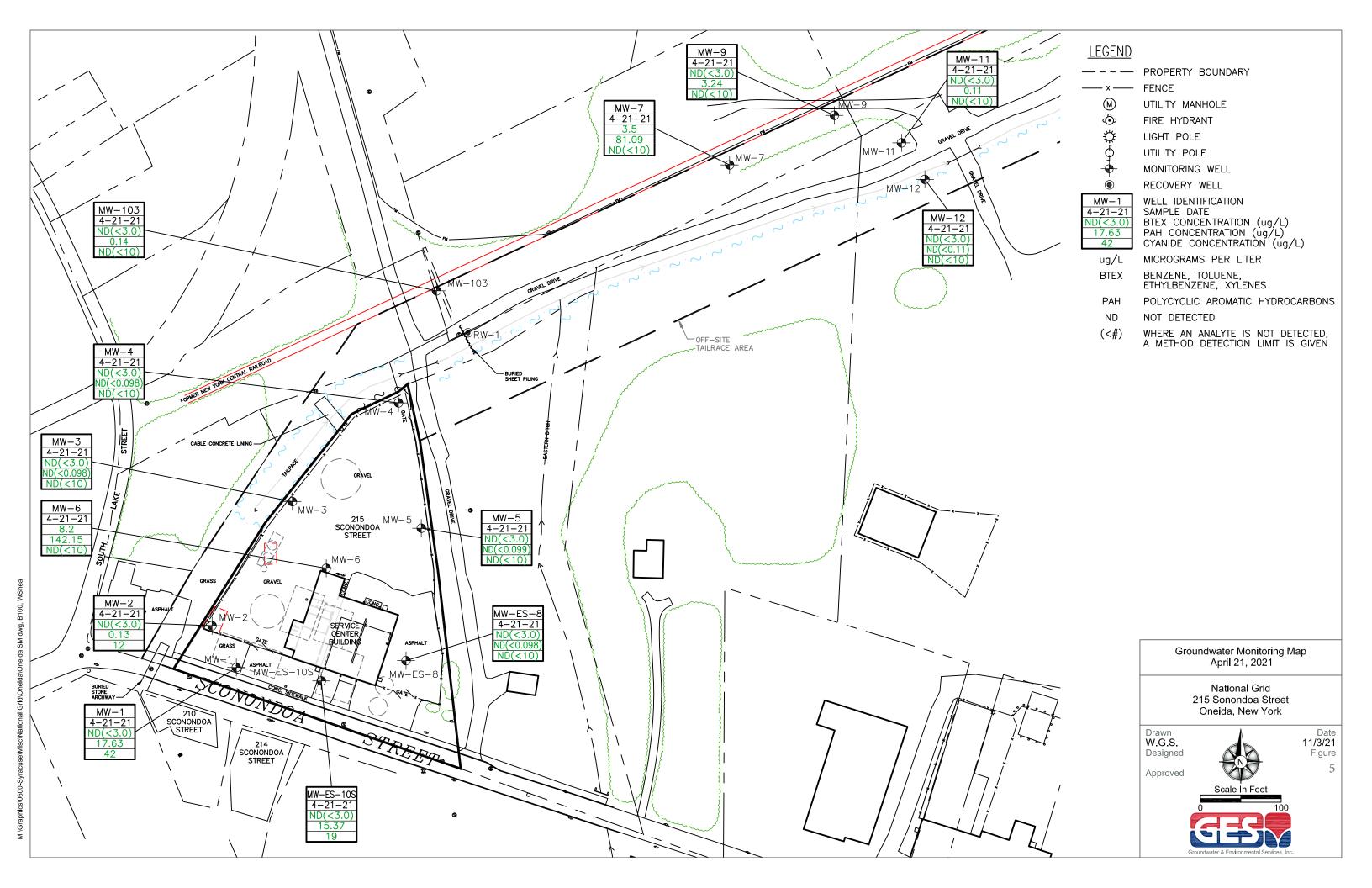
Date 9/24/20 Figure

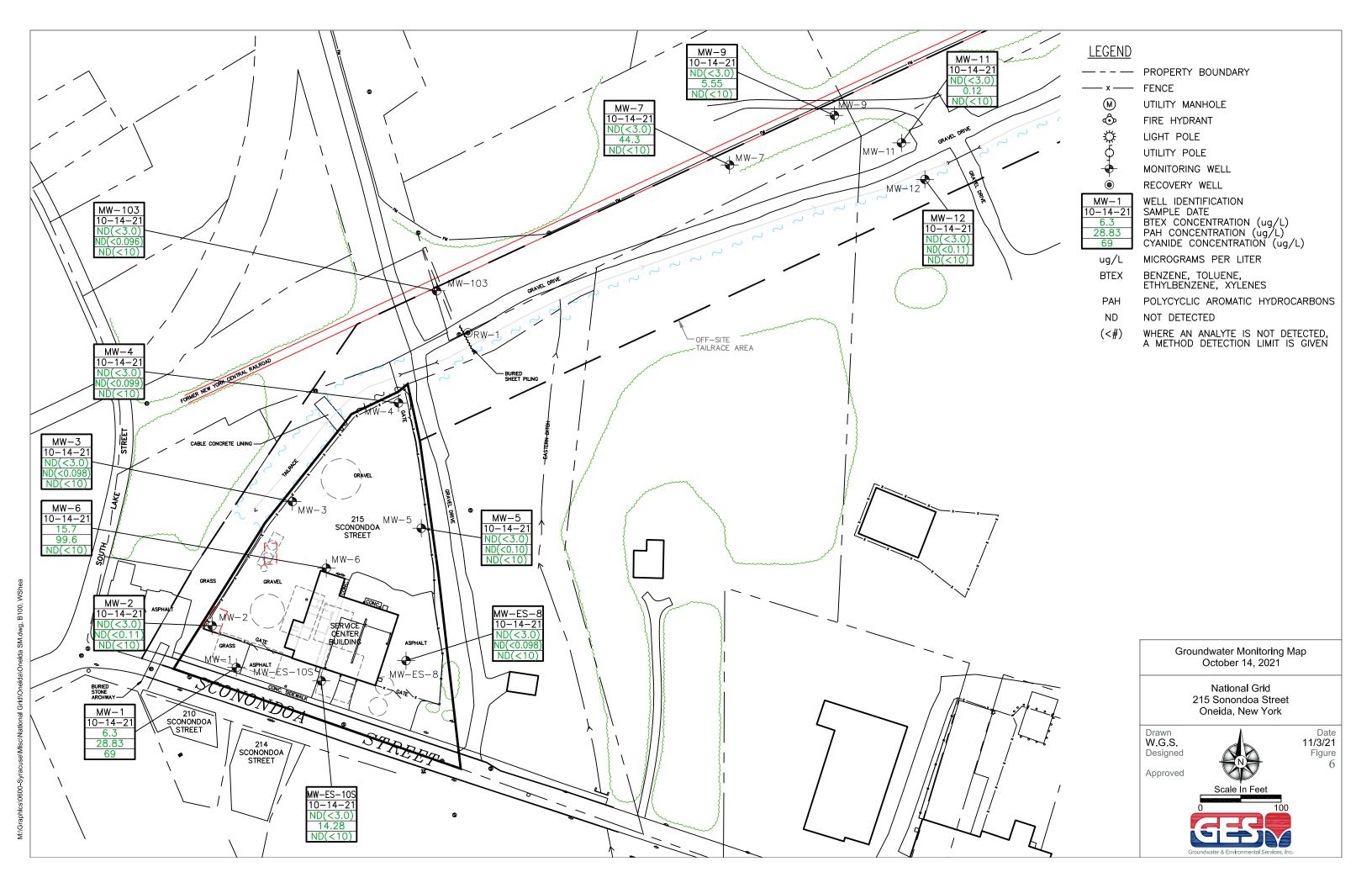














Tables



Table 1 **Groundwater Level Measurements**

		11/2	20/2014	6/23	/2015	10/7	/2015	12/2	8/2015	5/26	/2016	10/1:	3/2016	1/31	/2017
Well ID	ELEVATION REFERENCE POINT	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 AMSL ft TOC GW NM = Feet above mean sea level = Feet from top of inner casing = Groundwater = Not measured



Table 1 **Groundwater Level Measurements**

		4/25	/2017	7/26	/2017	5/29	/2018	5/29	/2019	10/23	3/2019	5/28	/2020	10/15	5/2020	4/21	/2021	10/14	4/2021
Well ID	ELEVATION REFERENCE POINT	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	7.20	415.27	7.23	415.24
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	6.70	415.19	6.70	415.19
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	4.81	415.96	4.86	415.91
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	5.52	414.20	5.60	414.12
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	5.88	415.44	5.87	415.45
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	5.40	416.81	5.91	416.30
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	25.04	414.23	24.17	415.10
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	7.05	414.88	6.98	414.95
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	24.51	412.92	24.60	412.83
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	7.13	414.89	7.22	414.80
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	2.91	417.46	8.05	412.32
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	3.45	412.52	3.60	412.37
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	26.57	414.25	26.82	414.00
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	8.61	411.57	6.71	413.47

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



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
MW-1	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
MW-3	NP	NP	NP	NP	Trace	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
MW-5	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
MW-7	NP	NP	NP	NP	Trace	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
MW-9	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
MW-11	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
MW-103	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

Notes
All measurements are recorded in feet.
NP = No NAPL was detected in the well.

NM = Not measured.

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



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
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
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)
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)
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)
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
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
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
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)
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)
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)
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)
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)
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)
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)
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
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
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)
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)
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
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
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
Cyanide														
Cyanide	μg/L	200	38	31	49	100	20	62	48	ND (<10)	76	99	42	69

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #)

NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



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
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)
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)
Toluene	μg/L	5	ND (<1.0)	ND (<1)	ND (<1)	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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
Cyanid														
Cyanide	μg/L	200	11	ND (<10)	110	ND (<10)	ND (<10)	12	ND (<10)					

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #)

NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



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
BTEX Compounds														
Benzene	μg/L	1	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)				
Ethylbenzene	μg/L	5	ND (<1.0)	ND (<1)	ND (<1)	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)
Xylenes, Total	μg/L	5	ND (<1.0)	ND (<1)	ND (<5)	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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #)

NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



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
BTEX Compounds														
Benzene	μg/L	1	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)				
Ethylbenzene	μg/L	5	ND (<1.0)	ND (<1)	ND (<1)	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)
Xylenes, Total	μg/L	5	ND (<1.0)	ND (<1)	ND (<5)	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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
Cyanide													-	
Cyanide	μg/L	200	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)				

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #)

NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



Table 3 **Groundwater Analytical Data** MW-5

CONSTITUENT	UNITS	NYSDEC AWQS	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
BTEX Compounds		Values												
Benzene	ua/I	1	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)				
Ethylbenzene	μg/L	5	ND (<0.50)	ND (<0.50)	(/	(/	ND (<0.50)	\ /	\ /	ND (<1.0)	ND (<1.0)	\ '-/	ND (<1.0)	\ '-/
	μg/L		\ '-/	\ '-/	ND (<1.0)	ND (<1.0)	\ '-'/	ND (<1)	ND (<1)	\ '-/	\ '-/	ND (<1.0)	\ -/	ND (<1.0)
Toluene	μg/L	5	ND (<1.0)	ND (<1)	ND (<1)	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)	ND (<5)	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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
Cyanide	1 3		\/	(=:=/	\/	(=:=/	(114)	(0.0)	(0.00)	(0.000)		, ,,,,,	(0.000)	, , , , , ,
	ua/l	200	ND (<10)	67 I	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)				
Cyanide	μg/L	200	ND (<10)	6.7 J	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND				

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #) NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



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
BTEX Compounds									
Benzene	μg/L	1	135	28.4	7.9	10.1	82.5	ND (<1.0)	9.1
Ethylbenzene	μg/L	5	175	25.0	4.1	23.1	20.3	3.7	2.9
Toluene	μg/L	5	6.3	1.0	ND (<1.0)	ND (<1.0)	2.2	ND (<1.0)	ND (<1.0)
Xylenes, Total	μg/L	5	217	34.4	6.6	31.3	32.5	4.5	3.7
PAHs									
Acenaphthene	μg/L	20	205	51.3	49.9	78.0	119	23.7	47.6
Acenaphthylene	μg/L	NC	6.2 J	ND (<2.0)	1.7	14.9	11.4	ND (<0.11)	2.6
Anthracene	μg/L	50	9.6 J	1.7 J	9.0	48.0	48.6	3.6	3.1
Benzo(a)anthracene	μg/L	0.002	ND (<20)	ND (<2.0)	3.5	33.7	31.8	2.0	3.1
Benzo(a)pyrene	μg/L	0.002	ND (<20)	ND (<2.0)	2.7	26.0	24.5	1.8	2.4
Benzo(b)fluoranthene	μg/L	0.002	ND (<20)	ND (<2.0)	3.1	21.0	21.4	1.7	2.9
Benzo(g,h,i)perylene	μg/L	NC	ND (<20)	ND (<2.0)	0.87	9.0	8.2	0.85	0.93
Benzo(k)fluoranthene	μg/L	0.002	ND (<20)	ND (<2.0)	2.9	9.4	7.6	0.58	2.5
Chrysene	μg/L	0.002	ND (<20)	0.22 J	2.8	21.5	23.6	1.6	2.0
Dibenzo(a,h)anthracene	μg/L	NC	ND (<20)	ND (<2.0)	0.3	3.0	2.8	0.27	0.29
Fluoranthene	μg/L	50	4.8 J	3.4	11.4	70.6	72	4.2	9.6
Fluorene	μg/L	50	58.3	13.3	16.4	50.8	59.5	11.2	4.0
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-Methylnaphthalene	μg/L	NC	511	56.0	ND (<0.099)	78.2	101	20.4	1.2
Naphthalene	μg/L	10	1,890	118	ND (<0.099)	92.7	186	48.2	4.7
Phenanthrene	μg/L	50	62.6	12.6	40.9	130	179	16.7	2
Pyrene	μg/L	50	4.2 J	2.9	12.1	76.4	75.9	4.6	10.2
Cyanide									
Cyanide	μg/L	200	28	7.4 B	14	ND (<10)	18	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



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
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)
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)
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)
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	2.1	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
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
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
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
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)
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)
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)
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)
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)
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)
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
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
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)
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
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
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
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
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)

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #)

NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



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
BTEX Compounds			,			y.						y.	y.	,
Benzene	μg/L	1	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)				
Ethylbenzene	μg/L	5	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)				
Toluene	μg/L	5	ND (<1.0)	ND (<1)	0.7 J	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)	ND (<5)	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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #)

NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



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
BTEX Compounds														
Benzene	μg/L	1	ND (<0.50)	ND (<1)	ND (<1)	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)
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)
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)
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
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
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)
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)
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)
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)
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)
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)
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)
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)
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
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)
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)
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)
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)
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)
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
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)

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #)

NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



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
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)
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)
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)
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)
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
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
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
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)
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)
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)
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)
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)
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)
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)
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)
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
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)
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)
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)
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)
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)
Cyanide														
Cyanide	μg/L	200	11	ND (<10)	ND (<10)	ND (<10)	13	10	14	ND (<10)	ND (<10)	21	19	ND (<10)

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene AWQS BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #)

NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



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
BTEX Compounds		values												
Benzene	μg/L	1	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)				
Ethylbenzene	μg/L	5	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)				
Toluene	μg/L	5	ND (<1.0)	ND (<1)	ND (<1)	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)	ND (<5)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)				
PAHs	10	1	, ,	,	,	,	,	` '	. ,	, ,	/	, ,	, ,	, ,
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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
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)
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)
Cyanide														
Cyanide	μg/L	200	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)				

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #)

NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



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
BTEX Compounds		T GIGGG												
Benzene	μg/L	1	ND (<0.50)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)				
Ethylbenzene	μg/L	5	ND (<1.0)	ND (<1)	ND (<1)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)				
Toluene	μg/L	5	ND (<1.0)	ND (<1)	ND (<1)	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)	ND (<5)	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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #)

NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



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
BTEX Compounds														
Benzene	μg/L	1	ND (<0.50)	ND (<1)	ND (<1)	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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
Cyanide														
Cyanide	μg/L	200	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)				

= Ambient Water Quality Standards = Benzene, Ethylbenzene, Toluene and Xylene BTEX

= Estimated Concentration Value J

= Milligrams per Liter mg/L

NČ = No Criteria

ND (<#) = Not detected above laboratory reporting limit (indicated by #)

NS

 Not Sampled
 New York State Department of Environmental Conservation
 Polycyclic Aromatic Hydrocarbons
 Micrograms per Liter NYSDEC

PAHs

μg/L



Appendix A – Well Sampling Field and Analytical Data

Semi-Annual Groundwater Sampling Event April 21, 2021 AJ/PL

Well ID	Sample?	Well Size	DTW	DTP	DTB	Comments
MW-1	Yes	4"	7.20	NP	19.70	
MW-2	Yes	2"	6.70		17.66	Field Duplicate
MW-3	Yes	2"	4.81		14.13	
MW-4	Yes	2"	5.52		13.34	
MW-5	Yes	2"	5.88		16.10	
MW-6	Yes	2"	5.40		14.25	
MW-7	Yes	4"	25.04		37.20	
MW-ES-8	Yes	2"	7.05		14.10	
MW-9	Yes	4"	24.51		40.50	MS/MSD
MW-ES-10S	Yes	2"	7.13		14.50	
MW-11	Yes	2"	2.91		18.50	
MW-12	Yes	2"	3.45		14.30	
MW-103	Yes	2"	26.57	· Y	40.00	
RW-1	No	6"	Silel	V	28.52	

DTW -depth to water

DTP -depth to product

DTB -depth to bottom

Sampling Personnel:	AJ			Date: 4/21/21				
Job Number: 0603200-	132410-221			Weather:	34° F.	Snow		
Well Id. MW-1		99.00		Time In:	1220	Time Ou	t: /305	
Well Information								
D // 1 / 1/4 /		TOC	Other	Well Type		shmount	Stick-Up	
Depth to Water: Depth to Bottom:	(feet)	7.20 19.70		Well Lock	ed: Point Marked:	Yes Yes	No No	
Depth to Product:	(feet)	NP		Well Mate			ther:	
Length of Water Column:	(feet)	12.50		Well Diam			ther:	
Volume of Water in Well:	(gal)	8.25		Comments	3:			
Three Well Volumes:	(gal)	24,75		2				
						44		
Duraina Information								
Purging Information	•					Conversion	Factors	
Purging Method:	Baile	r Peristaltio	Grund	fos Pump	gal/ft.	1" ID 2" ID		
Tubing/Bailer Material:	Teflor			yethylene	of			
Sampling Method:	Baile	Peristaltic		fos Pump	water	0.04 0.16	0.66 1.47	
Average Pumping Rate: 2					1 gall	on=3.785L=3785	mL=1337cu. feet	
	30 (min)				-			
Total Volume Removed:	2 (gal)		id well go dry?	Yes No	\times			
Horiba U-52 Water Quality	Meter Used?	Yes	No					
Time DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS	
/225 7,33	8.01	77.0	(mV)	(mS/cm)	(NTU) 31.8	(mg/L) ().1 ≥	(g/L)	
1225 7.33	8.19	7.38	-116	2.12	\$1.8	0.00	1.35	
1235 7.45	8.32	7.24	-133	2.17	72.4	6.00	1-39	
1240 7.75	8.31	7.24	-135	2.14	25.8	0.00	1-38	
1245 7.85	8-30	7.25	735	216	18.4	0.00	1.38	
1250 7.92	8.29	7.25	-135	48008 2.15	8.6	0.00	1.38	
1255 8.00	8.38	7.25	-175	2.15	10.0	0.00	1.38	
Sampling Information:								
		AH'c			2 - 100 ml amb	ers Ye		
EPA SW-846 Method 8270	SVOC F							
EPA SW-846 Method 8260	VOC's E	BTEX			3 - 40 ml vial			
TO AND THE STATE OF THE PARTY OF THE STATE O		BTEX			3 - 40 ml vial 1 - 250 ml plas			
EPA SW-846 Method 8260 EPA SW-846 Method 9012	VOC's E Total Cya	BTEX anide	Vas No No	Shir	1 - 250 ml plas	etic Ye	s No	
EPA SW-846 Method 8260 EPA SW-846 Method 9012 Sample ID: MW-1-04	VOC's E Total Cya 21 Du	BTEX anide Slicate?	Yes No X	Ship	1 - 250 ml plas		s No	
EPA SW-846 Method 8260 EPA SW-846 Method 9012	VOC's E Total Cya 21 Du	BTEX anide Slicate?	Yes No Yes No		1 - 250 ml plas	etic Ye ace Courier Pic	No N	

Sampling Personnel:	AT			Date: 4/21/21				
Job Number: 0603200	-132410-221			Weather:	340F, 50	low		
Well Id. MW-2				Time In: //35 Time Out: /215				
Well Information								
		TOC	Other	Well Type	: Flus	shmount	Stick-Up	
Depth to Water:	(feet)	6.70		Well Lock		Yes	No	
Depth to Bottom:	(feet)	17.66			Point Marked:	Yes	No	
Depth to Product:	(feet)	NP		Well Mate			ther:ther:	
Length of Water Column: Volume of Water in Well:	(feet) (gal)	1.75		Well Diam Comments			mer:	
Three Well Volumes:	(gal)	5,2		Comment	5.			
	(941)	J, 2		<u> </u>				
				*				
Purging Information								
				_		Conversion		
Purging Method:	Baile			fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID	
Tubing/Bailer Material:	Teflor			yethylene	of	004 040		
Sampling Method:	Bailer	Peristaltio	Grund	fos Pump	water	0.04 0.16		
Average Pumping Rate: Duration of Pumping:	30 (ml/min)				1 gail	on=3.785L=3785	mL=1337cu. feet	
Total Volume Removed:	2,5 (gal)		oid well go dry?	Yes No	¥-			
		***************************************		163140	\sim			
Horiba U-52 Water Quality	Meter Used?	Yes	No No		Aller			
П т: I БТМ	T -	T	LODD		Tb i alita c	DO	TDS	
Time DTW (feet)	Temp (°C)	рН	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	(mg/L)	(g/L)	
1135 6.85	7.85	7.41	105	0:542	12.1	4.87	0.347	
1140 6.85	Tileo	7.01	108	0.533	16.2	3,53	0.341	
1145 6.85	7.68	7.52	106	0.525	8.0	0.14	80.336	
1150 4.85	7.73	7.50	104	0.528	5.5	0.00	0.338	
1155 6.85	7.82	7.49	104	0.535	4.9	0.00	6.342	
1200 6.85	7.91	7.48	103	0.545	9.4	0.00	0,348	
1205 6.85	7.95	7.47	103	0,557	7.9	0.00	0356	
	- Andrews G							
Sampling Information:								
Sampling membranen.								
EPA SW-846 Method 827	SVOC F	PAH's			4 - 100 ml amb	ers Ye	s No	
EPA SW-846 Method 826	0 VOC's E	BTEX			6 - 40 ml vial	s Ye	s No	
EPA SW-846 Method 901	2 Total Cya	anide			2 - 250 ml plas	stic Ye	s No	
	FD-0421							
Sample ID: MW-2-0		have now to be	Yes No No	Shi	The state of the s	ace Courier Pic		
Sample Time: 1210	MS	/MSD?	Yes No X		Drop-of	f Albany Servic	ce Center	
Comments/Notes:					Laboratory:	Pace Ar Greensb	-	

Sampling Pers	sonnel:	15			Date: 4	21/21			
Job Number:	0603200-1	32410-221			Weather: 36° F, light rain snow				
Well Id.	MW-3				Time In:	1045		1138	
vvoiria.									
Well Info	ormation	- Wi							
		•	TOC	Other	Well Type:	: Flus	shmount	Stick-Up	
Depth to Wate	er:	(feet)	4.81		Well Locke		Yes	No	
Depth to Botto		(feet)	14.13			Point Marked:	Yes	No	
Depth to Prod		(feet)	NP		Well Mater		SS Otl	her:	
Length of Wat Volume of Wa			9.32		Comments				
Three Well Vo		(gal)	1.9 1 9 1 9 1 9 1 9 1 9 1 9 1		Comments	·•			
THICE WEIL VO	names.	(gai)	/. /		100				
Purging In	formation								
							Conversion I		
Purging Metho		Bailer	Peristaltic		fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID	
Tubing/Bailer I		Teflon			yethylene	of	0.04 0.16	0.66 1.47	
Sampling Meth		Bailer	Peristaltic	Grund	fos Pump	water	0.04 0.16 on=3.785L=3785r		
Average Pump Duration of Pu						ı gali	011-3.765E-57651	11E-1007 cd. 1001	
Total Volume I	1 0	(min)		id well go dry?	Yes No	\sum			
				No No	100110				
Horiba U-52 W	vater Quality II	neter Used?	Yes			_			
Time	DTW	Tomp	рН	ORP	Conductivity	Turbidity	DO	TDS	
ll rime	(feet)	Temp (°C)	рΠ	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)	
1050	499	8.21	7.63	44	6.554	28.3	5.29	0.355	
1055	5.03	8.29	7.40	5-4	0.554	16.3	470	0350	
7000	5.13	8.34	7.57	74	0.542	4.2	4.28	0.347	
1105	5.21	8.29	7.56	90	0,530	2.5	434	a339	
1110	5.27	8.24	7,55	97	0.532	2-1	4.15	6340	
1115	5.28	8.22	7.53	100	0.535	1.9	3.78	0.342	
1)20	5.3	8118	1.57	100	0,540	1.3	7.73		
Sampling Info	ormation:								
100 C	6 Method 8270	SVOC P				2 - 100 ml amb			
2202.00	6 Method 8260	VOC's E				3 - 40 ml via			
EPA SW-84	6 Method 9012	Total Cya	anide			1 - 250 ml pla	stic Ye		
Sample ID:	MW-3-042	21 🗅 🗠	olicate?	res No X] Shi	pped: P	ace Courier Pic	kup 🖂 /	
Sample ID. – Sample Time:	1125			res No	1		off Albany Service		
Comments/Not						_aboratory:	Pace Ar	nalvtical	

Greensburg, PA

Sampling Personnel: A5	Date: 4/21 21				
Job Number: 0603200-132410-221	Weather: 36°F, light rain snow				
Well Id. MW-4	Time In: 1010 Time Out: 1046				
Well Information					
TOC Other	Well Type: Flushmount Stick-Up				
Depth to Water: (feet) 5.52	Well Locked: Yes No No No No				
Depth to Bottom: (feet) 13.34 Depth to Product: (feet) NP	Measuring Point Marked: Yes No No Other:				
Depth to Product: (feet) 17. 3.2	Well Diameter: 1" 2" Other:				
Volume of Water in Well: (gal) 1.25	Comments:				
Three Well Volumes: (gal) 3.5					
Purging Information					
	Conversion Factors dfos Pump				
	dfos Pump gal/ft. 1" ID 2" ID 4" ID 6" ID of				
	dfos Pump water 0.04 0.16 0.66 1.47				
Average Pumping Rate: 200 (ml/min)	1 gallon=3.785L=3785mL=1337cu. feet				
Duration of Pumping: 3 0 (min)					
Total Volume Removed: 2 5 (gal) Did well go dry?	? Yes No				
Horiba U-52 Water Quality Meter Used?					
22 Section 1971 1971 1971 1971 1971 1971 1971 197					
Time DTW Temp pH ORP	Conductivity Turbidity DO TDS				
(feet) (°C) (mV)	(mS/cm) (NTU) (mg/L) (g/L)				
1005 5.78 9.04 7.24 9	0.745 8-5 0.00 6.492				
1010 5.81 5.88 7.36 -37	6.718 14.7 0.00 0461				
1015 4.93 8.83 7.34 -60	0.711 11.7 000 0495				
	0.711 7.3 0.00 0.455				
1025 5.83 8.80 7.54 -66	0711 3.1 6.00 6455				
1035 5.83 8.77 7.34 -67	0.711 1.8 0.00 0.453				
1035 5.83 8.77 7.34 -67					
1035 5.83 8.77 7.34 -67					
1035 5.83 8.77 7.34 -67					
1035 5.83 8.77 7.34 -67					
1035 5.83 8.77 7.34 -67 Sampling Information:					
Sampling Information:	0.711 1.8 0.00 0.455				
Sampling Information: EPA SW-846 Method 8270 SVOC PAH's					
Sampling Information:	2 - 100 ml ambers Yes No				
Sampling Information: EPA SW-846 Method 8270 SVOC PAH's EPA SW-846 Method 8260 VOC's BTEX EPA SW-846 Method 9012 Total Cyanide	2 - 100 ml ambers 3 - 40 ml vials 1 - 250 ml plastic Yes No No No				
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 Sample ID: MW-4-0421 Duplicate? Yes No	2 - 100 ml ambers 3 - 40 ml vials 1 - 250 ml plastic Shipped: Pace Courier Pickup				
Sampling Information: EPA SW-846 Method 8270 SVOC PAH's EPA SW-846 Method 8260 VOC's BTEX EPA SW-846 Method 9012 Total Cyanide	2 - 100 ml ambers Yes No				

Sampling Personnel: 45			Date:	4/21/21			
Job Number: 0603200-132410-221			Weather: 36th, light rain snow				
Well ld. MW-5			Time Ir	- '	/	: 0955	
Well Information							
	TOC	Other	Well Ty			Stick-Up	
Depth to Water: (feet)	5.88		Well Lo		Yes	No	
Depth to Bottom: (feet) Depth to Product: (feet)	16.10 NP		Well M	ng Point Marked:	Yes X Ot	No her:	
Length of Water Column: (feet)	10122			ameter: 1"		her:	
Volume of Water in Well: (gal)	1.123		Comme	ents:			
Three Well Volumes: (gal)	4.9		-				
Purging Information					Conversion	Factors	
Purging Method: B	ailer Peristalti	c Grund	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID	
	flon Stainless St		yethylene X	of			
	ailer Peristalti	c Grund	fos Pump	water	0.04 0.16		
Average Pumping Rate: 260 (ml/min)				1 gall	on=3.785L=3785r	mL=1337cu. feet	
Duration of Pumping: 3 D (min)		Did well go dry?	Yes	No 🔽			
Total Volume Removed: 2 (gal)			res	140			
Horiba U-52 Water Quality Meter Used	? Yes	No No					
Time DTW Temp		ORP	Conductivi	ty Turbidity	DO	TDS	
Time DTW Temp (feet) (°C)	рН	(mV)	(mS/cm)		(mg/L)	(g/L)	
0915 6.04 10.41	7.27	-25	1.21	119	1.07	0.793	
0920 6.11 9.46	7.35	5	0.820		0.94	0,536	
0925 6.13 9.28		7	0.80		0,00	0.513	
0930 6.21 9.2	7.17	17	0.79	3.8	000	0.508	
0935 6.21 9.25	7.19	24	0.790		0.00	0.508	
ogur i a s	7,14	32	0.797		0.00	0,510	
0-1015 (6.21).18	7,11	72	0(777	2.0	000	0/3/0	
Sampling Information:							
EPA SW-846 Method 8270 SVO	PAH's			2 - 100 ml amb	ers Ves	No	
	s BTEX			3 - 40 ml vials			
	Cyanide			1 - 250 ml plas		No	
Sample ID: MW-5-0421	Duplicate?	Yes No X	8	Shipped: Pa	ace Courier Pick	up 🔀	
	C 40.000 C C C C C C C C C C C C C C C C C	Yes No No			f Albany Service		
Comments/Notes:				Laboratory:	Pace Ana Greensbu		

Scorioridad Street, Choida New York							
Sampling Personnel: 45			Date: 4	/21/21			
Job Number: 0603200-132410-221			Weather: 34 F, 5now				
Well Id. MW-6			Time In: 1305 Time Out: 1350				
VVEII IG.			11110 1111. 7		711110 00	. 7530	
Well Information							
	TOC	Other	Well Type	: Flu	shmount	Stick-Up	
Depth to Water: (feet)	5.40		Well Locke		Yes	No	
Depth to Bottom: (feet)	14.25			Point Marked:	Yes	No	
Depth to Product: (feet)	NP		Well Mate			ther:ther:	
Length of Water Column: (feet) Volume of Water in Well: (gal)	8.85		Comments				
Three Well Volumes: (gal)	4.2		Comments				
Times was verallies. (gar)							
Purging Information							
		K 2			Conversion		
	ailer Peristaltic		fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID	
	flon Stainless St.		yethylene	of	004 046	0.66 1.47	
Sampling Method: Bar Average Pumping Rate: 200 (ml/min)	ailer Peristaltio	Grund	fos Pump	water	0.04 0.16 on=3.785L=3785		
Duration of Pumping: 30 (min)				l gan	011-3.703L-3703I	IIIL-1557cd. leet	
Total Volume Removed: 2.5 (gal)	D	id well go dry?	Yes No	\times			
Horiba U-52 Water Quality Meter Used		No					
Tionba & 62 Water adaily Meter deed				-			
Time DTW ★ Temp	PH	ORP	Conductivity	Turbidity	DO	TDS	
(feet) (°C)	F-1.	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)	
1310 5.31 7.97	7,12	-105	1.43	112	0.00	0.951	
1315 5.40 7.32	6.54	-5-3	0,448	270	1,25	0:436	
1320 5.40 6.71	6.92	-24	0,421	192	5,00	0281	
1325 5.40 0.20	7.39	-6	0,211	163	9.08	0.142	
1330 5,40 5,94	7.61	6	0.123	77.8	9.13	0,067	
1340 5.40 5.53	7.78	8	0,055	58.7	9.16	0.062	
	7	0			1,0,0		
Sampling Information:							
EDA CW 040 Mathed 0070 CVO	N DALUE			2 - 100 ml amb	oro Vos		
	PAH's BTEX			3 - 40 ml vials		No No	
	Cyanide			1 - 250 ml plas		No	
			_	,			
	Ouplicate?	Yes No X	Shi	pped: Pa	ace Courier Pick	kup 🔀	
Sample Time: 1345	MS/MSD?	Yes No X		Drop-of	f Albany Service	e Center	
Comments/Notes:				_aboratory:	Pace Ana	alytical	
			II II	950		15.0	
# Surface water & well, cannot avoi	-unnine inte				Greensbu	urg, PA	
Sample Time: 1345				Drop-of	f Albany Service	e Center	
# 6 1/	52 54 540		II		Grannahi	Ira PA	

1-								
Sampling Per	rsonnel: Pela	1 you			Date: 4/	21/21		
Job Number:					Weather:	SNOW 3	5°	
Well Id.	MW-7				Time In:	1105	Time Out:	11.45
Well Int	formation							
	omation	Es	TOC	Other	Well Type	: Flus	shmount	Stick-Up
Depth to Wat		(feet)	25.04		Well Lock		Yes	No
Depth to Bott		(feet)	37.20			Point Marked:	Yes	No
Depth to Prod		(feet)	12.16		Well Mate Well Diam			ner:
Length of Wa		(feet) (gal)	8.02		Comments	20 CONTROL OF THE PROPERTY OF		lei
Three Well V		(gal)	24,07		00111110111			
111100 1	010	(0-7)						
Purging I	nformation	1					Conversion F	ectore
Purging Meth		Baile	r Peristalti	Grund	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer		Teflor			yethylene X	gai/π.	1 10 2	
Sampling Me		Bailer			fos Pump	water	0.04 0.16	0.66 1.47
Average Pum			200			1 gallo	on=3.785L=3785m	nL=1337cu. feet
Duration of P		(min)	30					
Total Volume	Removed:	(gal)	-	Did well go dry?	Yes No			
Horiba U-52	Water Quality N	Neter Used?	Yes	s No				
								T = 30 I
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
	(feet)	(°C)	221	(mV)	(mS/cm)	(NTU) 937	(mg/L)	(g/L)
1115	25.11	8.65	7.31 7.33	-102	1.75 1.72	147	0.00	1.10
1120	25.11	9.03	7.30	-109	1-69	25.4	0.00	1.08
1125	25.11	8,96	7.29	-104	1.68	12.0	0.00	1.07
1130	25.11	8.92	2.25	-94	1.66	2.7	0.00	1.06
1135	25.11	8.89	2.22	-86	1.64	6.9	0,00	1.05
1140	25.11	8.99	2.21	-82	1.63	6.5	0,00	1.04
Sampling Inf	formation:							
FPA SW-84	46 Method 8270	SVOC F	Ο Δ Η'ς			2 - 100 ml amb	ers Yes	No
5.00.000 500.000 500	46 Method 8260	VOC's E				3 - 40 ml vials		
	46 Method 9012	Total Cy				1 - 250 ml plas		
0 1 15				🗀 🖂	1 0		O ' D:-I-	
Sample ID:	MW-7-042		plicate?	Yes No	Sh		ace Courier Pick f Albany Service	
Sample Time:	1140	IVIO	S/MSD? 	Yes No X		27		
Comments/No					- 11	Laboratory:	Pace Ana	alutical

Sampling Personnel:	Date: 4/2/21
Job Number: 0603200-132410-221	Weather: 36°F, cloudy
Well Id. MW-ES-8	Time In: 0820 Time Out: 0900
Well Information	Others Mell Types Floring Will All Children
Depth to Water: (feet) 7,05	Other Well Type: Flushmount Stick-Up Well Locked: Yes No
Depth to Bottom: (feet) 14.10	Measuring Point Marked: Yes No
Depth to Product: (feet)	Well Material: PVC SS Other:
Length of Water Column: (feet) 7.05	Well Diameter: 1" 2" Other:
Volume of Water in Well: (gal) /. 12	Comments:
Three Well Volumes: (gal) 3.3	2
Purging Information	Conversion Factors
Purging Method: Bailer Perista	
Tubing/Bailer Material: Teflon Stainless	S S S S S S S S S S S S S S S S S S S
Sampling Method: Bailer Perista	altic Grundfos Pump water 0.04 0.16 0.66 1.47
Average Pumping Rate: 200(ml/min)	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: 3 0 (min)	Did well as do 2. Yes No. No.
Total Volume Removed: 2.5 (gal)	Did well go dry? Yes No
Horiba U-52 Water Quality Meter Used?	∕es No
Time DTW Temp pH	ODD Conductivity Turkidity DO TDS
Time DTW Temp pH	ORP Conductivity Turbidity DO TDS (mV) (mS/cm) (NTU) (mg/L) (g/L)
0825 7.35 (0.8) 7.57	
0830 812 10.90 7.42	
0835 8-22 10-98 7.22	
0840 8.26 11.01 7.17	-32 120 165 1.35 0.770
0845 8.29 11.01 7.15	
0850 8.29 1098 7.19	-47 1.31 64.3 0.26 0834 -49 1.43 53.3 0.00 0916
0855 8.29 1097 7160	-49 1,43 55.3 0,00 0916
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-ES-8-0421 Duplicate?	Yes No Shipped: Pace Courier Pickup
Sample Time: 0900 MS/MSD?	Yes No Drop-off Albany Service Center
Comments/Notes:	Laboratory: Pace Analytical Greensburg, PA

Company of the Compan								
Sampling Pe	ersonnel: R	tel Lyon			Date: 4	121/21		
Job Number:	0603200-	132410-221			Weather:	35° /19	lt Rain	
Well Id.	MW-9		W. 1997		Time In:	1005	Time Out	1/00
Well In	formation	_		V Accounts				
D 11 1 10/	•		TOC	Other	Well Type			Stick-Up
Depth to Wa Depth to Bot		(feet)	24.5 / 40.50		Well Lock		Yes	No
Depth to Pro		(feet)	40.50		Well Mate	Point Marked: rial: PVC	Yes X Ot	No her:
Volume of W		(gal)	10.55		Comments			TICI. — 1
Three Well V			31.66					
Purging I	nformation	•					Conversion I	Factors
Purging Meth	aod:	Baile	Peristaltic	Gruns	lfos Pump	1/51	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer		Teflor			lyethylene	gal/ft.	1 10 2 10	4 10 0 10
Sampling Me		Baile			fos Pump	water	0.04 0.16	0.66 1.47
Average Pun		(ml/min)	ronotation	orano			on=3.785L=3785r	
Duration of P		(min)	-					
Total Volume		(gal)	D	id well go dry?	Yes No			
	Water Quality I			No				
Horiba 0-52	Quality i	wieter Osed?	res					
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
	(feet)	(°C)	P11	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1010	24.67	9.75	\$ 7.84	-79	. 838	29.3	0.00	-536
1015	24.64	9.98	7.92	-56	.839	27.7	0.00	.538
1020	24.63	9.72	8.02	-24	1844	21.0	0.00	,540
1025	24.61	9.22	8.17	-7	.844	20.5	0.00	.540
1030	24.61	9,81	8.24	-2	.844	21.1	0.00	.540
1635	24.61	9.72	8.19	8	1844	23.1	0.00	-540
1040	24.61	9.22	8.00	11	1845	22.1	0,60	.54/
			-					
			1					
Sampling Inf	formation:							
	46 Method 8270	SVOC F				6 - 100 ml amb		No
60 mg 2 8500 50	46 Method 8260	VOC's E				9 - 40 ml vials		No No
	46 Method 9012	Total Cy				3 - 250 ml plas	tic Yes	No
MW-9-MS-0421 MW-9-MSD-0421								
		24 5	nliant-O	V	01.	anad	0- '- 5' '	
Sample ID:	MW-9-042		•	Yes No	Shi	*	ce Courier Pick	
	MW-9-042		•	Yes No No No			ice Courier Pick f Albany Service Pace Ana	Center

Sampling Per	rsonnel:	Peter you			Date:	4/21/21		
Job Number:		-132410-221			Weather	: Rein/sno	J 35°	
Well Id.	MW-ES-10S	•				HO5 1251		t: /330
Well Inf	formation	_					5-2	
			TOC	Other	Well Type		shmount	Stick-Up
Depth to Wat		(feet)	25.04-> 14.50	7.13	Well Lock		Yes	No
Depth to Bott Depth to Prod		(feet)	14.50		Well Mate	Point Marked:	Yes X Ot	Nol ther:
Length of Wa		(feet)	7.37		Well Dian			ther:
Volume of Wa		(gal)	1.17		Comment			
Three Well Vo	olumes:	(gal)	3.53					
	Na. 1							
Purging Ir	nformation	_						
- ' Made							Conversion	
Purging Methor		Baile			Ifos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Sampling Met		Teflor			lyethylene	of	0.04 0.16	0 66 1 17
Average Pum		Baile (ml/min)	er Peristal	itic Grund	fos Pump	water	0.04 0.16 lon=3.785L=3785r	
Duration of Pu		(min)	30			I yan	0N-3.705L-37001	TL=1337Cu. leet
Total Volume		(gal)		Did well go dry?	Yes No			
					100			
Horiba U-32 v	Water Quality I	Meter Useu?	16	es No				
Time	DTW	Tomp	Т	ORP	T Conductivity	Turbidity	T 00	T TOS T
Tillie	(feet)	Temp (°C)	рН	(mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
+++0 1255		10.39	7.37	- 23	3. 35	(NTO) 1.9	(mg/L)	2.19
7775 130		10.91	7.19	-87	3.80	1.8	0,00	2.43
+1201305		11.10	7.14	-91	3.80	1.8	0.00	2.43
135 1310	7.21	11.09	2.13	#91	3.84	1.7	0.00	2.46
-11301315		11.13	2.11	72	3.84	1.7	0.00	2.46
1320	7.21	11.13	7.11	-94	3.84	1.7	0.00	2.46
1325	2.21	11.11	7.10	-95	3.84	1.7	0.00	2.46
					(4)			
- " 1-1		The state of the s						
Sampling Info	ormation:							
A CIM 04	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	21/20 1	- 124					
	6 Method 8270	SVOC F				2 - 100 ml amb	11000000	No No
	16 Method 8260					3 - 40 ml vials		No -
EPA 500-84	16 Method 9012	Total Cy	anide			1 - 250 ml plas	tic Yes	No
Sample ID:	MW-ES-10S-	-0.421 Du	plicate?	Yes No X	Sh	nipped: Pa	ace Courier Pick	X
Sample Time:	1325		S/MSD?	Yes No	Sil		f Albany Service	
			##WOD :	103				
Comments/No	tes:				- 1	Laboratory:	Pace Ana	6
					ll l		Greensbu	ra. PA

Sampling Pe	rsonnel: Rut	er you			Date: 4/21/21					
Job Number:		32410-221			Weather:	350 ligh	train			
Well Id.	MW-11				Time In:	(and the same of t	Time Out	1000		
Well In	formation		TOC	Other	Well Type	- Flus	shmount	Stick-Up		
Depth to Wa	ter:	(feet)	2.91	Other	Well Lock		Yes	No No		
Depth to Bott		(feet)	18.50			Point Marked:	Yes	No		
Depth to Pro		(feet)			Well Mate			her:		
Length of Wa			15.59		Well Diam		2" \(Ott	her:		
Volume of W		(gal)	2.49		Comment	S:				
Three Well V	'olumes:	(gal)	7.48		· · · · · · · · · · · · · · · · · · ·					
Purging I	Information									
r urging i	Homaton						Conversion F	Factors		
Purging Meth	nod:	Baile	er Peristalti	ic Grund	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID		
Tubing/Bailer	and the same of th	Teflor	\vdash		yethylene	of				
Sampling Me	thod:	Baile	er Peristalti	ic Grund	fos Pump	water	0.04 0.16	0.66 1.47		
Average Pun		(ml/min)	200		, '	1 gall	on=3.785L=3785n	nL=1337cu. feet		
Duration of P		(min)	30							
Total Volume	Removed:	(gal)		Did well go dry?	Yes No					
Horiba U-52	Water Quality M	1eter Used?	Yes	s No						
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS		
	(feet)	(°C)	200	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)		
09.25	SH28.12	7.20	7.72	-86	1.12	427	2.95	715		
0930	8.09	7.17	7.64	-93	. 98/	94.4	0.00	.619		
0940	8.11	7:12	7.63	-109	.841	69.8	0.00	.537		
0945	8.12	2.22	7.63	-/21	.816	32.4	0.00	.522		
0956	8.11	7.22	7.63	-122	.812	28.0	0.00	.520		
0 955	8.11	7.21	7.58	-120	. 707	20.4	0.00	.517		
Sampling Inf	formation:			62						
EDA C/A/ 0	10 Marks 4 0070	1 201/2	DAIN-			0 100 ml amb	Voc	No		
C-000 50 10 85 9000 8000	46 Method 8270 46 Method 8260	SVOC F VOC's E				2 - 100 ml ambe 3 - 40 ml vials		No No		
	46 Method 9012	Total Cya				1 - 250 ml plas		No No		
Sample ID:	MW-11-042	21 Du	plicate?	Yes No No	Sh	ipped: Pa	ace Courier Pick	up 🖂		
			P	1 1 V V		1-1-				
Sample Time:	0955	MS	S/MSD?	Yes No No		Drop-of	f Albany Service	e Center		

Sampling Pe	rsonnel: Rd	er Lyon			Date: 4/	21/21		
Job Number:		132410-221			Weather:	34° c/0	udy	
Well Id.	MW-12		-		Time In: 2	835	Time Out	0915
Well In	formation	_						
		-	TOC	Other	Well Type		shmount	Stick-Up
Depth to Wa		(feet)	3.45		Well Lock		Yes	No
Depth to Bot		(feet)	14.30			Point Marked:	Yes X Ot	No
Depth to Pro Length of Wa		(feet)	1		Well Mate Well Diam			her: her:
Volume of W		(feet)	10.95	.73	Comments			ner
Three Well V		(gal)	5.20	10	· Common.	3.		
	100							
Purging I	Information					F		
Duraina Moth	٠ ـ ما،		D. J. L. L. W.	O			Conversion 1 1 ID 2 ID	
Purging Meth Tubing/Bailer		Bailer Teflor			fos Pump yethylene	gal/ft.	1 10 2 10	4 10 0 10
Sampling Me		Baile			fos Pump	of water	0.04 0.16	0.66 1.47
Average Pun			200	Olumb	ios Fump		on=3.785L=3785r	
Duration of P			30				011-0.7002 0.00.	IIL-100704.1001
Total Volume		(gal)		Did well go dry?	Yes No			
					100			
Horiba U-52	Water Quality N	/leter Used :	res	s No No			- Carre	
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
IIIIIC	(feet)	(°C)	þΓι	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
8:40	73.5%	8.54	6.97	-57	5.02	91.7	4,87	3.16
8.45	3,54	8.65	2.01	-57	5.03	82.8	.03	3.17
8.50	3.56	8.26	2.06	-59	5.03	78.9	0.00	3.16
8:55	3.56	8.21	7.08	-61	5.02	55.0	0.00	3.17
0900	13.56	8.61	7.10	-65	5.04	53.8	0.00	3,17
0905	3.56	8.40	7./3	- 65	5.03	42.3	0.00	3.17
0910	3.56	8122	7.14	-66	5.02	50.1	0,00	3.16
	**							
	.52							ļI
Ц								
Sampling Inf	ormation:							
EDA 614/ 0/	40 14-4- 24 0070	01/00 5	> A + II			2 100!	Van	
	46 Method 8270	SVOÇ P	9			2 - 100 ml amb		No
Samuel Control of the	46 Method 8260	VOC's E				3 - 40 ml vials		
EPA 5W-84	46 Method 9012	Total Cya	anide			1 - 250 ml plas	tic yes	No ∐
Sample ID:	MW-12-04	.21 Dur	plicate?	Yes No X	Shi	pped: Pa	ice Courier Pick	un 🔀
Sample Time:	0910		No management of the same	Yes No	J	5.005.0	f Albany Service	
Comments/No	ites:					Laboratory:	Pace Ana	
					ll ll		Greensbu	irg, PA I

1000						100					
Sampling Pe	ersonnel: R	he you			Date: 4/	4/21					
Job Number:	0603200-	132410-221			Weather:	350 Rain/	Snow				
Well Id.	MW-103				Time In:	1155	Time Out	1240			
Well In	formation		TOC	Other	Mall Type	S	ah may int	Stick-Up			
Depth to Wa	ter:	(feet)	26.57	Other	Well Type Well Lock		shmount Yes	No No			
Depth to Bot		(feet)	40.00			Point Marked:	Yes	No			
Depth to Pro		(feet)			Well Material: PVC SS Other:						
Length of Wa		(feet)	13.47		Well Dian	her:					
Volume of W		(gal)	2.14		Comment						
Three Well Volumes: (gal) 6 44											
Purging	Information										
T drging i	mormation						Conversion I	Factors			
Purging Meth	nod:	Baile	er Peristalt	ic Grund	lfos Pump	gal/ft.	1" ID 2" ID				
Tubing/Bailer		Teflo	on Stainless S	t. Po	lyethylene	of	W-20-20-				
Sampling Me	thod:	Baile	er Peristalt	ic Grund	lfos Pump	water	0.04 0.16	0.66 1.47			
Average Pun	nping Rate:	(ml/min)	200			1 gall	on=3.785L=3785r	nL=1337cu. feet			
Duration of P	umping:	(min)	30				33.38 WHEE				
Total Volume	Removed:	(gal)		Did well go dry?	Yes No						
Horiba II-52	Water Quality N	Meter Used?		s No							
TIOTIDA O OZ	vvator Quality i	victor obcu :		32110			85 35 8000 H 1946				
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS			
	(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)			
1200	26.66	9.22	2.39	- 89	2-42	893	0.00	1.54			
1205	26.68	10-13	8.03	-89	1.27	415	0.00	.811			
1210	26.66	10.42	7.87	-79	1.27	207	0.00	,815			
1215	26.66	10.55	2.23	-82	4.26	28.9	0.00	.869			
1220	26.66	10.59	7.72	-83 -85	1.27	23,1 7.5	0.00	,812			
1225	26.66	10.63	2.22	-85	1.28	2.9	0.00	.816			
7230	420.00	10.49	7.75	- 00	1107	7.1	0.00	1810			
			100 4000 1000								
								Ware and a second secon			
Sampling Inf	formation:										
The second of th	46 Method 8270	SVOC	PAH's			2 - 100 ml amb	ers Yes	No			
EPA SW-8	46 Method 8260	VOC's	BTEX			3 - 40 ml vial:	s Yes	No_			
EPA SW-84	46 Method 9012	Total Cy	/anide			1 - 250 ml plas	tic Yes	No			
Commis ID:	B#18/ 402 0	104 D.		v	1 66	inned D	0 . 5: 1				
Sample ID: Sample Time:	MW-103-04		uplicate? S/MSD?	Yes No No	, Sn	7.1	ce Courier Pick				
	1230	1013	J/IVIOU!	Yes No X			f Albany Service				
Comments/No	otes:					Laboratory:	Pace Ana Greensbu	100			



CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

	on A ired Client Information		Section B			Section	С																			
	any: GES - Syracuse		Required Project Information: Report To: Devin Shay (GES)			Invoice In																		Page:	1 0	of 1
			dshay@gesonline.com						mail at ges-i			com						1418	100	11	RE(LILAT	ORY	AGENCY	,	144
	ss: 5 Technology Plac		Report To: Tim Beaumont (GE tbeaumont@gesonline.com	S)		Company	Name: Gro	undwater &	Environmenta	al Service	s, Inc.						-	NPDES	F 21	POLIN	D WATE		-			
	Syracuse, New York 13					Address: 5	Technology	y Place, Suit	e 4, East Syr	racuse, N	13057	-		-	-		4 1	UST			DAAVIE			ING WATE	ĒR	
	To: dshay@gesonline	.com	Purchase Order No.:		-	Pace Quo	e Reference) :										UST	R		-		·THE	<u></u>		
Phone x4051	: 800.220.3069 Fa	c: None	Project Name: National Grid - C Sconondoa St, Oneida NY	Oneida		Pace Proje	ect Manager:	: Rachel Chi	ristner)O A TIG	SITE			ЗА	L	Γ.		1-
Reque	sted Due Date/TAT:	Standard	Project Number: 0603200-132410-221-1106			Pace Profi	le#:		Semi-	Annua	I GWS	;						CATIO			L'	ЭН	·C	7 /	HE	ER
	Section D R	equired Client Information	Valid Matrix Codes MATRIX CODE	7	T		COLL	FOTED		T	1	_			-			ed (Y/N)				\angle			11	///
1	SA	MPLE ID	DITE AND MATCH DE HISTORY DE HIST		Q.		COLL	LECTED	¥6			-	F	resen	vative:	;	_	ested				//	//	17	77	7/
		naracter per box.	MADE NATION P CALCALO C.		C=COMP					Z	1						Analy	sis:			/	//	//	///	///	//
		i-Z, 0-9 / ,-) s MUST BE UNIQUE	P P P P P P P P P P		9	COMPOSITE ST	ART	QPAB		SAMPLE TEMP AT COLLECTION	(0)										/	//	//	///	//,	/
			Total	MATRIX CODE	G+GRAB				Ι	- J	CONTAINERS										//	//	//	///	//	
				N X	1 0					AT C	NTA										//	//	//,	///		1
				MA	비					TELL	#OF CC									//	//,	//	//	///	/	1
				1	SAMPLE TYPE					PLE	#			П					/	1 (68) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3/3/	//	///	///		
# 5					AMP				1	SAR		pen					-		151	13/	3/	///	//,			
ITEM #					l o							resor	0 5		I 6	Methanol	_		8	8 2	1/	//	//		P:	ace Project
7		MM 1 0404		+	+-	DATE	TIME	DATE	TIME		<u> </u>	du5	H.SO, HNO ₃	E E	NaOH	Meth	Othe	/		3	//	//	//	/		Number Lab I.D.
2		MW-1-0421		WT				7/21/21	1300	-	6	2		3	1				3 2	1						
3		MW-2-0421 MW-3-0421		WT				H-	1210	_	6	2		3	1	\sqcup			3 2	1						
4		MW-4-0421		WT				$\vdash \vdash$	1125		6	2		3	1	\sqcup		;	3 2	1						
5		MW-5-0421		WT				$\vdash\vdash$	1040	_	6	2		3	1	\sqcup		_ :	3 2	1						
6		MW-6-0421		WT				\vdash	0950		6	2	_	3	1	Ш			2	1						
7		MW-7-0421		WT				Н—	1345		6	2	-	3	1	Ш		3	2 1	1						
8		MW-ES-8-042	21	WT				H-	1140		6	2		3	1	\sqcup		3	2 1							
9		MW-9-0421	31	WT	G			+-	0900	-	6	2	4	3	1			3	2 1							
10		MW-9-MS-0421	21	WT	G			Н—	1040	-	6	2	\perp	3	1			3	2 1							
11		MW-9-MSD-042		WT	G			4	1040		6	2	\perp	3	1	Ш		3	2 1							
12	-	MW-ES-10S-04		WT	G			-	1040		6	2	\perp	3	1	Ш		3	2 1							
13		MW-11-0421		WT	G			-	1325		6	2	44	3 1	1	Ш		3	2 1							
14		MW-12-0421		WT	G			+	0955		6	2	+	3 1	1		_	3	2 1							
15		MW1-103-042		WT	G G			-	0910		6	2	++	3 1	1			3	2 1							
16		FD-0421		WT	G			1/	1230		6	2	+	3 1	4			3	2 1							
17		Trip Blanks		WT	G			9				2	+	3 1	4		-	3	2 1	Ш						
Addition	al Comments:					HED BY / AF	FILIATION		DATE	C-01-02	2		\perp	3		1	1	3								
SAMPL	ES WILL ARRIVE	IN #	7			TOO I SEE THE SECOND		Marin Ro		TIME	ACCEPT	ED 3	Y / AFF	ILIATI	ION				DATE	E	TIME	SA	MPLE	CONDI	TIONS	3
	LO TITLE ARTIVE	- ""	COOLERS.	(HE	ees	To go	940	GES	1/21/21	1445	al	1	0	1	_	//,	_		4/2	16	144 2	gp-		Z Z	Z X	N X
Please	send reports to:	hav@assan"		0	WA	al)	1/		4/21/21	1700				1	-				11	1		1			N. A.	N.
IED.	on grane	snay@gesonline.com, the	eaumont@gesonline.com				1/		1/						11					1			_		N X	X X
v=r/edl	un ajgesonline.co	m, qes@equisonline.com	<u>n</u>				/								0					+		+			N.	N X
PECIF	IC EDD NAME:								SIGNATURE	≣						3 4 5	REAL S		3523							+
		28351.EQEDD.zip				1	INT Name of SA															Temnin in	- Joseph	Ce	aled Cooler	amples Intac
· COM	raa-iatoitiiniDCf.2	oss r.EQEDD.zip					SAC OF SA	out LL IX.						DAT	rt Sign	M (MM/	DD/YY)					7	S S	Ice	Seale	gampl

Semi-Annual Groundwater Sampling Event October 14, 2021

Well ID	Sample?	Well Size	DTW	DTP	DTB	Comments
MW-1	Yes	4"	7.23		19.70	
MW-2	Yes	2"	6.70		17.66	Field Duplicate
MW-3	Yes	2"	4.86		14.13	
MW-4	Yes	2"	5-60		13.34	
MW-5	Yes	2"	5.87		16.10	
MW-6	Yes	2"	5.91		14.25	
MW-7	Yes	4"	24:17		37.20	
MW-ES-8	Yes	2"	6.98		14.10	
MW-9	Yes	4"	24.60		40.50	MS/MSD
MW-ES-10S	Yes	2"	722		14.50	
MW-11	Yes	2"	0.05		18.50	
MW-12	Yes	2"	3.60		14.30	
MW-103	Yes	2"	2692		40.00	
RW-1	No	6"	6.7		28.52	

DTW -depth to water

DTP -depth to product

DTB -depth to bottom

	:	ew York						
Sampling Perso	onnel Pub	ود لمعم			Date: \o	1/7/		
	0603275-13	•			Weather: 6			
Job Number:		Z-710-ZZ-1			Time In: 12	32	Time Out:	1310
Well Id.	MW-1							
Well Infor	rmation						K-7	<u></u>
Well tillo	manor,		тос	Other	Well Type:		$\left\langle \cdot \right\rangle$	tick-Up
Depth to Water		(feet)	7.23		Well Locked		Yes	No
Depth to Bottor		(feet)	19.70		Measuring Po		Yes X SS Othe	No L
Depth to Produ		(feet)			Well Materia		2" Oth	
Length of Wate			2.47		Well Diame Comments:			··· ————
Volume of Wat		(gal)	8.1		Comments.			
Three Well Vo	lumes:	(gal)	24.7					
Purging In	formation							
- raiging in	(CITICATO)						Conversion F	
Purging Metho	nd:	Bailer	Peristaltic	Grundfo	s Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer		Teflon	Stainless St.	Poly	ethylene	of	0.46	0.00 1.47
Sampling Meth		Bailer	Peristaltic	Grundfo	os Pump	water	0.04 0.16	
Average Pump		(ml/min)	200			1 gallo	on=3.785L=3785m	1L=1337 Gu. leet
Duration of Pu		(min)	30		V. []N-[- 71		
Total Volume	Removed:	(gal)	<u> </u>	id well go dry?	Yes No	Al		
Horiba U-52 V	Vater Quality N	Meter Used?	Yes	No □				
								T TOO I
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
Time	DTW (feet)	Temp (°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
Time /2.35	(feet) 7,33	(°C) 17.37	6.90	(mV) -/29	(mS/cm) 2.45	(NTU) 78,6	(mg/L) <i>Q-O</i> O	(g/L) 1.58
1235	(feet) 7.33 7.49	(°C) 17.37 16.39	6.90	(mV) -129 -159	(mS/cm) 2.45 2.57	(NTU) 78.6 45.6	(mg/L) 0,00	(g/L) 1.58 1.64
1235	(feet) 7,33 7,49 2,50	(°C) 17.37 16.39 16.35	6.90 6.99 6.95	(mV) -129 -159 -16d	(mS/cm) 2.45 2.57 2.57	(NTU) 78.6 45.6 57.7	(mg/L) 0.00 0.00 0.00	(g/L) 1.58 1.64 1.64
1235 1240 1245	(feet) 7,33 7,49 2,50 7,53	(°C) 17.37 16.39 16.35	6.90 6.99 6.95 6.96	(mV) -129 -159 -16d -165	(mS/cm) 2.45 2.57 2.57 2.56	(NTU) 78,6 45.6 57.7 52.4	(mg/L) 0,00	(g/L) 1.58 1.64 1.64
1235 1240 1245 1256 1255	(feet) 7, 33 7, 49 2,50 7,53 7,81	(°C) 17.37 16.39 16.35 12.11	6.90 6.99 6.95 6.96 6.94	(mV) -129 -159 -160 -165 -161	(mS/cm) 2.45 2.57 2.57 2.56 2.56	(NTU) 78.6 45.6 57.7 52.4 35.0	(mg/L) 0.00 0.00 0.00 0.00	(g/L) 1.58 1.64 1.64
1235 1240 1245 1255 1255 1300	(feet) 7,33 7,49 7,50 7,53 7,81 7,89	(°C) 17.37 16.39 16.35 12.11 17.41	6.90 6.93 6.93 6.96 6.94	(mV) -129 -159 -160 -165 -161 -156	(mS/cm) 2.45 2.57 2.57 2.56	(NTU) 78.6 45.6 57.7 53.4 35.0	(mg/L) 0.00 0.00 0.00 0.00	(g/L) 1.58 1.64 1.64 1.64 1.63
1235 1240 1245 1256 1255	(feet) 7, 33 7, 49 2,50 7,53 7,81	(°C) 17.37 16.39 16.35 12.11	6.90 6.99 6.95 6.96 6.94	(mV) -129 -159 -160 -165 -161	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53	(NTU) 78.6 45.6 57.7 52.4 35.0	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) 1.58 1.64 1.64 1.64 1.63
1235 1240 1245 1255 1255 1300	(feet) 7,33 7,49 7,50 7,53 7,81 7,89	(°C) 17.37 16.39 16.35 12.11 17.41	6.90 6.93 6.93 6.96 6.94	(mV) -129 -159 -160 -165 -161 -156	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53	(NTU) 78.6 45.6 57.7 53.4 35.0	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) 1.58 1.64 1.64 1.64 1.63
1235 1240 1245 1255 1255 1300	(feet) 7,33 7,49 7,50 7,53 7,81 7,89	(°C) 17.37 16.39 16.35 12.11 17.41	6.90 6.93 6.93 6.96 6.94	(mV) -129 -159 -160 -165 -161 -156	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53	(NTU) 78.6 45.6 57.7 53.4 35.0	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) 1.58 1.64 1.64 1.64 1.63
1235 1240 1245 1255 1255 1300	(feet) 7,33 7,49 7,50 7,53 7,81 7,89	(°C) 17.37 16.39 16.35 12.11 17.41	6.90 6.93 6.93 6.96 6.94	(mV) -129 -159 -160 -165 -161 -156	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53	(NTU) 78.6 45.6 57.7 53.4 35.0	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) 1.58 1.64 1.64 1.64 1.63
1235 1240 1245 1255 1255 1300	(feet) 7,33 7,49 7,50 7,53 7,81 7,89	(°C) 17.37 16.39 16.35 12.11 17.41	6.90 6.93 6.93 6.96 6.94	(mV) -129 -159 -160 -165 -161 -156	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53	(NTU) 78.6 45.6 57.7 53.4 35.0	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) 1.58 1.64 1.64 1.64 1.63
1235 1240 1245 1255 1255 1300	(feet) 7.33 7.49 2.50 2.53 7.81 7.89 7.97	(°C) 17.37 16.39 16.35 12.11 17.41	6.90 6.93 6.93 6.96 6.94	(mV) -129 -159 -160 -165 -161 -156	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53	(NTU) 78.6 45.6 57.7 53.4 35.0	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) 1.58 1.64 1.64 1.64 1.63
1235 1240 1245 1255 1300 1365	(feet) 7.33 7.49 2.50 2.53 7.81 7.89 7.97 formation:	(°C) 17.37 16.39 16.35 17.11 17.41 17.12 17.25	6.90 6.95 6.95 6.96 6.94 6.99	(mV) -129 -159 -160 -165 -161 -156	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53	(NTU) 78,6 45.6 57.7 52.4 35.0 15.1 10,2	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) 1.58 1.64 1.64 1.64 1.63
1235 1240 1245 1255 1300 1365 Sampling In	(feet) 7.33 7.49 2.50 2.53 7.81 7.89 7.97 formation:	(°C) 17.37 16.39 16.35 17.11 17.41 17.12 17.25	6.90 6.95 6.95 6.96 6.94 6.95	(mV) -129 -159 -160 -165 -161 -156	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53	(NTU) 78,6 45.6 57.7 52.4 35.0 15.1 10,2	(mg/L)	(g/L) 1.58 1.64 1.64 1.63 1.62 1.62
1235 1240 1245 1255 1300 1365 Sampling In EPA SW-8	(feet) 7.33 7.49 2.50 7.53 7.81 7.89 7.97 formation: 46 Method 8270 846 Method 826	(°C) 17.37 16.39 16.35 17.11 17.12 17.25 SVOC VOC's	6.90 6.95 6.95 6.96 6.94 6.95 PAH'S	(mV) -129 -159 -160 -165 -161 -156	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53	(NTU) 78,6 45.6 57.7 52.4 35.0 15.1 10,2	(mg/L)	(g/L) 1.58 1.64 1.64 1.63 1.62 1.62
1235 1240 1245 1255 1300 1365 Sampling In EPA SW-8	(feet) 7.33 7.49 2.50 2.53 7.81 7.89 7.97 formation:	(°C) 17.37 16.39 16.35 17.11 17.12 17.25 SVOC VOC's	6.90 6.95 6.95 6.96 6.94 6.95 PAH'S	(mV) -129 -159 -160 -165 -161 -156	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53	(NTU) 78,6 45.6 57.7 52.4 35.0 15.1 10,2 2-100 ml am 3-40 ml via 1-250 ml pla	(mg/L)	(g/L) 1.58 1.64 1.64 1.63 1.62 1.62 1.62 1.60 No
1235 1240 1245 1255 1300 1365 1365 Sampling In EPA SW-8 EPA SW-8	(feet) 7.33 7.49 2.50 2.53 7.81 7.89 7.97 formation: 46 Method 8270 346 Method 826 346 Method 901	(°C) 17.37 16.39 16.35 17.11 17.41 17.12 17.25 SVOC 0 VOC's 2 Total C	6.90 6.95 6.95 6.96 6.94 6.95 PAH'S	(mV) -129 -159 -160 -165 -161 -156	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53 2.52	(NTU) 78,6 45.6 57.7 52.4 35.0 15.1 10.2 2 - 100 ml ami 3 - 40 ml via 1 - 250 ml pla	(mg/L) O.OO O.OO	(g/L) 1.58 1.64 1.64 1.63 1.62 1.62 1.62 1.60 No ss No No ckup
1235 1240 1245 1255 1300 1365 1365 1365 EPA SW-8 EPA SW-8 EPA SW-8	(feet) 7, 33 7, 49 2, 50 7, 53 7, 81 7, 89 7, 97 7, 97 46 Method 8270 846 Method 826 846 Method 901 MW-1-1	(°C) 17.37 16.39 16.35 17.11 17.41 17.12 17.25 SVOC 0 VOC's 2 Total C	6.90 6.95 6.95 6.96 6.94 6.95 PAH's	(mV) -129 -159 -160 -165 -161 -156 -155	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53 2.52	(NTU) 78,6 45.6 57.7 52.4 35.0 15.1 10.2 2 - 100 ml ami 3 - 40 ml via 1 - 250 ml pla	(mg/L)	(g/L) 1.58 1.64 1.64 1.63 1.62 1.62 1.62 1.60 No ss No No ckup
1235 1240 1245 1255 1300 1365 1365 Sampling In EPA SW-8 EPA SW-8	(feet) 2.33 7.49 2.50 2.53 7.81 7.89 7.97 7.97 646 Method 8276 846 Method 826 846 Method 901 MW-1-1 //305	(°C) 17.37 16.39 16.35 17.11 17.41 17.12 17.25 SVOC 0 VOC's 2 Total C	6.90 6.95 6.95 6.96 6.94 6.95 6.95 PAH's BTEX yanide	(mV) -129 -159 -160 -165 -161 -156 -155	(mS/cm) 2.45 2.57 2.57 2.56 2.59 2.53 2.52	(NTU) 78,6 45.6 57.7 52.4 35.0 15.1 10.2 2 - 100 ml ami 3 - 40 ml via 1 - 250 ml pla	bers Yeastic Years Courier Picoff Albany Serving	(g/L) 1.58 1.64 1.64 1.63 1.62 1.62 1.62 1.60 No ss No No ckup

\\svrrmt88-vm3\syracuse-01\Dashboard\Planning\900013.xlsm

Sconondoa Street, Oneida New York	
Sampling Personnel: Pur Lysn	Date: 3/14/2\
	Weather: 64 Sunay
	Time In: 1141 Time Out: 1130
Well Id. MW-2	
Well Information TOC Depth to Water: (feet) 6.70 Depth to Bottom: (feet) 17.66 Depth to Product: (feet) Length of Water Column: (feet) 11.06 Volume of Water in Well: (gal) 1.76 Three Well Volumes: (gal) 5.30	Other Well Type: Flushmount Stick-Up Well Locked: Yes No No No Well Material: PVC SS Other: Well Diameter: 1" 2" Other: Comments:
Purging Information Purging Method: Tubing/Bailer Material: Sampling Method: Average Pumping Rate: Perista Perista Perista Perista Perista	St. Polyethylene of 0.04 0.16 0.66 1.47
Duration of Pumping: (min) 30 Total Volume Removed: (gal) 2	Did well go dry? Yes No X es No □
Time DTW Temp pH	ORP Conductivity Turbidity DO TDS
(feet) (°C)	(mV) (mS/cm) (NTU) (mg/L) (g/L)
1145 6.80 18.04 7.36	124 .504 14.3 0.71 .323
1150 682 12.83 7.21	118
1155 6.82 17.89 7.17	116 .537 6.0 0.00 .393
	116 0.559 5.4 0.00 .358
1205 6.82 17.58 7.19	17/ 17/2/ 27/ 0.26/ 32/
1210 6.82 18.09 7.12	108 .599 2.8 0.00 3.84
1215 6.82 18.15 7.11	102 - 371 - 2 - 3
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 FD-1021 Sample ID: MW-2-1021 Duplicate? Sample Time: 1215 MS/MSD?	4 - 100 ml ambers Yes No
Comments/Notes:	Laboratory: Pace Analytical Greensburg, PA

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				<u></u>	Date: \0/1	4/2)	<u> </u>	-
Sampling Perso		Lyon				5° Cloudy		
Job Number:	0603275-132	2410-221		., <u>.</u>			Time Out:	135
Well Id.	MW-3			<u> </u>	Time In: 10	55	Time Out.	123
Well Infor	mation	<u>-</u>	T00	Other	Well Type:	Flush	mount X St	ck-Up
			TOC 1.96	Other	Well Locked		Yes	No
Depth to Water			14.13		Measuring Po	int Marked:	Yes	No
Depth to Bottor Depth to Produ		(feet)			Well Materia		SSOthe	
Length of Water		(feet)	7.27		Well Diamet	er: 1"	2" X Othe	r:
Volume of Wat		(gal)	1.48		Comments:			
Three Well Vo		(gal)	4.44			·		
Purging In	formation						Conversion Fa	actors
	.al.	Bailer	Peristaltic	Grund	fos Pump	gai/ft.	1" ID 2" ID	4" ID 6" ID
Purging Metho Tubing/Bailer		Teflon	Stainless St.		yethylene X	of		0.00
Sampling Met		Bailer	Peristaltic	Grund	fos Pump	water	0.04 0.16	0.66 1.47
Average Pump			200			1 gallo	on=3.785L=3785ml	_=133/cu. teet
Duration of Pu		(min)	36			7		
Total Volume	Removed:	(gal)		id well go dry?	Yes No	X I		
Horiba U-52 V	Vater Quality N	feter Used?	Yes	∑ No				
Time	DTW	Temp	pН	ORP	Conductivity	Turbidity	DO (1)	TDS (g/L)
	(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L) 2.27	1342
1100	5.02	19.19	7.23	65	.534	4.3 17.4	2.90	-333
1165	5.11	19.30	7.22	89	,526	17.5	3.04	-336
1110	5.15	19.33	7.22	163	.521	6.1	3.20	-333
1/15	5.18	19.41	7.21	104	.523	4.6	2.86	.335° .337
1120	5.24	19.50	7.20	106	.527	4.0		
1135	5.26	19.57	7.20	109	.527	3. <i>0</i>	2.37	.338
1125	5.22						<u> </u>	
		ļ						
		<u></u>		<u> </u>		1		
Sampling In	formation:							
	140 Mathad 007/	SVOC	PAH's			2 - 100 ml am		S No
41	346 Method 8270 846 Method 826					3 - 40 ml via		s No
ll .	846 Method 901	_				1 - 250 ml pla	astic Ye	s No L
EFA SVV-	OTO MICHIOU OUT	_ ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•	<u></u>	— <u>a</u> :			
Sample ID:	MW-3-1		uplicate?	Yes No	- }		Pace Courier Pic	
Sample Time		M	S/MSD?	Yes No	<u> </u>	Drop-	off Albany Servio	
Comments/N						Laboratory:	Pace Ar	nalytical
							Greenst	ourg, PA Page 10 o
\\svrrmt88-vm3\	syracuse-01\Dash	board\Planning\9	00013.xlsm		يـــا			

Sconondoa Stre								
Carreling Porce	annol: 2i.	chon			Date: 10/1	4/21		
Sampling Person					Weather: 6	3 Cloudy		
Job Number:	0603275-13	2410-221			Time In: 10		Time Out:	050
Well Id.	MW-4	<u> </u>			time in jo			
Well Info	rmation							
vven mo	madon		TOC	Other	Well Type:			tick-Up
Depth to Water	r:	(feet)	5.60		Well Locked		Yes	No No
Depth to Botton		(feet)	13.34		Measuring Po		Yes X	I
Depth to Produ	uct:	(feet)			Well Materia Well Diamet	···	2" \ Othe	
Length of Wate			1.23		Comments:			
Volume of Wat		(gal) (gal)	3.71					
Three Well Vo	numes.	(gai)). //					
Purging In	formation					 	Conversion F	actors
		 F			_ []	1,,,,,	1" ID 2" ID	4" ID 6" ID
Purging Metho		Bailer	Peristaltic		os Pump	gal/ft. of	1 10 2 10	7 10 0 10
Tubing/Bailer		Teflon	Stainless St.		ethylene os Pump	water	0.04 0.16	0.66 1.47
Sampling Met		(ml/min)	Peristaltic	Grandin)S1 (IIII)		n=3.785L=3785m	L=1337cu. feet
Average Pump Duration of Pu		(1110771117)	30					
Total Volume		(gal)		d well go dry?	Yes No	X		
			Yes	No□)			
Horiba U-52 V	Water Quality N	vieter osca:						
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
Time	DTW (feet)	Temp (°C)	рН	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
	(feet)	(°C)	7.11	(mV) -29	(mS/cm) - 663	(NTU) 4.5	(mg/L)	(g/L) , 425
Time 1015		(°C) 19.01 18.62	7.11	(mV) -29 -89	(mS/cm) -663 -669	(NTU) 4.5 4.6	(mg/L) 0.00 0.00	(g/L) , 425 , 428
1015	(feet) 5.85 5.86 5.89	(°C) 19.01 18.62 18.29	7.11 7.06 2.05	(mV) -29 -89 -90	(mS/cm) .663 .669	(NTU) 4.5 4.6 4.1	(mg/L) 0.00 0.00 0.00	(g/L) , 425
1015 1620 1025 1030	(feet) 5.85 5.86 5.89 5.91	(°C) 19.01 18.62 18.29 18.06	7.11 7.06 2.05 7.05	(mV) -29 -89 -90 -90	(mS/cm) .663 .669 .674 .676	(NTU) 4.5 4.6 4.1 3.6	(mg/L) 0.00 0.00 0.00	(g/L) .425 .428 -431 -433
1015 1620 1025 1030 1035	(feet) 5.85 5.86 5.89 5.91 5.93	(°C) 19.01 18.62 18.29 18.06 18.03	7.11 7.06 2.05 7.05 7.04	(mV) -29 -89 -90 -90	(mS/cm) .663 .669 .674 .676	(NTU) 4.5 4.6 4.1	(mg/L) 0.00 0.00 0.00 0.00	(g/L) , 435 , 428 -431
1015 1620 1025 1030 1035 1040	(feet) 5.85 5.86 5.89 5.91 5.93 5.94	(°C) 19.01 18.62 18.29 18.06 18.03 18.03	7.11 7.06 2.05 7.05 7.04 7.04	(mV) -29 -89 -90 -90	(mS/cm) .663 .669 .674 .676 .676	(NTU) 4.5 4.6 4.1 3.6 3.3	(mg/L) 0.00 0.00 0.00	(g/L) .435 .428 -431 -433
1015 1620 1025 1030 1035	(feet) 5.85 5.86 5.89 5.91 5.93	(°C) 19.01 18.62 18.29 18.06 18.03	7.11 7.06 2.05 7.05 7.04	(mV) -29 -89 -90 -90 -91	(mS/cm) .663 .669 .674 .676	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) , 425 , 424 -431 -433 -433
1015 1620 1025 1030 1035 1040	(feet) 5.85 5.86 5.89 5.91 5.93 5.94	(°C) 19.01 18.62 18.29 18.06 18.03 18.03	7.11 7.06 2.05 7.05 7.04 7.04	(mV) -29 -89 -90 -90 -91	(mS/cm) .663 .669 .674 .676 .676	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) , 425 , 424 -431 -433 -433
1015 1620 1025 1030 1035 1040	(feet) 5.85 5.86 5.89 5.91 5.93 5.94	(°C) 19.01 18.62 18.29 18.06 18.03 18.03	7.11 7.06 2.05 7.05 7.04 7.04	(mV) -29 -89 -90 -90 -91	(mS/cm) .663 .669 .674 .676 .676	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) , 425 , 424 -431 -433 -433
1015 1620 1025 1030 1035 1040	(feet) 5.85 5.86 5.89 5.91 5.93 5.94	(°C) 19.01 18.62 18.29 18.06 18.03 18.03	7.11 7.06 2.05 7.05 7.04 7.04	(mV) -29 -89 -90 -90 -91	(mS/cm) .663 .669 .674 .676 .676	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) , 425 , 424 -431 -433 -433
1015 1620 1025 1030 1035 1040 1045	(feet) 5.85 5.86 5.89 5.91 5.93 5.94 3.94	(°C) 19.01 18.62 18.29 18.06 18.03 18.03	7.11 7.06 2.05 7.05 7.04 7.04	(mV) -29 -89 -90 -90 -91	(mS/cm) .663 .669 .674 .676 .676	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) , 425 , 424 -431 -433 -433
1015 1620 1025 1030 1035 1040	(feet) 5.85 5.86 5.89 5.91 5.93 5.94 3.94	(°C) 19.01 18.62 18.29 18.06 18.03 18.03	7.11 7.06 2.05 7.05 7.04 7.04	(mV) -29 -89 -90 -90 -91	(mS/cm) .663 .669 .674 .676 .676	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) , 425 , 424 - 431 - 433 - 432 - 432
1015 1620 1025 1030 1035 1040 1045	(feet) 5.85 5.86 5.89 5.91 5.93 5.99 5.99	(°C) 19.01 18.62 18.29 18.06 18.03 18.09 18,14	7.11 7.06 2.05 7.05 7.04 7.04 7.03	(mV) -29 -89 -90 -90 -91	(mS/cm) .663 .669 .674 .676 .676	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3	(mg/L) O:OO O:OO	(g/L) .425 .429 -431 -433 -432 -432
1015 1020 1025 1030 1035 1040 1045 Sampling In	(feet) 5.85 5.86 5.89 5.91 5.93 5.94 3.94	(°C) 19.01 18.62 18.06 18.06 18.03 18.09 18,19	7.11 7.06 2.05 7.05 7.04 7.04 2.03	(mV) -29 -89 -90 -90 -91	(mS/cm) .663 .669 .674 .676 .676	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3 3.0 2-100 ml am 3-40 ml vis	(mg/L) O.OO O.OO O.OO O.OO O.OO O.OO O.OO Very start of the st	(g/L) .425 .428 .437 .433 .433 .432 .432
1015 1620 1025 1030 1035 1040 1045 Sampling In	(feet) 5.85 5.86 5.89 5.91 5.93 5.99 5.99	(°C) 19.01 18.62 18.06 18.03 18.09 18,19 SVOC VOC's	7.11 7.06 2.05 7.05 7.04 7.04 7.03 PAH's	(mV) -29 -89 -90 -90 -91	(mS/cm) .663 .669 .674 .676 .676	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3 3.0	(mg/L) O.OO O.OO O.OO O.OO O.OO O.OO O.OO Very start of the st	(g/L) .425 .429 -431 -433 -432 -432
1015 1620 1025 1030 1035 1040 1045 Sampling In	(feet) 5.85 5.86 5.89 5.91 5.93 5.94 3.94 3.94 846 Method 8270 846 Method 826 846 Method 901	(°C) 19.01 18.62 18.06 18.03 18.09 18,09 18,19 SVOC 0 VOC's Total C	7. 1/ 7.06 2.05 7.05 7.04 7.04 7.03 PAH's BTEX yanide	(mV) -29 -89 -90 -90 -91	(mS/cm) .663 .667 .674 .676 .676 .675 .675	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3 3.0 2-100 ml am 3-40 ml via 1-250 ml pla	(mg/L) O: OO O	(g/L) .425 .428 .433 .433 .432 .432 .432 .432
1015 1620 1025 1030 1035 1040 1045 EPA SW-8 EPA SW-8 EPA SW-8 EPA SW-8	(feet) 5.85 5.86 5.89 5.91 5.93 5.94 3.94 3.94 anformation: 846 Method 8270 846 Method 826 846 Method 901	(°C) 19.01 18.62 18.06 18.03 18.03 18.09 18.19 SVOC 0 VOC's 2 Total C	7. 1/ 7.06 2.05 7.05 7.04 7.04 7.04 7.03 PAH's BTEX yanide	(mV) -29 -89 -90 -90 -91 -91	(mS/cm) .663 .667 .674 .676 .676 .675 .675	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3 3.0 2-100 ml aml 3-40 ml via 1-250 ml pla	(mg/L) O.OO O.OO O.OO O.OO O.OO O.OO O.OO Very start of the st	(g/L) . 425 . 427 . 433 . 433 . 432 . 432 . 432 . 8 No . No . No . No
1015 1020 1025 1030 1035 1040 1045 EPA SW-EPA SW-E	(feet) 5.85 5.86 5.89 5.91 5.93 5.94 3.94 3.94 anformation: 846 Method 8270 846 Method 826 846 Method 901	(°C) 19.01 18.62 18.06 18.03 18.03 18.09 18.19 SVOC 0 VOC's 2 Total C	7. 1/ 7.06 2.05 7.05 7.04 7.04 7.03 PAH's BTEX yanide	(mV) -29 -89 -90 -90 -91	(mS/cm) .663 .667 .674 .676 .676 .675 .675	(NTU) 4.5 4.6 4.1 3.6 3.3 3.3 3.0 2-100 ml aml 3-40 ml via 1-250 ml pla	bers Ye astic Year Coff Albany Service	(g/L) . 425 . 427 . 433 . 433 . 432 . 432 . 432 . 8 No . No . No . No

\\svrrmt88-vm3\syracuse-01\Dashboard\Planning\900013.xlsm

Sconondoa Street	t, Oneida Nei	w York							
Sampling Person	nel: Pikes	LYON		· · · - · - · - · · - ·	Date: 10	14/21			
	0603275-132	•			Weather: (,5 Cloudy	<u>.</u>		
OOD ITOINIST	NW-5			,	Time In: 39	29	Time Out: 1	005	
Well Id. N	//VV-0								
Depth to Water: Depth to Bottom: Depth to Product Length of Water Volume of Water	: Column:	(feet) 1 (feet) 1 (feet) (feet) (gal)	5.87 16.10	Other	Well Type: Well Locked Measuring Po Well Materia Well Diame Comments:	l: pint Marked: al: PVC	Yes X	1	
Three Well Volu		(gal) L	1.91						
Purging Info Purging Method Tubing/Bailer M Sampling Method Average Pumpir Duration of Pum Total Volume R	: aterial: od: ng Rate: nping:			Polyi Grundfo	es Pump ethylene os Pump Yes No	gal/ft. of water 1 gallo		4" ID 6" ID 0.66 1.47	
Horiba U-52 Wa	ater Quality N	Neter Used?	Yes	No					
				ORP	Conductivity	Turbidity	DO	TDS	
Time	DTW	Temp	рН	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)	
0.75	(feet)	(°C) 18.83	7.04	-6	.784	39.2	૦.૦ત્રે	.503	
0930	6.08	18.99	6.86	0	.781	11.9	0.00	.499	
0940	6.11	19.12	6.82	14	.766	3.2	0.00	.487	
0975	6.14	19.21	6.82	21	.761	1.9	0.00	.488	
0950	6.14	19.23	6.81	30 34	0766	1.6	0.00	,490	
0955	6.15	19.25	6.81	36	.770	1./_	6.00	.493	
1000	6.17	19.25	2,00						
				<u></u>					
EPA SW-84	6 Method 8270 6 Method 826 6 Method 901	0 VOC's	BTEX			2 - 100 ml am 3 - 40 ml via 1 - 250 ml pla	als Yes	No No No	
Sample ID:	MW-5-1	021 D	uplicate? S/MSD?	Yes No No No	\$		Pace Courier Pic off Albany Servic		
	Comments/Notes: Laboratory: Pace Analytical Greensburg, PA Page 12 of 2								

Sampling Per	sonnel: P	tel Lyon			Date: 0	live 21		
Job Number:	0603275-1				Weather:	64° SWAY		
Well Id.	MW-6				Time In:	318	Time Out:	1406
Well Id.	1,111-0							
Well Inf	ormation						52	
			TOC	Other	Well Type			tick-Up
Depth to Wat		(feet)		5.91	Well Lock	ed: Point Marked:	Yes Yes	No No
Depth to Botto		(feet)	14.25		Well Mate		SSOth	
Depth to Proc Length of Wa		(feet)	7.34		Well Diam		2" Oth	
Volume of Wa		(gal)	Comments	s:				
Three Well V	olumes:	(gal)	3.52					
					· · · · · · · · · · · · · · · · · · ·			
Purging I	nformation	•					Conversion F	actors
Purging Meth	od:	Bailer	Peristaltic	Grundf	os Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer		Teflon	Stainless St.	<u></u>	yethylene	of		
Sampling Me		Bailer	Peristaltic		os Pump	water	0.04 0.16	0.66 1.47
Average Pum		(ml/min)	2 कु			1 gall	on=3.785L=3785m	L=1337cu. feet
Duration of P			36			। ज्या		
Total Volume	Removed:	(gal)		id well go dry?	Yes No			
Horiba U-52	Water Quality I	Meter Used?	Yes	No.				
								TD0 I
Time	DTW	Temp	рН	ORP	Conductivity	-	DO (mg/L)	TDS
	(feet)	(°C)		ORP (mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1320	(feet) 5.44	(°C) 12.57	7.17	(mV) -75	(mS/cm)	(NTU) 18,8	(mg/L)	(g/L) =396
1320	(feet) 5.44 5,84	(°C) 17.57 17.38	7.17 6.77	(mV) -75 -175	(mS/cm) • 617 • 644 • 650	(NTU) 18,8 8.1 7.6	(mg/L)	(g/L) -396 -413 -416
1320	(feet) 5.44	(°C) 17.57 17.38 17.54 17.84	7.17	(mV) -75	(mS/cm) • 617 • 644 • 650 • 649	(NTU) 18.8 8.1 7.6 5.1	(mg/L) 0.00 0.00 0.00	(g/L) -396 -413 -416 -415
1320 1325 1330 1335 1340	(feet) 5.44 5.84 5.92 6.09 6.18	(°C) 17.57 17.38 12.54 17.89 18.07	7.17 6.77 6.74 6.71 6.68	(mV) -75 -175 -182 -176 -166	(mS/cm) .617 .644 .650 .649 .648	(NTU) 18,8 8.1 7.6 5.1 3.9	(mg/L) 0.00 0.00 0.00 0.00	(g/L) -396 -413 -416 -415
1320 1325 1330 1335 1340 1345	(feet) 5.44 5.84 5.92 6.09 6.18	(°C) 17.57 17.38 17.54 17.84 18.07 18.05	7.17 6.77 6.74 6.71 6.68 6.66	(mV) -75 -175 -182 -176 -166 -158	(mS/cm) .617 .644 .650 .649 .658	(NTU) 18,8 8.1 7.6 5.1 3.9	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) -396 -413 -416 -415 -415 -417
1320 1325 1330 1335 1340	(feet) 5.44 5.84 5.92 6.09 6.18	(°C) 17.57 17.38 12.54 17.89 18.07	7.17 6.77 6.74 6.71 6.68	(mV) -75 -175 -182 -176 -166	(mS/cm) .617 .644 .650 .649 .648	(NTU) 18.8 8.1 7.6 5.1	(mg/L) 0.00 0.00 0.00 0.00	(g/L) -396 -413 -416 -415
1320 1325 1330 1335 1340 1345	(feet) 5.44 5.84 5.92 6.09 6.18	(°C) 17.57 17.38 17.54 17.84 18.07 18.05	7.17 6.77 6.74 6.71 6.68 6.66	(mV) -75 -175 -182 -176 -166 -158	(mS/cm) .617 .644 .650 .649 .658	(NTU) 18,8 8.1 7.6 5.1 3.9	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) -396 -413 -416 -415 -415 -417
1320 1325 1330 1335 1340 1345	(feet) 5.44 5.84 5.92 6.09 6.18	(°C) 17.57 17.38 17.54 17.84 18.07 18.05	7.17 6.77 6.74 6.71 6.68 6.66	(mV) -75 -175 -182 -176 -166 -158	(mS/cm) .617 .644 .650 .649 .658	(NTU) 18,8 8.1 7.6 5.1 3.9	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) -396 -413 -416 -415 -415 -417
1320 1325 1330 1335 1340 1345	(feet) 5.44 5.84 5.92 6.09 6.18	(°C) 17.57 17.38 17.54 17.84 18.07 18.05	7.17 6.77 6.74 6.71 6.68 6.66	(mV) -75 -175 -182 -176 -166 -158	(mS/cm) .617 .644 .650 .649 .648	(NTU) 18,8 8.1 7.6 5.1 3.9	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) -396 -413 -416 -415 -415 -417
1320)325 1330 1335 1340 1345 1350	(feet) 5.44 5.84 5.92 6.09 6.18 6.24 6.30	(°C) 17.57 17.38 17.54 17.84 18.07 18.05	7.17 6.77 6.74 6.71 6.68 6.66	(mV) -75 -175 -182 -176 -166 -158	(mS/cm) .617 .644 .650 .649 .648	(NTU) 18,8 8.1 7.6 5.1 3.9	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) -396 -413 -416 -415 -415 -417
1320 1325 1330 1335 1340 1345	(feet) 5.44 5.84 5.92 6.09 6.18 6.24 6.30	(°C) 17.57 17.38 17.54 17.84 18.07 18.05	7.17 6.77 6.74 6.71 6.68 6.66	(mV) -75 -175 -182 -176 -166 -158	(mS/cm) .617 .644 .650 .649 .648	(NTU) 18,8 8.1 7.6 5.1 3.9	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) -396 -413 -416 -415 -415 -417
1320)325 1330 1335 1340 1345 1350	(feet) 5.44 5.84 5.92 6.09 6.18 6.24 6.30	(°C) 17.57 17.38 17.54 17.84 18.07 18.05 18.1/	7.17 6.77 6.74 6.68 6.66 6.69	(mV) -75 -175 -182 -176 -166 -158	(mS/cm) .617 .644 .650 .649 .648	(NTU) 18.8 8.1 7.6 5.1 3.9 3.4 2.9	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) -396 -413 -415 -415 -415 -417
320 325 330 335 340 345 350 Sampling Ir	(feet) 5.44 5.84 5.92 6.09 6.18 6.24 6.30 aformation:	(°C) 17.57 17.38 12.54 17.89 18.05 18.11	7.17 6.77 6.74 6.71 6.68 6.69	(mV) -75 -175 -182 -176 -166 -158	(mS/cm) .617 .644 .650 .649 .648	(NTU) 18,8 8.1 7-6 5.1 3.9 3.4 2.9	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(g/L) -396 -413 -416 -415 -415 -417 -418
320 325 330 335 340 345 350 Sampling Ir EPA SW-8	(feet) 5, 44 5, 84 5, 92 6, 09 6, 18 6, 24 6, 30 Information: 346 Method 8270 846 Method 8260	(°C) 17.57 17.38 12.54 17.89 18.05 18.05 18.1/	7.17 6.77 6.74 6.68 6.66 6.64	(mV) -75 -175 -182 -176 -166 -158	(mS/cm) .617 .644 .650 .649 .648	(NTU) 18.8 8.1 7.6 5.1 3.9 3.4 2.9	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	(g/L) -396 -413 -415 -415 -415 -417
320 325 330 335 340 345 350 Sampling Ir EPA SW-8	(feet) 5.44 5.84 5.92 6.09 6.18 6.24 6.30 aformation:	(°C) 17.57 17.38 12.54 17.89 18.05 18.05 18.1/	7.17 6.77 6.74 6.68 6.66 6.64	(mV) -75 -175 -182 -176 -166 -158	(mS/cm) .617 .644 .650 .649 .648	(NTU) 18,8 8.1 7.6 5.1 3.9 3.4 2.9 2-100 ml aml 3-40 ml via	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	(g/L) -396 -413 -416 -415 -415 -417 -418
320 325 330 335 340 345 350 Sampling Ir EPA SW-8	(feet) 5, 44 5, 84 5, 92 6, 09 6, 18 6, 24 6, 30 Information: 346 Method 8270 846 Method 8260	(°C) /7.57 /7.38 /7.38 /7.89 /8.05 /8.05 /8.1/ 0 SVOC I 0 VOC's Total Cy	7./7 6.77 6.74 6.71 6.68 6.66 6.69	(mV) -75 -175 -182 -176 -166 -158	(mS/cm) .617 .644 .650 .649 .652 .654	(NTU) 18,8 8.1 7.6 5.1 3.9 3.4 2.9 2.9 2-100 ml aml 3-40 ml via 1-250 ml pla	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	(g/L) -396 -4/3 -4/6 -4/5 -4/5 -4/7 -4/8
1320 1325 1330 1335 1340 1345 1350 Sampling Ir EPA SW-6 EPA SW-6	(feet) 5, 44 5, 84 5, 94 6, 09 6, 18 6, 24 6, 30 of ormation: 846 Method 8270 846 Method 8260 846 Method 901:	(°C) /7.57 /7.38 /7.38 /7.89 /8.05 /8.05 /8.1/ 0 SVOC I 0 VOC's Total Cy	7./7 6.77 6.74 6.71 6.68 6.66 6.69	(mV) -75 -175 -182 -176 -166 -158 -153	(mS/cm) .617 .644 .650 .649 .652 .654	(NTU) 18,8 8.1 7.6 5.1 3.9 3.4 2.9 2.9 2-100 ml aml 3-40 ml via 1-250 ml pla	(mg/L) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	(g/L) -396 -4/3 -4/6 -4/5 -4/5 -4/7 -4/8
1320 1325 1330 1335 1340 1345 1350 Sampling Ir EPA SW-6 EPA SW-6 EPA SW-6	(feet) 5.94 5.84 5.92 6.09 6.18 6.29 6.30 aformation: 846 Method 8270 846 Method 8260 846 Method 901:	(°C) /7.57 /7.38 /7.38 /7.89 /8.05 /8.05 /8.1/ 0 SVOC I 0 VOC's Total Cy	7./7 6.77 6.74 6.71 6.68 6.66 6.69	(mV) -75 -175 -182 -176 -166 -158 -153	(mS/cm) .617 .644 .650 .649 .652 .654	(NTU) 18,8 8.1 7.6 5.1 3.9 3.4 2.9 2.9 2-100 ml aml 3-40 ml via 1-250 ml pla	(mg/L) O. 00 O	(g/L) -376 -4/3 -4/5 -4/5 -4/5 -4/7 -4/8 No No No No No

Sconondoa Stre	et, Onclua Ne	W TOIR						
Sampling Perso	nnel·	V	<u> </u>		Date:	0/14/24		
	0603275-13	2410-221			Weather:	Cwan	63	
Job Number:		2410-221		· · · · · · · · · · · · · · · · · · ·	Time In:	19:30	Time Out:	10-10
Well Id.	MW-7	- <u></u>						
Well Infor	mation						1	
				Other	Well Type	-	K7	ick-Up
Depth to Water:			1.17		Well Lock		Yes Yes	No No
Depth to Botton		- <u> </u>	37.20		Measuring Well Mate	Point Marked: erial: PVC		
Depth to Produ		(feet)	23		Well Dian	۴	2" Othe	
Length of Wate		(feet)	1-93		Comment	<u></u>		
Volume of Water		(gal) - (gal) 2	2.51		•			
Three Well Vol	umes.	(gai)	2.4					
Purging Inf	ormation					<u> </u>	Conversion F	octore
					_ =		Conversion Fa	4" ID 6" ID
Purging Method		Bailer	Peristaltic		os Pump	gal/ft. of	1 10 2 10	7 10 0 10
Tubing/Bailer N		Teflon	Stainless St.		ethylene X	water	0.04 0.16	0.66 1.47
Sampling Meth		Bailer	Peristaltic	Grundi	os Punip	1	n=3.785L=3785m	
Average Pump		(ml/min)	30					
Duration of Pur Total Volume F		(min) (gal)		d well go dry?	Yes N	۰		
				No		4		
Horiba U-52 W	ater Quality N	leter Used?	Yes					
		T	Hq	ORP	Conductivity	/ Turbidity	DO	TDS
Time	DTW (fact)	Temp (°C)	рп	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1000	(feet) 24.98	13.91	7.17	-71	1.28	21.7	9-79	0.87
07.33	25-23	12.69	10.95	-42	1.48	6.2	9.26	0.946
00 25	25.23	13.23	679	-46	1.50	+54	320	0.759
19-50	25:23	13-14	6.79	-48	1.50	13.1	1.61	074
19-55	25.27	13.09	6-79	-47	1-50	37	6.41	0.96
10:00	35.83	13.01	60.80	30	1.51	0.6	6.47	0.761
10:05	25.23	12.97	6-20	-51	1.51	2.7	6.01	0.409
				 		+		
	<u></u>	<u> </u>						
<u> </u>								
Sampling Inf	ormation:							
EPA SW-84	16 Method 8270	svoc	PAH's			2 - 100 ml aml		No No
EPA SW-84	46 Method 8260					3 - 40 ml via		No No
EPA SW-8	46 Method 9012	2 Total C	yanide			1 - 250 ml pla	500 TE	*KN 140 L
	BALSE 7 44	194 D	uplicate?	Yes No No	7	Shipped: F	ace Courier Pic	kup 🔀
Sample ID: Sample Time:	MW-7-10		spilicate: S/MSD?	Yes No	*		off Albany Servic	
						Laboratory:	Pace Ar	nalytical
Comments/No	otes:					,	Greensb	ourg, PA Page 14 of
	macuco01\Dash	t	00012 viem		l l			Page 14 of

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Sconondoa Street, Oneida New	York		1 1		
Sampling Personnel: Petel	Lyon	Date:			
Camping .	•		her: 63 over cas)	^	236
Job Number: 0603275-1324	10-221	 Time	In: 0846	Time Out: 04	100
Well Id. MW-ES-8					
Depth to Water: Depth to Bottom: Depth to Product: Length of Water Column: Volume of Water in Well: Three Well Volumes:	TOC O (feet) 6.99 (feet) 14.10 (feet) 7.12 (gal) 1.13 (gal) 3.46	Well Meas Well Well	Type: Flushn Locked: suring Point Marked: Material: PVC Diameter: 1"	Yes Yes	
Three Well Volumes:					
Purging Information Purging Method: Tubing/Bailer Material: Sampling Method: Average Pumping Rate: Duration of Pumping: Total Volume Removed:	(921)]	Polyethylene Grundfos Pump	of water		4" ID 6" ID 0.66 1.47
Horiba U-52 Water Quality N	leter Osea:				TDS
Time DTW (feet) 0856 8.23 0855 8.30 0900 8.34 0905 8.35 0910 8.36 0915 8.38 0920 8.40	Temp (°C) 18.74 6.93 18.45 6.83 17.90 6.78 17.69 6.78 17.61 6.75 17.56 6.75 17.55 6.74	(mV) (ms) 1/30 1/2 1/3 37 34 1 30	Turbidity S/cm (NTU) (DO (mg/L) 4. Fo 3. 90 3.13 2.63 2.06 1.48 1.05	(g/L) .576 .577 .587 .608 .662 .726 .816
Sampling Information: EPA SW-846 Method 827 EPA SW-846 Method 826 EPA SW-846 Method 901 Sample ID: MW-ES-8 Sample Time:	VOC's BTEX Total Cyanide	Yes No No No No	2 - 100 ml ar 3 - 40 ml v 1 - 250 ml p Shipped: Drop Laboratory:	ials Ye lastic Ye Pace Courier Pic off Albany Servi	ce Center
Comments/Notes:			Laboratory:	Greens	burg, PA Page 15 of

Sconondoa Street, Offeida New York	
Sampling Personnel:	Date: /0/14/2/
Job Number: 0603275-132410-221	Weather: Cursu 63
	Time In: 10:10 Time Out: 10:55
Well Id. MW-9	
Well Information	
TOC Other	Well Type: Flushmount Stick-Up
Depth to Water: (feet) 24.60	Well Locked: Yes No
Depth to Bottom: (feet) 40.50	Measuring Point Marked: Yes No No Other:
Depth to Product: (feet)	Well Material: PVC SS Other: Other: 4"
Length of Water Column: (feet) 15-9	Comments:
Volume of Water in Well: (gal) 10-94 Three Well Volumes: (gal) 31-44	
Tillee Well Voluntes. (gail)	
Purging Information	,
	Conversion Factors
Purging Method: Bailer Peristaltic Grundfos	yanı.
Tubing/bailer Material.	thylene of 0.04 0.16 0.66 1.47
Sampling Method: Bailer Peristaltic Grundfos	1 gallon=3.785L=3785mL=1337cu. feet
Average Pumping Rate: (ml/min) 251 Duration of Pumping: (min) 36	
Duration of Pumping: (min) 36 Total Volume Removed: (gal) Did well go dry?	Yes No
Total Total	- - - -
Horiba U-52 Water Quality Meter Used? Yes No	
Time DTW Temp pH ORP	Conductivity Turbidity DO TDS
Time	(mS/cm) (NTU) (mg/L) (g/L)
10:15 24.63 14.91 7.24 -93	0-733 1504 701 0-791
10:20 24.90 13.99 7.23 -72	0.943 213 1.58 0.60
10:25 24.90 13.84 7.32 -95	0.822 23.7 0.82 0.526 0.814 13.4 0.72 0.522
10:30 24-90 13-74 7:34 -98	0.814 23.1 0.69 0.519
13:33 24.90 13.83 7.34 -91	0.80 31-1 0.62 0.518
13.40 34.90 13.44 1.31 -34	0.808 199 0.61 0.517
10.91 24.90 13.81 7.30	
Sampling Information:	
	6 - 100 ml ambers Yes No
EPA SW-846 Method 8270 SVOC PAH's	9 - 40 ml vials Yes No
EPA SW-846 Method 8260 VOC's BTEX FPA SW-846 Method 9012 Total Cyanide	3 - 250 ml plastic Yes No
EPA SW-846 Method 9012 Total Cyanide MW-9-MS-1021 MW-9-MSD-1021	· <u></u>
Sample ID: MW-9-1021 Duplicate? Yes No	Shipped: Pace Courier Pickup
Sample Time: 10:43 MS/MSD? Yes No	Drop-off Albany Service Center
Comments/Notes:	Laboratory; Pace Analytical
Comments/Notes.	Greensburg, PA
\\currmt88-vm3\syracuse-01\Dashboard\Planning\900013.xlsm	11 F48C 10 01 2

Sampling Pers	onnel:	<u>k</u>			Date: /	0/14/2		
Job Number:	0603275-13	32410-221			Weather:	5 mg	75	
Well Id. N	IW-ES-10S				Time In:	12:50	Time Out:	13:35
Well Info	ormation							F1
			TOC	Other	Well Type:		hmount S	tick-Up
Depth to Water		(feet)	<u> 7 - スラ</u> 14.50 _		Well Locke	eo: Point Marked:	Yes	No
Depth to Botto Depth to Prod		(feet)	14.50		Well Mater			· · · · L
Length of Wat		(feet)	7.28		Well Diam	eter: 1"	2" Oth	er:
Volume of Wa		(gal)	-16		Comments	: :		
Three Well Vo	olumes:	(gal)	249					
	-formetic-							
Purging Ir	normation						Conversion F	actors
Purging Metho	od:	Bailer	Peristaltic	Grundf	os Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer		Teflon	Stainless St.	Poly	vethylene	of		
Sampling Met		Bailer	Peristaltic	Grundf Grundf	os Pump	water	0.04 0.16	0.66 1.47
Average Pum		(ml/min)	<u> </u>			1 gall	on=3.785L=3785m	L=1337cu. feet
Duration of Ρι		(min)	_ 	id well go dry?	Yes No.	ďΩ		
Total Volume		(gal)			, es	5		
Horiba U-52 V	Water Quality N	Meter Used?	Yes	No ☐				
(n			1	ORP	Conductivity	Turbidity	DO	TDS
Time	DTW	Temp (°C)	pH		· -	1		i i
[] [1 (1731/1	1 (1012/1011)	i morum	I (Ma/L)	1 (a/L) 1
12.0	(feet)		7 26	(mV)	(mS/cm)	(NTU) DO-Z	(mg/L)	(g/L)
13:00	7-3	2137	7.06	151	9.44 2.43	20-2	- 4.46	2.8f 1.88
13:05 13:10	7-3 7-3 7-3	2137	6.90		9.44 2.93 2.87	20.Z 1.D 0.Z	0.98	2.84
13:W 13.05 13:10 13:15	7.3	21.37 20.60 19.94 19.87	6.90	-51 -51 -50	2.93 2.87 2.86	20-2	098	2.25 1.28 1.04 1.03
13:05 13:10 13:15 13:20	7.30	21.37 20.60 19.94 19.87	6.90	151	7.44 2.93 2.84 2.86 2.83	20.Z 1.D 0.2 0.2 0.4	0.98	2.8f 1.88
13.05	7.3 7.30 7.30 7.30 7.30 7.30	21.37 20.60 19.94 19.83 19.85 19.82	6.90	-51 -51 -50 -52 -53	9.44 2.93 2.84 2.86 2.83 2.83	20-Z 1-D 0-Z 0-Z 0-4 0-5	0.98	2.25 1.28 1.04 1.03
13.05	7.30	21.37 20.60 19.94 19.87	6.90	-51 -51 -50	7.44 2.93 2.84 2.86 2.83	20.Z 1.D 0.2 0.2 0.4	0.98	2.25 1.28 1.04 1.03
13.05	7.3 7.30 7.30 7.30 7.30 7.30	21.37 20.60 19.94 19.83 19.85 19.82	6.90	-51 -51 -50 -52 -53	9.44 2.93 2.84 2.86 2.83 2.83	20-Z 1-D 0-Z 0-Z 0-4 0-5	0.98	2.25 1.28 1.04 1.03
13.05	7.3 7.30 7.30 7.30 7.30 7.30	21.37 20.60 19.94 19.83 19.85 19.82	6.90	-51 -51 -50 -52 -53	9.44 2.93 2.84 2.86 2.83 2.83	20-Z 1-D 0-Z 0-Z 0-4 0-5	0.98	2.25 1.28 1.04 1.03
13.05	7.3 7.30 7.30 7.30 7.30 7.30	21.37 20.60 19.94 19.83 19.85 19.82	6.90	-51 -51 -50 -52 -53	9.44 2.93 2.84 2.86 2.83 2.83	20-Z 1-D 0-Z 0-Z 0-4 0-5	0.98	2.25 1.28 1.04 1.03
13.05	7.3 7.30 7.30 7.30 7.30 7.30	21.37 20.60 19.94 19.83 19.85 19.82	6.90	-51 -51 -50 -52 -53	9.44 2.93 2.84 2.86 2.83 2.83	20-Z 1-D 0-Z 0-Z 0-4 0-5	0.98	2.25 1.28 1.04 1.03
13.05	7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3	21.37 20.60 19.94 19.83 19.85 19.82	6.90	-51 -51 -50 -52 -53	9.44 2.93 2.84 2.86 2.83 2.83	20-Z 1-D 0-Z 0-Z 0-4 0-5	0.98	2.25 1.28 1.04 1.03
13.05 13.10 13.15 13.25 13.30	7-3 7-3 7-3 7-3 7-3 7-3 7-3	21.37 20.60 19.94 19.83 19.82 19.82	6.90	-51 -51 -50 -52 -53	9.44 2.93 2.84 2.86 2.83 2.83	20.Z 1.0 0.2 0.4 0.5 0.4	1-44 0.98 0.91 0.88 0.79 0.77	2 25 f 1.88 1.07 1.03 1.01 1.01
13.05 13.10 13.15 13.20 13.25 13.30 Sampling In	7-3 7-3 7-3 7-3 7-3 7-3 7-3 7-3 6 Method 8270	21.37 20.60 19.94 19.85 19.82 19.82	6.90 6.89 6.88 6.88 6.84	-51 -51 -50 -52 -53	9.44 2.93 2.84 2.86 2.83 2.83	20-2 1-0 0-2 0-4 0-9 0-9	1-44 0.98 0.91 0.82 0.79 0.77	2.26 1.28 1.34 1.31 1.31
13.05 13.10 13.20 13.25 13.30 EPA SW-8	7-3 7-3 7-3 7-3 7-3 7-3 7-3 6 Method 8270	21.37 20.60 19.94 19.83 19.82 19.82 19.82 VOC's	6.90 6.89 6.89 6.89 6.83 7	-51 -51 -50 -52 -53	9.44 2.93 2.84 2.86 2.83 2.83	20-Z 1-D 0-Z 0-Y 0-4 0-4 0-4 2-100 ml aml 3-40 ml via	0.98 0.98 0.91 0.82 0.79 0.77	2.25 1.25 1.25 1.23 1.21 1.21
13.05 13.10 13.20 13.25 13.30 EPA SW-8	7-3 7-3 7-3 7-3 7-3 7-3 7-3 7-3 6 Method 8270	21.37 20.60 19.94 19.83 19.82 19.82 19.82 VOC's	6.90 6.89 6.89 6.89 6.83 7	-51 -51 -50 -52 -53	9.44 2.93 2.84 2.86 2.83 2.83	20-2 1-0 0-2 0-4 0-9 0-9	0.98 0.98 0.91 0.82 0.79 0.77	2.25 1.25 1.25 1.23 1.21 1.21
13.05 13.15 13.25 13.25 13.30 13.30 EPA SW-8 EPA SW-8	7-3 7-3 7-3 7-3 7-3 7-3 7-3 6 Method 8270	21.37 20.60 19.94 19.87 19.82 19.82 19.82 VOC's Total Cy	6.90 6.89 6.89 6.89 6.83 7	-51 -51 -50 -52 -53	9.44 2.93 2.87 2.83 2.83 2.83	2. 100 ml aml 3 - 40 ml pla	0.98 0.98 0.91 0.82 0.79 0.77	2.25 1.25 1.25 1.23 1.31 1.31 1.81
13.05 13.10 13.20 13.25 13.30 EPA SW-8	7-3 7-3 7-3 7-3 7-3 7-3 7-3 7-3 6 Method 8270 846 Method 8260 846 Method 9012 MW-ES-108	21. 37 20.60 19.94 19.85 19.82 19.82 19.82 VOC's Total Cy	PAH's BTEX vanide	-51 -50 -52 -53 -54	9.44 2.93 2.87 2.83 2.83 2.83	2 - 100 ml aml 3 - 40 ml via 1 - 250 ml pla	0.98 0.98 0.91 0.82 0.79 0.77	2 5 6 7 8 8 7 8 8 7 8 7 8 7 8 8
Sampling In: Sample ID: Sample Time:	7-3 7-3 7-3 7-3 7-3 7-3 7-3 7-3 7-3 6 6 Method 8270 846 Method 8260 846 Method 9012 MW-ES-108	21. 37 20.60 19.94 19.85 19.82 19.82 19.82 VOC's Total Cy	PAH's BTEX yanide uplicate?	751 -51 -50 -52 -53 -54	9.44 2.93 2.87 2.83 2.83 2.83	2 - 100 ml aml 3 - 40 ml via 1 - 250 ml pla	bers Yes als Yes Yes Pace Courier Pick Pace An	No No No No No alvical
3.05 3.10 3.15 3.25 3.25 3.25 3.30 3.25 3.30 3.25 3.25 	7-3 7-3 7-3 7-3 7-3 7-3 7-3 7-3 7-3 7-3	21. 37 20.60 19.94 19.85 19.82 19.82 19.82 VOC's Total Cy	PAH's BTEX vanide uplicate? S/MSD?	751 -51 -50 -52 -53 -54	9.44 2.93 2.87 2.83 2.83 2.83	2 - 100 ml aml 3 - 40 ml via 1 - 250 ml pla	bers Yes stic Yes Pace Courier Pick Pace An	2 6 7 8 8 7 8 8 7 8 8 7 8 8

					f							
Sampling Personnel:	Ke_			Date:	0/14/21							
Job Number: 0603275-13	2410-221	Weather: 4	: Crows 67									
		······································		Time In: /	11100							
Well Id. MW-11							1					
Well Information		тос	Other	Well Type:	Flush	nmount S	tick-Up					
Depth to Water:		3.05	Caron	Well Locke		Yes	No					
Depth to Bottom:		18.50		Measuring P	oint Marked:	Yes 🔀	No					
Depth to Product:	(feet)		Well Material: PVC SS Other:									
Length of Water Column:	(feet)	145	Well Diame	-	2" XOth	er:						
Volume of Water in Well:	(gal)	67		Comments:								
Three Well Volumes:	(gal)	-01										
			<u> </u>	- Maria								
Duraina Information						·						
Purging Information						Conversion F	actors					
Purging Method:	Bailer	Peristaltic	Grundfo	s Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID					
Tubing/Bailer Material:	Teflon	Stainless St.		ethylene X	of							
Sampling Method:	Bailer	Peristaltic	Grundfo	s Pump	water	0.04 0.16	0.66 1.47					
Average Pumping Rate:	(ml/min)	$\Sigma_{\mathcal{D}}$			1 gall	on=3.785L=3785m	L=1337cu. feet					
Duration of Pumping:	(min)	30		^								
Total Volume Removed:	(gal)	<u>Di</u>	d well go dry?	Yes No	≥							
Horiba U-52 Water Quality N	Aeter Used?	Yes	X No ☐	_								
Horiba 0-32 Water Quanty in	noter occu.											
Time DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS					
_(feet)	(°C)	μ.,	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)					
11:10 8.24	1619	7-34	-92	0-798	78.4	1.26	0.508					
11:25 8.30	16.83	2 3	-101	10.767	152	1.05	0.489					
		7.33	7,15	7 20	()// m	0.89	10.477					
11111 Za 8:36	12.39	<u>て、スク</u>	-112	0.738	94.0							
11:20 8:36	17-57	7-34	-118	0.741	50	0.86	0-874					
11:25 8:38	17.39	7-34 7-34				0.86	0.474					
11:25 8:36 11:25 8:38 11:30 8:38 11:35 8:38	17.63	7-34 7-34 7-34 7-33	~118 -127 -124	0741	50 37.1 300	0.86	0.476					
11:25 8:38	17.63	7-34 7-34	~118		30 37.1	0.86	0.474					
11:25 8:36 11:25 8:38 11:30 8:38 11:35 8:38	17.13	7-34 7-34	~118 -127 -124	0741	50 37.1 300	0.86	0.476					
11:25 8:36 11:25 8:38 11:30 8:38 11:35 8:38	17.13	7-34 7-34	~118 -127 -124	0741	300 371 300	0.86	0.476					
11:25 8:36 11:25 8:38 11:30 8:38 11:35 8:38	17.13	7-34 7-34	~118 -127 -124	0741	300 371 300	0.86	0.476					
11:25 8:36 11:25 8:38 11:30 8:38 11:35 8:38	17.13	7-34 7-34	~118 -127 -124	0741	300 371 300	0.86	0.476					
11:25 8:38 11:35 8:38 11:35 8:38 11:35 8:38	17.13	7-34 7-34	~118 -127 -124	0741	300 371 300	0.86	0.476					
11:25 8:36 11:25 8:38 11:30 8:38 11:35 8:38	17.13	7-34 7-34	~118 -127 -124	0741	300 371 300	0.86	0.476					
11:25 8:38 11:25 8:38 11:35 8:38 11:35 8:38 11:35 8:38 11:35 8:38 11:35 8:38 11:35 8:38 11:35 8:38	17-13 17-78 17-90 17-90	7-34 7-34 7-33 7-34	~118 -127 -124	0741	300 371 300	0.86 0.83 0.83 0.02	0.476					
1	17-13 17-78 17-78 17-76	7-34 7-34 7-34 7-34	~118 -127 -124	0741	50 37.1 280 24.4	0.86 0.83 0.83 0.02	0.476 0.476 0.478					
11:25 8:38 11:25 8:38 11:35 8:38 11:35 8:38 11:35 8:38 11:35 8:38 11:35 8:38 11:35 8:38 11:35 8:38	17-13 17-76 17-76 17-76 17-76 VOC's E	7-34 7-34 7-34 7-34 PAH's	~118 -127 -124	0741	37.1 38.0 24.4	6.86 0.85 0.83 0.82 bers Yes	0.476 0.476 0.478					
1	17-13 17-76 17-76 17-76 17-76 VOC's E	7-34 7-34 7-34 7-34 PAH's	~118 -127 -124	0.741 0.744 0.744 0.746	2 - 100 ml am 3 - 40 ml via 1 - 250 ml pla	6.86 0.85 0.83 0.82 0.82 bers Years	0.476 0.476 0.478 0.478					
1	/ / - / - / - / - / - / - / - / - / -	7-34 7-34 7-34 7-34 PAH's BTEX anide	~118 -127 -124	0.741 0.744 0.744 0.746	2 - 100 ml am 3 - 40 ml via 1 - 250 ml pla	bers Yes	0.476 0.476 0.478 0.478					
1.25 8.38	/ / - / - / - / - / - / - / - / - / -	7-34 7-34 7-34 7-34 PAH's BTEX anide	~118 -127 -127 -127	0.741 0.744 0.744 0.746	2 - 100 ml am 3 - 40 ml via 1 - 250 ml pla	6.86 0.85 0.83 0.82 0.82 bers Years	0.476 0.476 0.478 0.478					
1.25 8.38	/ / - / - / - / - / - / - / - / - / -	7-34 7-34 7-34 7-34 PAH's BTEX anide	~118 -127 -127 -127 -12 T	0.741 0.744 0.744 0.746	2 - 100 ml am 3 - 40 ml via 1 - 250 ml pla	bers Yes als Yes off Albany Service Pace Ar	0.476 0.476 0.478 0.478 No No No No No No Re Center					

Sampling Personnel: 12 Date:	10/14/14
Most	her: 5mm 72
Job Number. 0003273-132410-221	- 1710
Well Id. MW-12	
	Type: Flushmount Stick-Up
Depth to water. (leet) 3- 40	Locked: Yes No No No No
Deptil to Bottom. (ICC)	uring Point Marked: Yes No
Depth to Product: (leet)	Diameter: 1" 2" Other:
Length of Water Column. (leet) 70-7	ments:
Volume of Water in Well. (gal)	
Three Well Volumes: (gal) 5.13	
Purging Information	Conversion Factors
Purging Method: Bailer Peristaltic Grundfos Pump	
Tubing/Bailer Material: Teflon Stainless St. Polyethylene	of 0.04 0.16 0.66 1.47
Sampling Method: Bailer Peristaltic Grundfos Pump	1 gallon=3.785L=3785mL=1337cu. feet
Average Pumping Rate: (ml/min)	T gallott=5.7d0E=57ccttlE Too7cct Too.
Duration of Pumping: (min) 30 Total Volume Removed: (gal) 2 Did well go dry? Yes	7 No.
Total Volume Nomeyod.	
Horiba U-52 Water Quality Meter Used?	
Time DTW Temp pH ORP Conduc	
(feet) (°C) (mV) (mS/d	
12:05 3.98 20.03 6.91 -53 4.8	
12.17 3.70 20 01 6.10	14 21 624 305
12:20 3.98 20.76 6.91 37 4.	
12.25 3.98 19.30 6.91 -56 4.7	1 0 7 0 0
1230 398 204 690 -56 4 1	1.2 1.66 35,
Sampling Information:	2 - 100 ml ambers Yes No █
EPA SW-846 Method 8270 SVOC PAH's	3 - 40 ml vials Yes No
EPA SW-846 Method 8260 VOC's BTEX	1 - 250 ml plastic Yes No
EPA SW-846 Method 9012 Total Cyanide	
Sample ID: MW-12-1021 Duplicate? Yes No	Shipped: Pace Courier Pickup Drop-off Albany Service Center
Il Samble lime 17 22 monto li	

Sconondoa Street, Oneida New York								
Samuel Harris		Date: 10/14/21						
Sampling Personnel:		Weather: Corpl (3)						
Job Number: 0603275-132410-221	300 Number: 0003273-102410-221							
Well Id. MW-103	Time In: 08:50 Time Out: 09:25							
Well Information								
	FOC Other	Well Type: Flushmount Stick-Up						
Depth to Water: (feet)	Well Locked: Yes No							
Depth to Bottom: (feet) 4	Measuring Point Marked: Yes No No							
Depth to Product: (feet)	Well Material: PVC SS Other: Well Diameter: 1" 2" Other:							
Length of Water Column: (feet)	Comments:							
Volume of Water in Well: (gal) 7 Three Well Volumes: (gal) 6								
Three Well Voluntes. (gail) (g	32							
Purging Information		O Fada-						
		Conversion Factors Conversion Factors Conversion Factor Conver						
Purging Method: Bailer	⊣ '	gal/ft. 1" ID 2" ID 4" ID 6" II olyethylene						
Tubing/Bailer Material: Teflon Sampling Method: Bailer		tros Pump water 0.04 0.16 0.66 1.4						
Sampling Method: Bailer Average Pumping Rate: (ml/min)	DOO	1 gallon=3.785L=3785mL=1337cu. feet						
Duration of Pumping: (min)	30_							
Total Volume Removed: (gal)	Z Did well go dry?	? Yes No						
Horiba U-52 Water Quality Meter Used?	Yes No	\mathcal{O}						
Hollba 0-32 Water Quality Wictor Good.								
Time DTW Temp	pH ORP	Conductivity Turbidity DO TDS						
(feet) (°C)	(mV)	(mS/cm) (NTU) (mg/L) (g/L)						
18:35 26.77 19.47	6-13 -72	1.22 50.1 4-07 0.784						
0900 26.74 14.45	6.95 -74	11-23 104)						
09:05 74.74 13.70	7.00 -75	1.20 38.8 1.03 0.80+						
09:10 26.74 13.56	7.05	18 19.7 0.69 0.825						
19:15 DG 14 13:19 19:20 DG 74 13:39	7.06 - 17	1.29 14.2 12.60 0.826						
19:25 86 74 13:36	7-29 -77	1.29 17.2 0.58 0.82						
0723 044 1232								
C. L. D. S. T. S.								
Sampling Information:								
EPA SW-846 Method 8270 SVOC P.	AH's	2 - 100 ml ambers Yes No						
EPA SW-846 Method 8260 VOC's B		3 - 40 ml vials Yes No						
EPA SW-846 Method 9012 Total Cya	anide	1 - 250 ml plastic Yes No						
		Shipped: Pace Courier Pickup						
Guiripit i.s.	olicate? Yes No No No No	Shipped: Pace Courier Pickup Drop-off Albany Service Center						
	/MSD? Yes No 🔀	Diop-oil Albaily Collification						
Sample Time: 99.23 MS	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
Sample Time: 4.23 MS Comments/Notes:		Laboratory: Pace Analytical Greensburg, PA Page 20						



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:		Section B			Section	in C															ł					
Company: GES - Syracuse		Required Project Information: Report To: Devin Shay (GES)		Invoice Information:													- 1	-		Page:	10	of 1				
Address: 6790 Northern Blvd, Su	le 100	dshay@gesonine.com		Attention: Accounts Payable via email et ges-invoices@gasonline.com							1					DCC!		05)/		نصيار						
1	10 100	Report To: Tim Beaumont (GE tbeaumont@gesonline.com	Report To: Tim Beaumont (GES) Company Name: Groundwater & Environmental Services, Inc.							REGULATORY AGENC																
East Syracuse, New York 13057			Address: 6780 Northern BMd, Suite 100, East Syracuse, NY 13057								PDES ROUND WATER RINKING WATER						TER									
Email To: dshay@gesonine.com		Purchase Order No.:				uote Referen											3 US7		``≀CRA	1			HER	<u></u>		
Phone: 800.220.3069 Fax: Nor x4051		Project Name: National Grid - I Sconondoa St. Oneida NY	roject Name: National Grid - Oneida Pace Project Manager: Rachel Christner								SITE							t	1	N:						
Requested Due Date/TAT: Stan	dard	Project Number: 0603275-132410-221-1106		Pace Profile #: Semi-Annual GWS							LOCATION [)					Н [· s	_ T t	HER	<u></u>						
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January 14, 2021 – Site Conditions







July 1, 2021 – Site Conditions







July 1, 2021 – Building Conditions

2021 Groundwater Monitoring Report National Grid Oneida Site 215 Sconondoa Street Oneida, NY



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, 2021

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, 30445638

Groundwater & Environmental Services, Inc. (GES) reviewed two data packages (Laboratory Project Numbers 30416862 and 30445638) from Pace Analytical Services, Inc., for the analysis of groundwater samples collected on April 21, 2021 and October 14, 2021 from monitoring wells located at the National Grid Oneida, NY Site. 13 aqueous samples, one field duplicate (MW-2), and a trip blank were analyzed for select volatile organics, PAHs, and cyanide during both events. 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-9-1021	J+	Fluoranthene and Acenaphthene	High MS/MSD recoveries
MW-ES-8-1021	R	Cyanide	MS/MSD recoveries <10%
MW-2-0421 MW-3-0421 FD-0421	UJ- J-	Non-detected VOCs-0421 Detected VOCS-0421	Residual chlorine present in samples

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. Data qualified as "R" should not be considered usable or reliable.

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. Surrogate and internal standard recoveries are within required limits. Calibrations standards show acceptable responses within analytical protocol and validation action limits. An MS/MSD pair was analyzed for both sampling events using MW-9 as the matrix. Matrix spike and matrix spike recoveries were within criteria. MW-2 was the blind field duplicate location for both sampling events. The blind field duplicate correlations of the BTEX compounds were not calculated, as there were no positive detections reported in the original or duplicate sample for either event.

Residual chloride was reported in three samples during the spring sampling event. MW-2, MW-3, and FD may have low bias in the BTEX compounds.

PAHs by EPA8270D/NYSDEC ASP

Holding times are met. Instrumental tune fragmentations are within acceptance ranges. Surrogate recoveries are within analytical and validation guidelines, with the exception of a low recovery for surrogates in MW-6-0520 due to dilution. The surrogate recovery was not indicative of method efficacy.

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



The laboratory control spike recoveries and precision indicate the method is within laboratory control. Surrogate and internal standard recoveries are within required limits. Calibrations standards show acceptable responses within analytical protocol and validation action limits. An MS/MSD pair for each sampling event was analyzed using MW-9- as the matrix. Matrix spike and matrix spike recoveries were within laboratory specified criteria with the following exceptions:

For the spring sampling event – MW-9-0421

 Pyrene's relative percent difference (RPD) of 24% exceeded the laboratory-specified value of 20%, however, the RPD was well below the ≤30% EPA established criteria, and no qualifications were required.

For the fall sampling event MW-9-1021:

- Fluoranthene reported high recoveries in the MS (189%)
- Fluorene reported high recoveries in the MSD (151%).
- Acenaphthene reported high recoveries in the MS (304%) and MSD (317%).
- Anthracene reported high recoveries in the MS (115%).
 - For Fluoranthene and Acenaphthene, the above RL concentrations are qualified as estimated with a possible high bias. Qualifications are noted in **Table 1**.
 - For Fluorene and Anthracene, the analytes were not detected above RL, and the high bias does not affect non-detect data. No qualifications were necessary.

MW-2 was the blind field duplicate location for both sampling events. The blind field duplicate correlations of MW-2 in the spring sampling event were not calculated, as the low level detections in the original sample were <2x the reporting limit (RL) and there were no confirmation detections in the duplicate sample.

The blind field duplicate correlations for the fall sampling event were not calculated, as there were no positive detections reported in the original or duplicate sample for either event.

Cvanide 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 pair for the spring event was analyzed using MW-9. Although the spring sampling event sample reported a cyanide recovery (88%) below laboratory criteria (90% - 100%), the recovery was above the EPA recommended 75% minimum, and meet project DQO. No qualifications are required.

The fall matrix spike recoveries associated with MW-ES-8-1021 both reported 0% recovery, below the EPA recommended 10% for valid data. Cyanide is qualified as unreliable "R" in this sample and should not be considered usable data.

Data Usability Report – 2021 Sampling Events National Grid Oneida, NY Site



The blind field duplicate correlations of MW-2 were not calculated, as the original sample reported a concentration at the RL, and there was no confirmatory cyanide detection reported in the duplicate. The original concentration is <2x the RL, so the cyanide data is considered usable, as the duplicate concentration could be reported below RL and still pass precision criteria. No qualification is required.

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.

anowisk_

Senior Chemist

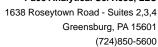


SAMPLE SUMMARY

Project: National Grid - Oneida, NY

Pace Project No.: 30416862

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30416862001	MW-1-0421	Water	04/21/21 13:00	04/22/21 09:45
30416862002	MW-2-0421	Water	04/21/21 12:10	04/22/21 09:45
30416862003	MW-3-0421	Water	04/21/21 11:25	04/22/21 09:45
30416862004	MW-4-0421	Water	04/21/21 10:40	04/22/21 09:45
30416862005	MW-5-0421	Water	04/21/21 09:50	04/22/21 09:45
30416862006	MW-6-0421	Water	04/21/21 13:45	04/22/21 09:45
30416862007	MW-7-0421	Water	04/21/21 11:40	04/22/21 09:45
30416862008	MW-ES-8-0421	Water	04/21/21 09:00	04/22/21 09:45
30416862009	MW-9-0421	Water	04/21/21 10:40	04/22/21 09:45
30416862010	MW-9-MS-0421	Water	04/21/21 10:40	04/22/21 09:45
30416862011	MW-9-MSD-0421	Water	04/21/21 10:40	04/22/21 09:45
30416862012	MW-ES-10S-0421	Water	04/21/21 13:25	04/22/21 09:45
30416862013	MW-11-0421	Water	04/21/21 09:55	04/22/21 09:45
30416862014	MW-12-0421	Water	04/21/21 09:10	04/22/21 09:45
30416862015	MW1-103-0421	Water	04/21/21 12:30	04/22/21 09:45
30416862016	FD-0421	Water	04/21/21 00:01	04/22/21 09:45
30416862017	Trip Blanks	Water	04/21/21 00:01	04/22/21 09:45





Project: National Grid - Oneida, NY

Pace Project No.: 30416862

Date: April 30, 2021

MW-2-0421 (Lab ID: 30416862002)

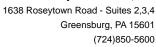
• Residual Chlorine was present in the VOA vial used for analysis.

MW-3-0421 (Lab ID: 30416862003)

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

FD-0421 (Lab ID: 30416862016)

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





Project: National Grid - Oneida, NY

Pace Project No.: 30416862

Method: EPA 8270D by SIM

Description: 8270D PAH SIM Reduced Volume

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: April 30, 2021

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.

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.

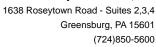
QC Batch: 445068

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30416862009

R1: RPD value was outside control limits.

- MSD (Lab ID: 2148522)
 - Pyrene

Additional Comments:





Project: National Grid - Oneida, NY

Pace Project No.: 30416862

Method: EPA 8260C Description: 8260C MSV

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: April 30, 2021

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.

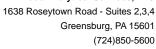
Laboratory Control Spike:

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.

Additional Comments:





Project: National Grid - Oneida, NY

Pace Project No.: 30416862

Method: EPA 9012B

Description: 9012B Cyanide, Total

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: April 30, 2021

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: 445528

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30416862009,30417109002

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

- MS (Lab ID: 2150601)
 - Cvanide
- MS (Lab ID: 2150624)
 - Cyanide
- MSD (Lab ID: 2150602)
 - Cyanide
- MSD (Lab ID: 2150625)
 - Cyanide

Additional Comments:

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



SAMPLE SUMMARY

Project: National Grid - Oneida, NY

Pace Project No.: 30445638

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30445638001	MW-1-1021	Water	10/14/21 13:05	10/15/21 10:30
30445638002	MW-2-1021	Water	10/14/21 12:15	10/15/21 10:30
30445638003	MW-3-1021	Water	10/14/21 11:30	10/15/21 10:30
30445638004	MW-4-1021	Water	10/14/21 10:45	10/15/21 10:30
30445638005	MW-5-1021	Water	10/14/21 10:00	10/15/21 10:30
30445638006	MW-6-1021	Water	10/14/21 13:50	10/15/21 10:30
30445638007	MW-7-1021	Water	10/14/21 10:05	10/15/21 10:30
30445638008	MW-ES-8-1021	Water	10/14/21 09:20	10/15/21 10:30
30445638009	MW-9-1021	Water	10/14/21 10:45	10/15/21 10:30
30445638010	MW-9-MS-1021	Water	10/14/21 10:45	10/15/21 10:30
30445638011	MW-9-MSD-1021	Water	10/14/21 10:45	10/15/21 10:30
30445638012	MW-ES-10S-1021	Water	10/14/21 13:30	10/15/21 10:30
30445638013	MW-11-1021	Water	10/14/21 11:40	10/15/21 10:30
30445638014	MW-12-1021	Water	10/14/21 12:30	10/15/21 10:30
30445638015	MW1-103-1021	Water	10/14/21 09:25	10/15/21 10:30
30445638016	FD-1021	Water	10/14/21 00:01	10/15/21 10:30
30445638017	Trip Blanks	Water	10/14/21 00:01	10/15/21 10:30

REPORT OF LABORATORY ANALYSIS

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Project: National Grid - Oneida, NY

Pace Project No.: 30445638

Method: EPA 8270D by SIM

Description: 8270D PAH SIM Reduced Volume

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: October 29, 2021

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.

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: 469147

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30445638009

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

- MS (Lab ID: 2265669)
 - Acenaphthene
 - Anthracene
 - Fluorene
- MSD (Lab ID: 2265670)
 - Acenaphthene
 - Fluorene

R1: RPD value was outside control limits.

• MSD (Lab ID: 2265670)

REPORT OF LABORATORY ANALYSIS

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Project: National Grid - Oneida, NY

Pace Project No.: 30445638

Method: EPA 8270D by SIM

Description: 8270D PAH SIM Reduced Volume

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: October 29, 2021

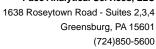
QC Batch: 469147

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30445638009

R1: RPD value was outside control limits.

• Fluorene

Additional Comments:





Project: National Grid - Oneida, NY

Pace Project No.: 30445638

Method: EPA 8260C Description: 8260C MSV

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: October 29, 2021

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.

Additional Comments:

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



PROJECT NARRATIVE

Project: National Grid - Oneida, NY

Pace Project No.: 30445638

Method: EPA 9012B

Description: 9012B Cyanide, Total

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: October 29, 2021

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: 469619

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30445534003,30445638008

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

- MS (Lab ID: 2267574)
 - Cvanide
- MSD (Lab ID: 2267575)
 - Cyanide

Additional Comments:

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

2021 Groundwater Monitoring Report National Grid Oneida Site 215 Sconondoa Street Oneida, NY



Appendix C – Quarterly Site Inspections

Date:	10/14/2021	Oneida, New York	Time:	8:00
Technician:	KL		Weather:	Cloudy 65

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	FA	AIR	Damaged	COMMENTS:	
Gate Conditions?	GOOD	F/	AIR	Damaged	COMMENTS:	
NG and GES Padlocks?	OPERATION	OPERATIONAL NON-OPERATIONAL		OPERATIONAL	COMMENTS:	
Have the front lawns been mowed?	YES	YES NO		NO	COMMENTS:	
Conditon of the asphalt pavement	GOOD	F/	AIR	POOR	COMMENTS:	
Conditon of the front sidewalks?	GOOD	F/	AIR	POOR	COMMENTS:	
Conditon of the building foundations?	GOOD	F/	AIR	POOR	COMMENTS:	
Are the requirements of the Site Management Plan being met?	YES	YES		NO	COMMENTS:	
Are there any needed changes?	YES	3		NO	COMMENTS:	
Are the site records complete and up to date?	YES			NO	COMMENTS:	

Miscellaneous					
Evidence of Trespassing	YES NO COMMENTS:			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			

Date:	7/1/2021	Oneida, New York	Time:	13:00
Technician:	KL		Weather:	Cloudy 77

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	FA	AIR	Damaged	COMMENTS:	
Gate Conditions?	GOOD	FA	AIR	Damaged	COMMENTS:	
NG and GES Padlocks?	OPERATION	OPERATIONAL NON-OPERATIONAL		OPERATIONAL	COMMENTS:	
Have the front lawns been mowed?	YES	YES NO		NO	COMMENTS:	
Conditon of the asphalt pavement	GOOD	FA	AIR	POOR	COMMENTS:	
Conditon of the front sidewalks?	GOOD	FA	AIR	POOR	COMMENTS:	
Conditon of the building foundations?	GOOD	F.A	AIR	POOR	COMMENTS:	
Are the requirements of the Site Management Plan being met?	YES	YES		NO	COMMENTS:	
Are there any needed changes?	YES	3		NO	COMMENTS:	
Are the site records complete and up to date?	YES			NO	COMMENTS:	

Miscellaneous					
Evidence of Trespassing	YES NO COMMENTS:			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			

Date:	4/21/2021	Oneida, New York	Time:	14:10
Technician:	AJ		Weather:	Snow 35

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		NO	COMMENTS:			
Fence Condition?	GOOD	FA	AIR	Damaged	COMMENTS:		
Gate Conditions?	GOOD	F/	AIR	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	F/	AIR	POOR	COMMENTS:		
Conditon of the front sidewalks?	GOOD	F/	AIR	POOR	COMMENTS:		
Conditon of the building foundations?	GOOD	F/	AIR	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 MIN		IOR	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				

Date:	10/15/2020	Oneida, New York	Time:	12:30
Technician:	KL		Weather:	Cloudy 34

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 C		NO	COMMENTS:			
Fence Condition?	GOOD	FA	NR	Damaged	COMMENTS:		
Gate Conditions?	GOOD	F/	NR	Damaged	COMMENTS:		
NG and GES Padlocks?	OPERATIONAL		NON-OPERATIONAL		COMMENTS:		
Have the front lawns been mowed?	awns been mowed?		NO		COMMENTS: winter		
Conditon of the asphalt pavement	GOOD	F/	AIR	POOR	COMMENTS:		
Conditon of the front sidewalks?	GOOD	F/	AIR	POOR	COMMENTS:		
Conditon of the building foundations?	GOOD	F/	AIR	POOR	COMMENTS:		
Are the requirements of the Site Management Plan being met?	ement Plan 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		NO	COMMENTS:		
Litter NONE		MIN	IOR	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				