



January 30, 2024

Mr. Brad Demo
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation, BURC
625 Broadway
Albany, New York 12233-7014

**RE:** National Grid Former Manufactured Gas Plant Site

10 King Street, Ogdensburg, New York Annual Groundwater Monitoring Report

Dear Mr. Demo:

Enclosed for your review is the Annual Groundwater Monitoring Report for the NG Ogdensburg MGP Site, for 2023.

Groundwater and Environmental Service, Inc., (GES) OM&M contractor for National Grid, conducts all long-term OM&M activities at the site. Quarterly site inspections were conducted in 2023 (January, April, July, and October). The site is generally in good shape and in compliance. There were detections of BTEX and/or PAHs in 12 of the 13 monitoring wells sampled.

If you have any questions, then please feel free to contact me at 315.428.5652.

Very truly yours,

for SPS

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

Cc: Devin T. Shay – Groundwater and Environmental Services, Inc.

National Grid

# Annual Groundwater Monitoring Report



National Grid Ogdensburg, Former MGP Site 10 King Street, Ogdensburg, NY 13669

January 2024

Version 1





# **Annual Groundwater Monitoring Report**

National Grid Ogdensburg, Former MGP Site 10 King Street Ogdensburg, NY 13669

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

Prepared by:

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GES Project: 0603400.136690.221

Date: January 30, 2024

Devin T. Shay, PG

Program Manager / Principal Hydrogeologist



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# 1 Introduction

This Annual Groundwater Monitoring Report presents results from the activities conducted at the Ogdensburg former manufactured gas plant (MGP) site (the site) located in Ogdensburg, New York (the Site). A site map is presented on **Figure 1**. The work summarized herein has been conducted in accordance with the approved Site Management Plan (SMP) for the site, dated September 26, 2018.

A detailed discussion of the semi-annual monitoring activities and results is presented below.

# 2 Semi-Annual Groundwater Monitoring

# 2.1 Objectives

The objectives of the April and October 2023 groundwater monitoring activities were to:

- Obtain groundwater elevation data from monitoring wells in the vicinity of the site to evaluate groundwater flow direction and velocity, and compare the results with historical groundwater flow conditions.
- Obtain analytical data to assess potential changes in groundwater quality at the site and compare the results to the Class GA groundwater standards and guidance values presented in the New York State Department of Environmental Conservation (NYSDEC) document entitled, "Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (TOGS 1.1.1), reissued June 1998 and addended April 2000 and June 2004.

# 2.2 Groundwater Well Gauging

The April 27, 2023 and October 18, 2023 groundwater monitoring field activities were conducted by GES. Prior to collecting groundwater samples, static fluid level measurements were collected from MW-2(R), MW-5R(R), MW-8R, MW-9, MW-10R, MW-11, MW-12R, MW-14R, MW-15, MW-15RS, MW-17R, MW-19R, and MW-20R. Water levels were measured to the nearest 0.01 foot using an electronic oil-water interface probe to determine the depth from a surveyed mark on the top of the inner polyvinyl chloride (PVC) well casing to the groundwater within the well.

The fluid level measurements obtained from each monitoring well were converted to groundwater elevations using the surveyed well elevations. The calculated groundwater elevations for each monitoring well are listed in **Table 1**. **Table 1** also includes groundwater elevation measurements obtained during previous groundwater monitoring events. A shallow groundwater potentiometric surface contour map developed based on the groundwater elevation measurements taken on April 27, 2023 and October 18, 2023, is included on **Figure 2** and **Figure 3**, respectfully.

Groundwater generally flows to the north from the Site toward the St. Lawrence River. Groundwater elevations ranged from 249.05 feet above sea level (asl; well MW-15) to 257.43 feet asl (well MW-10R). Field data from the gauging event is presented in **Appendix B**.



# 2.3 Groundwater Well Sampling and Analytical Results

Groundwater samples were collected by GES from 13 monitoring wells on April 27, 2023 and October 18, 2023 (including MW-2(R), MW-5R(R), MW-8R, MW-9, MW-10R, MW-11, MW-12R, MW-14R, MW-15, MW-15RS, MW-17R, MW-19R, and MW-20R). 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 B**.

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 2** and compared to the Class GA groundwater standards and guidance values presented in TOGS 1.1.1. VOC exceedances are bolded on **Table 2** and further shown on **Figures 4** and **5**. The Data Usability Summary Report (DUSR) is included in **Appendix C**.

There were BTEX and/or PAH detections in most of the monitoring wells sampled during the April and October 2023 sampling events. In April 2023, BTEX, acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, and naphthalene were detected above the regulatory criteria in one or more samples. Cyanide was detected in monitoring wells MW-2(R), MW-5R(R), MW-8R, MW-9, MW-10R, MW-11, MW-12R, and MW-15RS during the April 2022 event. In October 2023, BTEX, acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluorene, naphthalene, and phenanthrene were detected above the regulatory criteria in one or more samples. Cyanide was detected in monitoring wells MW-2(R), MW-5R(R), MW-8R, MW-9, MW-10R, MW-11, MW-12R, and MW-15RS in October 2023. As shown on **Table 2**, BTEX, PAHs and total cyanide detected in groundwater during the April and October 2023 sampling events are consistent with results from previous sampling events.



# 3 Quarterly Site-Wide Inspections

The quarterly site-wide inspections were conducted on January 25, April 27, July 13, and October 18, 2023. The Site Inspection Forms are presented in **Appendix A**. In general, the Site is in compliance.

# 4 Recommendations

# 4.1 Recommendations

At this time, National Grid recommends continuing the annual monitoring activities. The next annual groundwater sampling event would be in the spring 2024. Semi-Annual site-wide inspections are required; however, for internal security purposes, National Grid will continue to conduct quarterly site-wide inspections.



# **Figures**

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Annual Groundwater Monitoring Report National Grid Ogdensburg Former MGP Site 10 King Street, Ogdensburg, New York



# **Tables**



Table 1

Groundwater Monitoring Well Gauging Data

Well ID	Well Type & Diameter	Depth To Water (4/15/21)	Groundwater Elevation (4/15/21)	Depth To Water (10/20/21)	Groundwater Elevation (10/20/21)	Depth To Water (4/14/22)	Groundwater Elevation (4/14/22)	Depth To Water (10/20/22)	Groundwater Elevation (10/20/22)	Depth To Water (4/27/23)	Groundwater Elevation (4/27/23)	Depth To Water (10/18/23)	Groundwater Elevation (10/18/23)
MW-2(R)	Flushmount; PVC; 2-inch	2.69	256.51	4.18	255.02	1.26	257.94	2.72	256.48	2.27	256.93	2.93	256.27
MW-5R(R)	Flushmount; PVC; 2-inch	-0.04	259.44	2.11	257.29	0.00	259.40	1.89	257.51	-0.05	259.45	2.22	257.18
MW-8R	Flushmount; PVC; 2-inch	2.29	255.09	2.56	254.82	1.62	255.76	1.75	255.63	1.75	255.63	2.05	255.33
MW-9	Flushmount; PVC; 2-inch	4.83	252.17	4.94	252.06	4.84	252.16	4.84	252.16	4.91	252.09	4.97	252.03
MW-10R	Flushmount; PVC; 2-inch	0.00	257.58	0.55	257.03	0.00	257.58	0.00	257.58	0.10	257.48	0.15	257.43
MW-11	Flushmount; PVC; 2-inch	2.99	256.08	3.73	255.34	2.16	256.91	3.31	255.76	2.95	256.12	3.62	255.45
MW-12R	Flushmount; PVC; 2-inch	7.22	253.57	9.19	251.60	5.48	255.31	8.73	252.06	6.36	254.43	8.37	252.42
MW-14R	Flushmount; PVC; 2-inch	0.00	256.13	0.00	256.13	0.00	256.13	0.00	256.13	0.00	256.13	0.00	256.13
MW-15	Flushmount; PVC; 2-inch	7.30	249.32	8.33	248.29	6.96	249.66	7.55	249.07	7.38	249.24	7.57	249.05
MW-15RS	Flushmount; PVC; 2-inch	7.72	250.02	8.50	249.24	7.80	249.94	8.25	249.49	9.91	247.83	7.78	249.96
MW-17R	Flushmount; PVC; 2-inch	6.84	256.45	7.29	256.00	5.95	257.34	6.88	256.41	6.59	256.70	6.75	256.54
MW-19R	Flushmount; PVC; 2-inch	3.55	251.97	4.00	251.52	2.58	252.94	3.30	252.22	2.08	253.44	4.33	251.19
MW-20R	Flushmount; PVC; 2-inch	0.50	251.36	0.20	251.66	0.00	251.86	0.00	251.86	0.13	251.73	0.00	251.86



# **Groundwater Analytical Data**

MW-2(R)

	NYSDEC TOGS 1.1.1	Units	09/23/14	10/20/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
	Guidance Values											
BTEX												<u> </u>
Benzene	1	μg/L	61	120	55.4	44.3	49.1	45.2	38.4	63.4	37.3	35.4
Ethylbenzene	5	μg/L	ND	3	1.5	1.6	2.0	1.3	ND	2.7	2.1	1.3
Toluene	5	μg/L	29	44	22.4	19.4	23.1	17.8	18.4	29.3	20.6	15.7
Total Xylenes	5	μg/L	23	36	20.7	17.8	23.1	17.1	18.3	29.7	21.1	12.9
SVOCs												
Acenaphthene	20	μg/L	1.8 J	4 J	3.5	3.0	4.9	10.7	2.6	5.0	4.8	2.4
Acenaphthylene		μg/L	7.7	18	16.2	12.6	20.7	44.9	10.5	19.8	18.5	11.2
Anthracene	50	μg/L	1.7 J	3 J	2.6	1.8	2.2	6.7	1.1	2.1	2.4	1.9
Benzo(a)anthracene	0.002	μg/L	3.3	ND	0.13	0.37	ND	ND	ND	ND	ND	0.18
Benzo(a)pyrene	ND	μg/L	2.8	ND	ND	0.38	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	μg/L	3.5	ND	ND	0.50	ND	ND	ND	ND	ND	0.17
Benzo(g,h,i)perylene		μg/L	1.6 J	ND	ND	0.23	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	μg/L	1.4 J	ND	ND	0.17	ND	ND	ND	ND	ND	0.17
Chrysene	0.002	μg/L	2.6	ND	ND	0.29	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	6.9	ND	1.2	1.3	0.98	2.9	0.49	1.5	1.6	0.92
Fluorene	50	μg/L	2.3	7	6.2	5.2	7.7	22.1	3.7	9.1	8.9	4.2
Indeno(1,2,3-cd)pyrene	0.002	μg/L	1.4 J	ND	ND	0.23	ND	ND	ND	ND	ND	ND
2-Methylnapthalene		μg/L	5.8	20	17.9	17.1	22.5	50.1	15.4	20.8	25.0	13.0
Naphthalene	10	μg/L	120	270	210	270	327	622	257	234	273	162
Phenanthrene	50	μg/L	4.1	6	5.0	4.1	5.5	17.7	2.0	6.6	7.0	3.2
Pyrene	50	μg/L	5.4	ND	0.74	0.92	0.61	1.7	0.30	1.0	1.1	0.55
Inorganics												
Cyanide, Total	200	μg/L	900	530	240	4,100	390	4,900	330	680	450	670

#### Notes:

Results are presented in units of micrograms per liter ( $\mu g/L$ ).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Groundwater Analytical Data**

MW-5R(R)

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/22/14	10/20/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
BTEX												
Benzene	1	μg/L	130	440	392	354	144	231	98.7	308	65.8	261
Ethylbenzene	5	μg/L	7.0	26	27.3	24.3	11.6	16.8	4.9	16.8	3.1	11.0
Toluene	5	μg/L	3.0	70	82.6	65.0	21.8	25.5	3.9	9.4	1.1	6.3
Total Xylenes	5	μg/L	6.4	53	78.9	58.7	24.2	33.7	8.4	26.2	4.0	16.3
SVOCs												<del> </del>
Acenaphthene	20	μg/L	9.8	71	44.9	38.8	26.8	28.5	12.2	20.6	9.2	29.5
Acenaphthylene		μg/L	6.6	40	31.9	24.6	14.1	16.6	3.5	7.9	1.7	5.6
Anthracene	50	μg/L	0.50 J	8	4.9	3.1	0.85	2.0	ND	0.36	ND	0.35
Benzo(a)anthracene	0.002	μg/L	ND	ND	0.11	ND						
Benzo(a)pyrene	ND	μg/L	ND									
Benzo(b)fluoranthene	0.002	μg/L	ND									
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND									
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND	6	4.2	2.4	1.6	2.0	0.96	1.3	0.66	1.4
Fluorene	50	μg/L	4.7	48	28.4	23.8	18.5	21.6	9.1	12.9	6.7	13.9
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND	6	10.3	7.9	3.9	4.3	0.76	0.77	ND	ND
Naphthalene	10	μg/L	4.1	210	248	315	86.6	110	4.7	51.9	16.0	69.9
Phenanthrene	50	μg/L	2.6	41	25.2	20.7	14.7	17.7	6.4	8.1	5.4	11.9
Pyrene	50	μg/L	ND	5	3.5	2.1	1.4	1.6	0.79	1.1	0.56	1.1
Inorganics												
Cyanide, Total	200	μg/L	10	55	55	49	17	34	11	34	11	28

#### Notes:

Results are presented in units of micrograms per liter ( $\mu g/L$ ).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Groundwater Analytical Data**

MW-8R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/24/14	10/19/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
	Guidance values											
BTEX												
Benzene	1	μg/L	550	800	1,300	576	431	623	359	615	312	542
Ethylbenzene	5	μg/L	13	14	66.2	13.6	9.5	20.7	9.2	17.2	9.6	11.3
Toluene	5	μg/L	10	20	75.2	9.2	5.6	20.2	10.8	17.2	8.2	11.6
Total Xylenes	5	μg/L	19	27	132	18.0	12.5	32.6	16.1	26.2	13.7	16.6
SVOCs												
Acenaphthene	20	μg/L	5.6	10	16.2	7.6	8.2	12.6	7.5	8.5	6.7	11.0
Acenaphthylene		μg/L	6.7	10	23.4	5.4	3.3	12.9	4.9	7.9	5.0	7.9
Anthracene	50	μg/L	0.94 J	0.9	2.9	0.68	ND	1.5	0.44	0.61	1.5	1.1
Benzo(a)anthracene	0.002	μg/L	ND	ND	0.48	0.48	0.11	0.39	0.27	0.19	1.6	0.18
Benzo(a)pyrene	ND	μg/L	ND	ND	0.28	0.36	ND	0.22	0.16	0.12	1.4	0.11
Benzo(b)fluoranthene	0.002	μg/L	ND	ND	0.31	0.38	ND	0.33	0.24	0.18	1.9	0.14
Benzo(g,h,i)perylene		μg/L	ND	ND	0.10	0.13	ND	ND	ND	ND	0.45	ND
Benzo(k)fluoranthene	0.002	μg/L	ND	ND	0.10	0.18	ND	0.28	0.22	0.16	1.5	0.13
Chrysene	0.002	μg/L	0.39 J	ND	0.28	0.32	ND	0.22	0.19	0.12	1.3	ND
Dibenz(a,h)anthracene		μg/L	ND	0.22	ND							
Fluoranthene	50	μg/L	1.5 J	0.7	2.5	1.2	0.61	1.6	0.94	0.79	3.3	0.95
Fluorene	50	μg/L	4.40	7	15.6	4.5	4.6	10.1	5.1	6.1	6.0	7.2
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND	ND	0.10	0.14	ND	ND	ND	ND	0.45	ND
2-Methylnapthalene		μg/L	3.7	3	15.0	2.5	1.4	10.2	5.0	4.3	4.3	5.8
Naphthalene	10	μg/L	33	51	333	37.9	35.8	109	65.5	47.4	35.2	47.1
Phenanthrene	50	μg/L	2.7	2	9.2	1.7	1.3	4.0	1.8	2.0	5.4	2.5
Pyrene	50	μg/L	1.1 J	0.5	1.8	0.97	0.45	1.2	0.73	0.61	2.8	0.67
Inorganics												
Cyanide, Total	200	μg/L	59	320	54	58	26	17	22	120	12	66

#### Notes:

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Results are presented in units of micrograms per liter (µg/L).

= Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Groundwater Analytical Data**

MW-9

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/24/14	10/19/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
BTEX												
Benzene	1	μg/L	280	340	283	228	165	259	155	378	245	279
Ethylbenzene	5	μg/L	120	140	112	107	65.3	111	79.2	146	103	114
Toluene	5	μg/L	170	85	50.8	16.3	9.6	21.3	24.1	108	30.3	67.6
Total Xylenes	5	μg/L	250	180	91.7	52.1	53.0	49.5	81.6	142	141	111
SVOCs												
Acenaphthene	20	μg/L	76	48	30.2	55.5	59.9	52.8	58.3	63.8	40.8	73.8
Acenaphthylene		μg/L	29	17	8.6	11.0	21.6	21.9	14.9	14.0	11.3	26.7
Anthracene	50	μg/L	11	8	2.6	11.4	7.3	19.7	5.6	9.3	3.4	13.4
Benzo(a)anthracene	0.002	μg/L	ND	2	0.21	5.80	2.5	18.5	2.8	4.8	0.59	4.6
Benzo(a)pyrene	ND	μg/L	ND	1	ND	4.4	1.6	12.7	1.7	2.8	0.41	2.9
Benzo(b)fluoranthene	0.002	μg/L	ND	1	ND	4.8	2.1	18.0	2.4	4.2	0.56	3.3
Benzo(g,h,i)perylene		μg/L	ND	0.4 J	ND	1.5	0.46	4.5	0.56	ND	0.12	0.78
Benzo(k)fluoranthene	0.002	μg/L	ND	0.5 J	ND	1.8	2.0	15.4	2.2	3.7	0.43	2.6
Chrysene	0.002	μg/L	ND	1	0.13	4.30	1.8	11.2	2.0	3.3	0.39	2.3
Dibenz(a,h)anthracene		μg/L	ND	0.2 J	ND	0.46	0.21	1.6	0.22	ND	0.12	0.28
Fluoranthene	50	μg/L	6.0	8	2.2	19.2	8.7	37.4	9.0	16.5	3.5	12.6
Fluorene	50	μg/L	56	38	19.0	36.1	34.1	45.4	28.1	38.9	22.4	58.7
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND	1	ND	1.5	0.49	4.3	0.58	ND	0.12	0.89
2-Methylnapthalene		μg/L	14	1	ND							
Naphthalene	10	μg/L	450	72	18.1	9.1	51.2	10.3	20.0	28.1	43.1	44.1
Phenanthrene	50	μg/L	51	36	9.7	25.2	9.2	43.5	2.5	4.0	17.7	53.4
Pyrene	50	μg/L	3.5	5	1.2	12.7	6.1	28.1	6.2	11.8	2.2	8.8
Inorganics												
Cyanide, Total	200	μg/L	410	1,300	1,000	1,500	320	1,100	560	950	410	1,500

#### Notes:

Ε

Results are presented in units of micrograms per liter (µg/L).

= Results exceeded calibration range

= Compound quantitated using a secondary dilution D

= Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Groundwater Analytical Data**

MW-10R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/23/14	10/19/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
ВТЕХ												
Benzene	1	μg/L	1,700 J	1,400	1,360	1,540	1,040	1,790	220	1,760	1,520	1,990
Ethylbenzene	5	μg/L	25 J	100	122	124	94.3	138	101	139	96	128
Toluene	5	μg/L	3.1	94	230	201	171	197	174	222	172	229
Total Xylenes	5	μg/L	15	65	161	150	125	161	127	175	134	164
SVOCs												
Acenaphthene	20	μg/L	9.6	24	16.8	25.3	22.0	29.8	29.2	37.5	26.4	40.6
Acenaphthylene		μg/L	6.0	23	22.7	27.5	31.9	34.1	37.5	46.6	31.8	39.3
Anthracene	50	μg/L	ND	0.5	0.80	0.89	0.89	ND	0.78	ND	0.43	0.87
Benzo(a)anthracene	0.002	μg/L	ND									
Benzo(a)pyrene	ND	μg/L	ND									
Benzo(b)fluoranthene	0.002	μg/L	ND									
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND									
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND	ND	0.11	0.11	ND	ND	0.096	ND	ND	ND
Fluorene	50	μg/L	3.9	11	8.1	11.4	9.7	13.2	10.5	16.2	10.0	14.6
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND	1	3.6	4.8	6.4	7.4	11.0	6.4	6.7	10.7
Naphthalene	10	μg/L	20 J	140	296	486	405	653	449	431	401	608
Phenanthrene	50	μg/L	1.3 J	2	1.6	2.4	1.8	2.3	1.7	2.5	1.7	2.5
Pyrene	50	μg/L	ND									
Inorganics												
Cyanide, Total	200	μg/L	420	190	63	62	74	61	150	110	110	75

#### Notes:

Results are presented in units of micrograms per liter ( $\mu g/L$ ).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Groundwater Analytical Data**

MW-11

	NYSDEC TOGS 1.1.1											
	Guidance Values	Units	09/25/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	ND									
Ethylbenzene	5	μg/L	ND									
Toluene	5	μg/L	ND									
Total Xylenes	5	μg/L	ND									
SVOCs												
Acenaphthene	20	μg/L	ND									
Acenaphthylene		μg/L	ND									
Anthracene	50	μg/L	ND									
Benzo(a)anthracene	0.002	μg/L	ND	ND	0.11	ND	ND	ND	0.11	ND	ND	ND
Benzo(a)pyrene	ND	μg/L	ND	ND	0.14	ND	ND	ND	0.11	ND	ND	ND
Benzo(b)fluoranthene	0.002	μg/L	ND	ND	0.13	ND	0.12	ND	0.16	ND	ND	ND
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND	ND	ND	ND	0.12	ND	0.15	ND	ND	ND
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND									
Fluorene	50	μg/L	ND									
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND	ND	0.19	ND						
Naphthalene	10	μg/L	ND	ND	0.87	0.36	0.18	ND	0.32	0.13	ND	0.20
Phenanthrene	50	μg/L	ND									
Pyrene	50	μg/L	ND	ND	ND	ND	ND	ND	0.099	ND	ND	ND
Inorganics												
Cyanide, Total	200	μg/L	250	310	160	270	150	200	310	170	110	310

#### Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Groundwater Analytical Data**

MW-12R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/24/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	2,600	2,900	1,420	2,440	2,470	2,520	2,320	1,920	1,650	1,650
Ethylbenzene	5	μg/L	130	110	67.6	86.7	87.3	104	103	98.2	73.8	80.8
Toluene	5	μg/L	7.4	15	5.8	13.8	16.1	13.2	15.7	11.4	10.0	9.4
Total Xylenes	5	μg/L	49	83	27.8	58.1	70.0	72.4	75.6	66.8	53.8	52.8
SVOCs												
Acenaphthene	20	μg/L	3.4	4	104	1.2	1.4	1.8	1.5	1.5	1.0	1.1
Acenaphthylene		μg/L	4.8	7	1.9	1.5	2.9	3.0	3.2	3.0	2.1	2.2
Anthracene	50	μg/L	ND	ND	ND	0.098	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	μg/L	ND									
Benzo(a)pyrene	ND	μg/L	ND									
Benzo(b)fluoranthene	0.002	μg/L	ND									
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND									
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND									
Fluorene	50	μg/L	ND	0.3 J	0.24	0.20	0.20	ND	0.20	0.21	0.15	0.15
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND									
Naphthalene	10	μg/L	31	92	6.1	19.7	52.7	39.5	66.2	34.6	33.2	18.3
Phenanthrene	50	μg/L	ND									
Pyrene	50	μg/L	ND									
Inorganics	<u> </u>											<u> </u>
Cyanide, Total	200	μg/L	190	37	62	33	29	40	25	34	28	26

#### Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Groundwater Analytical Data**

MW-14R

	NYSDEC TOGS 1.1.1		00/05/44	40/40/47	07/44/00	40/04/00	0.4/4.5/04	40/00/04	0.4/4.4/00	10/00/00	0.4/07/00	40/40/00
	Guidance Values	Units	09/25/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	3.0	48	1.0	ND	1.6	1.8	2.8	1.4	9.1	1.6
Ethylbenzene	5	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	5	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
Acenaphthene	20	μg/L	ND	ND	0.12	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene		μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene		μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene		μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnapthalene		μg/L	ND	ND	0.14	ND	ND	0.12	ND	ND	ND	ND
Naphthalene	10	μg/L	ND	ND	0.96	ND	ND	0.99	0.18	ND	0.29	0.20
Phenanthrene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Inorganics												
Cyanide, Total	200	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

#### Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Groundwater Analytical Data**

MW-15

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/24/14	10/19/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	ND	NA	ND	ND						
Ethylbenzene	5	μg/L	ND	NA	ND	ND						
Toluene	5	μg/L	ND	NA	ND	ND						
Total Xylenes	5	μg/L	ND	NA	ND	ND						
SVOCs												
Acenaphthene	20	μg/L	ND	ND	0.15	ND	ND	ND	ND	NA	ND	ND
Acenaphthylene		μg/L	ND	ND	0.18	ND	ND	ND	ND	NA	ND	ND
Anthracene	50	μg/L	ND	ND	0.12	ND	ND	ND	ND	NA	ND	ND
Benzo(a)anthracene	0.002	μg/L	ND	ND	0.28	ND	ND	ND	ND	NA	0.17	ND
Benzo(a)pyrene	ND	μg/L	ND	0.2 J	0.27	ND	ND	ND	ND	NA	0.19	ND
Benzo(b)fluoranthene	0.002	μg/L	ND	0.2 J	0.29	ND	ND	ND	ND	NA	0.27	ND
Benzo(g,h,i)perylene		μg/L	ND	0.2 J	0.13	ND	ND	ND	ND	NA	ND	ND
Benzo(k)fluoranthene	0.002	μg/L	ND	ND	0.11	ND	ND	ND	ND	NA	0.21	ND
Chrysene	0.002	μg/L	ND	ND	0.19	ND	ND	ND	ND	NA	0.14	ND
Dibenz(a,h)anthracene		μg/L	ND	0.2 J	ND	ND	ND	ND	ND	NA	0.098	ND
Fluoranthene	50	μg/L	ND	ND	0.45	ND	ND	0.11	ND	NA	0.22	ND
Fluorene	50	μg/L	ND	0.3 J	0.13	ND	ND	ND	ND	NA	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND	ND	0.12	ND	ND	ND	ND	NA	ND	ND
2-Methylnapthalene		μg/L	ND	ND	0.2	ND	ND	ND	ND	NA	ND	ND
Naphthalene	10	μg/L	ND	ND	1.0	0.27	ND	ND	ND	NA	ND	0.32
Phenanthrene	50	μg/L	ND	0.1 J	0.28	ND	ND	ND	ND	NA	ND	ND
Pyrene	50	μg/L	0.35 J	0.3 J	0.4	ND	ND	ND	ND	NA	0.20	ND
Inorganics												
Cyanide, Total	200	μg/L	ND	ND	15	ND	ND	ND	ND	NA	ND	ND

#### Notes:

Results are presented in units of micrograms per liter (µg/L). Е

= Results exceeded calibration range

D = Compound quantitated using a secondary dilution

= Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.

Bolded = values indicate exceedance of the NYSDEC AWQS = Not Available



# **Groundwater Analytical Data**

MW-15RS

	NYSDEC TOGS 1.1.1	Units	09/22/14	10/19/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
	Guidance Values				• • • • • • • • • • • • • • • • • • • •							
BTEX												
Benzene	1	μg/L	750	170	4.8	9.7	49.6	79.0	57.9	26.1	97.0	3.1
Ethylbenzene	5	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	μg/L	0.54 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	5	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
Acenaphthene	20	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene		μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene		μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene		μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnapthalene		μg/L	ND	ND	0.14	ND						
Naphthalene	10	μg/L	ND	ND	0.85	0.52	0.14	ND	0.18	0.18	ND	ND
Phenanthrene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Inorganics												
Cyanide, Total	200	μg/L	160	64	67	41	51	54	68	67	56	60

#### Notes:

Results are presented in units of micrograms per liter ( $\mu g/L$ ).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Groundwater Analytical Data**

MW-17R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/25/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	ND	ND	ND	ND	1.7	2.9	2.6	ND	1.7	ND
Ethylbenzene	5	μg/L	ND									
Toluene	5	μg/L	ND									
Total Xylenes	5	μg/L	ND									
SVOCs												
Acenaphthene	20	μg/L	ND									
Acenaphthylene		μg/L	ND	ND	ND	ND	ND	0.30	ND	ND	ND	ND
Anthracene	50	μg/L	ND	ND	ND	ND	ND	0.13	ND	ND	ND	ND
Benzo(a)anthracene	0.002	μg/L	ND	ND	ND	ND	ND	0.18	ND	ND	ND	ND
Benzo(a)pyrene	ND	μg/L	ND	ND	ND	ND	ND	0.11	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	μg/L	ND	ND	ND	ND	ND	0.17	ND	ND	ND	ND
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND	ND	ND	ND	ND	0.14	ND	ND	ND	ND
Chrysene	0.002	μg/L	ND	ND	ND	ND	ND	0.11	ND	ND	ND	ND
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND	ND	ND	ND	ND	0.28	ND	ND	ND	ND
Fluorene	50	μg/L	ND	ND	ND	ND	ND	0.21	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND	ND	ND	ND	ND	0.35	ND	ND	ND	ND
Naphthalene	10	μg/L	ND	ND	0.13	0.37	0.21	1.9	0.17	0.13	0.19	ND
Phenanthrene	50	μg/L	ND	ND	ND	ND	ND	0.44	ND	ND	ND	ND
Pyrene	50	μg/L	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND
Inorganics												
Cyanide, Total	200	μg/L	ND									

#### Notes:

Results are presented in units of micrograms per liter ( $\mu g/L$ ).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Groundwater Analytical Data**

MW-19R

	NYSDEC TOGS 1.1.1											
	Guidance Values	Units	09/25/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	ND									
Ethylbenzene	5	μg/L	ND									
Toluene	5	μg/L	ND									
Total Xylenes	5	μg/L	ND									
SVOCs												
Acenaphthene	20	μg/L	ND									
Acenaphthylene		μg/L	ND									
Anthracene	50	μg/L	ND									
Benzo(a)anthracene	0.002	μg/L	ND									
Benzo(a)pyrene	ND	μg/L	ND									
Benzo(b)fluoranthene	0.002	μg/L	ND									
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND									
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND									
Fluorene	50	μg/L	ND									
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND									
Naphthalene	10	μg/L	ND	ND	0.30	0.12	ND	ND	0.14	ND	0.12	ND
Phenanthrene	50	μg/L	ND									
Pyrene	50	μg/L	ND									
Inorganics												
Cyanide, Total	200	μg/L	ND									

#### Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Groundwater Analytical Data**

#### MW-20R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/25/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	ND									
Ethylbenzene	5	μg/L	ND									
Toluene	5	μg/L	ND									
Total Xylenes	5	μg/L	ND									
SVOCs												
Acenaphthene	20	μg/L	ND									
Acenaphthylene		μg/L	ND									
Anthracene	50	μg/L	ND									
Benzo(a)anthracene	0.002	μg/L	ND									
Benzo(a)pyrene	ND	μg/L	ND									
Benzo(b)fluoranthene	0.002	μg/L	ND									
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND									
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND									
Fluorene	50	μg/L	ND									
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND	ND	0.14	ND						
Naphthalene	10	μg/L	ND	ND	0.89	0.21	ND	0.21	ND	ND	ND	ND
Phenanthrene	50	μg/L	ND									
Pyrene	50	μg/L	ND									
Inorganics												
Cyanide, Total	200	μg/L	ND									

#### Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



# **Appendix A – Field Inspection Reports**

Date:	10/18/2023	Ogdensburg, New York	Time:	9:00
Technician:	KL	NYSDEC Site No. V00479	Weather:	Cloudy 50

	Site Wi	de	
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:
Are the requirements of the Site Management Plan being met?	YES	NO	COMMENTS:
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	YES	NO	COMMENTS:

Site Wide - SLG Responsible to Maintain						
Perimeter Fence and Gates intact?	YES	NO	COMMENTS:			
Have the lawns been mowed?	YES	NO	COMMENTS:			

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:				
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:				

NG Owned Property on Lake Street - Not part of the SMP								
Any repairs, maintenace or corrective actions since the last inspection?	YES			NO	COMMENTS:			
Have the lawns been mowed?	YES	YES NO		NO	COMMENTS:			
Conditon of the sidewalks?	GOOD	F.A	AIR	POOR	COMMENTS:			
Condition of the site trees?	GOOD	F.A	AIR	POOR	COMMENTS:			
Are the boulders in place?	YES			NO	COMMENTS:			

Miscellaneous						
Evidence of Trespassing	YES			NO	COMMENTS:	
Litter	NONE	MIN	IOR	SIGNIFICANT	COMMENTS:	

Site Monitoring Wells						
Well ID.	Location	Secure				
MW-2(R)	YES	NO				
MW-5R(R)	YES	NO				
MW-8R	YES	NO				
MW-9	YES	NO				
MW-10R	YES	NO				
MW-11	YES	NO				
MW-12R	YES	NO				
MW-14R	YES	NO				
MW-15	YES	NO				
MW-15RS	YES	NO				
MW-17R	YES	NO				
MW-19R	YES	NO				
MW-20R	YES	NO				

# General Comments:

NYSDEC Brad Demo on site

Date:	7/13/2023	Ogdensburg, New York	Time:	9:00
Technician:	KL	NYSDEC Site No. V00479	Weather:	Sunny 76

	Site Wi	de	
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:
Are the requirements of the Site Management Plan being met?	YES	NO	COMMENTS:
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	YES	NO	COMMENTS:

Site Wide - SLG Responsible to Maintain					
Perimeter Fence and Gates intact?	YES	NO	COMMENTS:		
Have the lawns been mowed?	YES	NO	COMMENTS:		

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:		
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:		

NG Owned Property on Lake Street - Not part of the SMP					
Any repairs, maintenace or corrective actions since the last inspection?	YES			NO	COMMENTS:
Have the lawns been mowed?	YES		NO		COMMENTS:
Conditon of the sidewalks?	GOOD	F.A	AIR	POOR	COMMENTS:
Condition of the site trees?	GOOD	F/	AIR	POOR	COMMENTS:
Are the boulders in place?	YES			NO	COMMENTS:

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

Site Monitoring Wells				
Well ID.	Location Secure			
MW-2(R)	YES	NO		
MW-5R(R)	YES	NO		
MW-8R	YES	NO		
MW-9	YES	NO		
MW-10R	YES	NO		
MW-11	YES	NO		
MW-12R	YES	NO		
MW-14R	YES	NO		
MW-15	YES	NO		
MW-15RS	YES	NO		
MW-17R	YES	NO		
MW-19R	YES	NO		
MW-20R	YES	NO		

# General Comments:

City is onsite removing trees and debris around the old cheese factory. Walked the site with the crew to identify and markout the monitoring wells.

Date:	4/27/2023	Ogdensburg, New York	Time:	8:30
Technician:	KL	NYSDEC Site No. V00479	Weather:	Sunny 46

Site Wide				
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:	
Are the requirements of the Site Management Plan being met?	YES	NO	COMMENTS:	
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	YES	NO	COMMENTS:	

Site Wide - SLG Responsible to Maintain					
Perimeter Fence and Gates intact?	YES	NO	COMMENTS:		
Have the lawns been mowed?	YES	NO	COMMENTS:		

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:		
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:		

NG Owned Property on Lake Street - Not part of the SMP					
Any repairs, maintenace or corrective actions since the last inspection?	YES			NO	COMMENTS:
Have the lawns been mowed?	YES		NO		COMMENTS:
Conditon of the sidewalks?	GOOD	FA	MR	POOR	COMMENTS:
Condition of the site trees?	GOOD	FA	MR	POOR	COMMENTS:
Are the boulders in place?	YES			NO	COMMENTS:

Miscellaneous					
Evidence of Trespassing	YES	YES NO			COMMENTS:
Litter	NONE	MIN	IOR	SIGNIFICANT	COMMENTS:

Site Monitoring Wells				
Well ID.	Location Secure			
MW-2(R)	YES	NO		
MW-5R(R)	YES	NO		
MW-8R	YES	NO		
MW-9	YES	NO		
MW-10R	YES	NO		
MW-11	YES	NO		
MW-12R	YES	NO		
MW-14R	YES	NO		
MW-15	YES	NO		
MW-15RS	YES	NO		
MW-17R	YES	NO		
MW-19R	YES	NO		
MW-20R	YES	NO		

# General Comments:

Date:	1/25/2023	Ogdensburg, New York	Time:	9:45
Technician:	KL	NYSDEC Site No. V00479	Weather:	Cloudy 22

Site Wide						
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:			
Are the requirements of the Site Management Plan being met?	YES	NO	COMMENTS:			
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	YES	NO	COMMENTS:			

Site Wide - SLG Responsible to Maintain						
Perimeter Fence and Gates intact?	YES	NO	COMMENTS:			
Have the lawns been mowed?	YES	NO	COMMENTS: winter			

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:			
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:			

NG Owned Property on Lake Street - Not part of the SMP								
Any repairs, maintenace or corrective actions since the last inspection?	YES		NO		COMMENTS:			
Have the lawns been mowed?	YES		NO		COMMENTS: winter			
Conditon of the sidewalks?	GOOD	F.A	MR	POOR	COMMENTS:			
Condition of the site trees?	GOOD	F/	MR	POOR	COMMENTS:			
Are the boulders in place?				NO	COMMENTS:			

Miscellaneous						
Evidence of Trespassing	YES		YES NO		COMMENTS:	
Litter	NONE	MIN	IOR	SIGNIFICANT	COMMENTS:	

Site Monitoring Wells							
Well ID.	Location Secure						
MW-2(R)	YES	NO					
MW-5R(R)	YES	NO					
MW-8R	YES	NO					
MW-9	YES	NO					
MW-10R	YES	NO					
MW-11	YES	NO					
MW-12R	YES	NO					
MW-14R	YES	NO					
MW-15	YES	NO					
MW-15RS	YES	NO					
MW-17R	YES	NO					
MW-19R	YES	NO					
MW-20R	YES	NO					

# General Comments:

water bubbling out of manway. Installed a new gripper plug.



# **Appendix B – Well Sampling Field Data**

# National Grid King Street Non-Owned Former MGP Site Ogdensburg, New York

Well ID	Sample?	Well Size	DTW	DTP	DTB	Comments
MW-2(R)	Yes	2"	2.27		6.35	
MW-5R(R)	Yes	2"	-0.05		24.30	
MW-8R	Yes	2"	1.75		20.92	MS/MSD
MW-9	Yes	2"	4.91		6.35	
MW-10R	Yes	2"	0.00	-0.10	22.50	Field Duplicate
MVV-11	Yes	2"	2.95		6.51	ī
MW-12R	Yes	2"	6.36		21.40	
MW-14R	Yes	2"	0.00		50.80	
MW-15	Yes	2"	7-38		9.04	
MW-15RS	Yes	1"	9.91		23.65	
MW-17R	Yes	2"	6.59		26.90	
MW-19R	Yes	2"	2.08		38.05	
MW-20R	Yes	2"	0.13		28.40	

**DTW** -depth to water

DTP -depth to product

**DTB** -depth to bottom

National Grid King Street Non-Owned Former MGP Site Ogdensburg, New York

Sampling Pe	ersonnel: R	let har			Date: 🍴	27/23			
Job Number:	0603324-	136690-221			Weather: Sunny (60°				
Well Id.	MW-2(R)				Time In: 1047 Time Out: 1/25				
Well In	formation	-	TOC	Other	Well Type	· Elu	shmount	Stick-Up	
Depth to War	ter:	(feet)	227	Other	Well Lock		Yes	No No	
Depth to Bott		(feet)	6.35			Point Marked:	Yes	No	
Depth to Pro		(feet)	~		Well Material: PVC SS Other:				
Length of Water Column: (feet) 4/08					Well Diameter: 1" 2" Other:				
Volume of Water in Well: (gal) 5.65  Three Well Volumes: (gal) 1.95					Comments:				
Three vven v	olumes.	(gal)	1.13						
Purging I	Information	_							
D : 34.0							Conversion 1" ID 2" ID		
Purging Meth Tubing/Bailer		Baile Teflo	<del></del>	F	Ifos Pump lyethylene	gal/ft. of	1" ID 2" ID	4" ID 6" ID	
Sampling Me		Baile			Ifos Pump	water	0.04 0.16	0.66 1.47	
Average Pum		(ml/min)	200			1 gal	lon=3.785L=3785i		
Duration of P		(min)	36		<b></b>				
Total Volume	Removed:	(gal)		oid well go dry?	Yes No	X			
Horiba U-52 \	Water Quality I	Meter Used?	Yes	No No					
ah:					T		<del></del>	T	
Time	DTW	Temp	pH	ORP	Conductivity	Turbidity	DO (ma/l.)	TDS	
1050	(feet)	(°C)	7.92	(mV) -283	(mS/cm)	(NTU) 2.0	(mg/L)	(g/L)	
2611 - 1. TOTAL BARRET			8.31	-317	0.581	0.0	0.80	0.37/	
103 1 3	3.64	10:42							
1100	3.64	10.87	8.99	-315	0.475	3.9	0.67	0,308	
				-315	0.475		0.68	0.306	
1105	4.64	10.71	8.99 9.24 9.84	-315 -309 -297	0.475	3.9	2.00	0.306	
1100	4.64 5.48 5.82	10.71 10.67 10.80	8.99 9.24 9.84 11.19	-315 -309 -297 -295	0.475	3.9 0.0 6.0	0.68 2.00 3.27	0.306	
1105	4.64	10.71	8.99 9.24 9.84	-315 -309 -297	0.475	3.9	2.00	0.306	
1100	4.64 5.48 5.82	10.71 10.67 10.80	8.99 9.24 9.84 11.19	-315 -309 -297 -295	0.475	3.9 0.0 6.0	0.68 2.00 3.27	0.306	
1100	4.64 5.48 5.82	10.71 10.67 10.80	8.99 9.24 9.84 11.19	-315 -309 -297 -295	0.475	3.9 0.0 6.0	0.68 2.00 3.27	0.306	
1100	4.64 5.48 5.82	10.71 10.67 10.80	8.99 9.24 9.84 11.19	-315 -309 -297 -295	0.475	3.9 0.0 6.0	0.68 2.00 3.27	0.306	
1105 1110 1115 1120	4.64 5.48 5.82 5.85	10.71 10.67 10.80	8.99 9.24 9.84 11.19	-315 -309 -297 -295	0.475	3.9 0.0 6.0	0.68 2.00 3.27	0.306	
1100	4.64 5.48 5.82 5.85	10.71 10.67 10.80	8.99 9.24 9.84 11.19	-315 -309 -297 -295	0.475	3.9 0.0 6.0	0.68 2.00 3.27	0.306	
1/05 1/15 1/15 1/20	4.64 5.48 5.82 5.85	10.71 10.67 10.80	8.99 9.24 9.84 11.19 11.63	-315 -309 -297 -295	0.475	3.9 0.0 6.0	0.68 2.00 3.27 4.40	0.306	
1/05   1/15   1/15   1/20   Sampling Inf	7.69 5.78 5.83 5.85 5.85 6 Method 8270 46 Method 8260	10.71 10:67 10.80 11.12 11.22	9.99 9.29 9.84 11.19 11.63 PAH's	-315 -309 -297 -295	0.475	3.9 0.0 0.5 10.0 2-100 ml amb 3-40 ml vial:	0.68 2.00 3.22 4.40 ers Yes	0.306 0.277 0.335 0.452	
1/05   1/15   1/15   1/20   Sampling Inf	7.64 5.78 5.83 5.85	10.71 10:67 10.80 11.12 11.22	9.99 9.29 9.84 11.19 11.63 PAH's	-315 -309 -297 -295	0.475	3.9 0.0 0.5 j0.0	0.68 2.00 3.22 4.40 ers Yes	0.306 0.277 0.335 0.452	
Sampling Inf  EPA SW-84  EPA SW-84	7.64 5.78 5.83 5.85 5.85 6 Method 8270 46 Method 8260 46 Method 9012	10.7/ 10.80 11.12 11.22 SVOC F VOC'S R Total Cy	9.99 9.29 9.89 11.19 11.63 PAH's BTEX anide	-315 -309 -297 -295 -283	0.475	2 - 100 ml amb 3 - 40 ml vials 1 - 250 ml plas	0.68 2.70 3.27 4.40  ers Yes tic Yes	0.306 0.277 0.335 0.452	
1/05   1/15   1/15   1/20   Sampling Inf	7.69 5.78 5.83 5.85 5.85 6 Method 8270 46 Method 8260	10,7/   10,67   10,80   11,12   11,22   11,22   VOC's I   Total Cy	PAH's BTEX anide plicate?	-315 -309 -297 -295	0.475	2 - 100 ml amb 3 - 40 ml vials 1 - 250 ml plas	0.68 2.00 3.22 4.40 ers Yes	0.306 0.277 0.335 0.452	
Sampling Inf  EPA SW-84  EPA SW-84  EPA SW-82  Sample ID:  Sample Time:	7.06 7.67 5.78 5.83 5.85 5.85 6 Method 8270 46 Method 8260 46 Method 9012 MW-2(R)-0	10,7/   10,67   10,80   11,12   11,22   11,22   VOC's I   Total Cy	PAH's BTEX anide plicate?	-3/5 -309 -297 -295 -283	0.475 0.471 0.426 0.516 0.690	2 - 100 ml amb 3 - 40 ml vial: 1 - 250 ml plas	ers Yes tic Yes ace Courier Pick Ship to Pace	0.306 0.277 0-335 0.452	
Sampling Inf  EPA SW-84  EPA SW-84  EPA SW-84  Sample ID:	7.06 7.67 5.78 5.83 5.85 5.85 6 Method 8270 46 Method 8260 46 Method 9012 MW-2(R)-0	10,7/   10,67   10,80   11,12   11,22   11,22   VOC's I   Total Cy	PAH's BTEX anide plicate?	-3/5 -309 -297 -295 -283	0.475 0.471 0.426 0.516 0.690	2 - 100 ml amb 3 - 40 ml vials 1 - 250 ml plas	ers Yes tic Yes	0.306 0.277 0.335 0.437 0.437	

Ogdensburg, New York															
Sampling Personnel:	eter Lyon			Date: 4/											
	-136690-221			Weather:	Surry 65	o									
Well Id. MW-5R(R)					Time In: 1127 Time Out: 1205										
Well Information	_	TOO	Other	Well Type	. = =	shmount	Stick-Up								
Depth to Water:	(feet)	TOC -0.05	Other	Well Lock		Yes	No No								
Depth to Bottom:	(feet)	24.30	Measuring Point Marked:Yes No												
Depth to Product:	(feet)			Well Material: PVC SS Other:											
Length of Water Column:	(feet)	24.35		Well Diameter: 1" 2" Other:											
Volume of Water in Well:	(gal)	3.89		Comments	S:										
Three Well Volumes:	(gal)	11.68													
Purging Information					ma Andrew										
	_					Conversion I	Factors								
Purging Method:	Baile	r Peristalt	ic Grund	Ifos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID								
Tubing/Bailer Material:	Teflor	Stainless S		lyethylene	of										
Sampling Method:	Baile		ic Grund	Ifos Pump	water	0.04 0.16	0.66   1.47								
Average Pumping Rate:	(ml/min)	250			1 gall	on=3.785L=3785r	nL=1337cu. feet								
Duration of Pumping:	(min)	30	D: 1 1 1 1 1												
Total Volume Removed:	(gal)		Did well go dry?	Yes No											
Horiba U-52 Water Quality	Meter Used?	Ye	s No												
			T ====	Ta	T		T =50								
Time DTW	Temp	pН	ORP	Conductivity	Turbidity	DO (***)	TDS								
(feet)	(°C)	911	(mV) -322	(mS/cm)	(NTU)	(mg/L)	(g/L)								
1135 1.61	10.35	9.16	- 339	0.652	0,0	0.67	0.421								
1135 1.61	10.75	8.13	-341	0.657	0.0	0.61	0.420								
1145 3.43	10.30	8,02	-338	0.657	0.0	0.63	0.420								
1150 3.91	10:25	2.98	-336	0.657	0.0	0.64	0.420								
1153 4.39	10:25	7.94	-334	0.657	0.0	0-63	0.420								
1250 4.77	10.18	7.91	-332	0.658	0.0	0.64	0.421								
Sampling Information:															
EPA SW-846 Method 8270	SVOC F	PAH's			2 - 100 ml ambe	ers Yes	No								
EPA SW-846 Method 8260					3 - 40 ml vials		No I								
EPA SW-846 Method 9012					1 - 250 ml plas	tic Yes	No 🗌								
				1 0											
AND SECURITY OF THE PROPERTY O	0400 0	plicate?	ı Sh	ipped: Pa	ce Courier Pick	un IXI I									
Sample ID: MW-5R(R)			Yes No	9	T. P.										
Sample ID: MW-5R(R) Sample Time:		S/MSD?	Yes No		Laboratory:	Ship to Pace Pace Ana									

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Ogdensburg,	New TOIK							
Sampling Per	rsonnel:	AT			Date: 4	1/27/23		
Job Number:		136690-221			Weather:	49°F15	unny	
Well Id.	MW-8R				Time In:	1053	Time Out	:1140
VVCII Id.	WWW OIK					7.50		
Depth to Wat Depth to Bott Depth to Proc Length of Wat Volume of Wat Three Well Volume	om: duct: iter Column: ater in Well:	(feet) (feet) (feet) (feet) (gal) (gal)	TOC 1.75 20.92 NP 19.17 3.04 9.20	Other	Well Type Well Locke Measuring Well Mate Well Diam Comments	ed: Point Marked: rial: PVC eter: 1'	Yes Yes SS Ot	Stick-Up No No her:
							All Market pill of the control of th	
Purging Meth Tubing/Bailer Sampling Met Average Pum Duration of Pu Total Volume	Material: thod: ping Rate: 2.9 umping: 2	(min)	Stainless St. Peristaltic	Pol	fos Pump yethylene fos Pump  Yes No		Conversion F 1" ID 2" ID 0.04 0.16 on=3.785L=3785n	4" ID 6" ID 0.66 1.47
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
	(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1100	2.76	11:85	7.42	=109	1.1340000	11.3	6-13	0,741
1105	3,55	11.50	7,109	-164	0.761	0.0	10.03	0,497
1115	3.96	11,51	101	-169	0762	0.0	9.34	0,487
1120	3.99	11,49	7,72	-177	0.761	0.4	8.11	0.487
1125	4.01	11.34	7.71	-182 -185	0.758	4.3	5.22	0.485
Sampling Info	ormation:							
EPA SW-84	6 Method 8270 6 Method 8260 6 Method 9012 MS-0423 MV	SVOC P. VOC's B Total Cya V-8R-MSD-042	TEX anide			6 - 100 ml amb 9 - 40 ml vial: 3 - 250 ml plas	s Yes	
Sample ID:	MW-8R-04	<b>23</b> Dup	olicate?	Yes No X	Shi	pped: Pa	ace Courier Pickt	up 🔀 📗
Sample Time:	1135	MS/	/MSD?	Yes No L			Ship to Pace	
Comments/No	tes:					Laboratory:	Pace Ana	lytical

Greensburg, PA

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						AND AND ADDRESS OF THE PARTY OF		
Sampling Pe	rsonnel:	AJ			Date: 4	127/22		
Job Number:	0603324-1	36690-221			Weather:	470F,54	unv	
Well Id.	MW-9				Time In:	1005		1050
Well In	formation							
		•	TOC	Other	Well Type	: Flu	shmount	Stick-Up
Depth to Wat		(feet)	4.91		Well Lock		Yes	No
Depth to Bott	Control Control Control Control	(feet)	6.35			Point Marked:	Yes	No
Depth to Prod		(feet)	NP		Well Mate			ther:
Length of Wa		(feet)	1.44		Well Diam		2" \ 01	her:
Volume of Wa		(gal)	0.23		Comments	5.		
Three Well V	olumes:	(gal)	0.69		**************************************			
Puraina l	nformation			-				
- uiging i	omaton						Conversion	Factors
Purging Meth	od:	Bailer	Peristaltio	Grund	fos Pump	gal/ft.	1" ID 2" ID	
Tubing/Bailer		Teflon	Stainless St.		lyethylene	gai/it.		
Sampling Met		Bailer			fos Pump	water	0.04 0.16	0.66   1.47
	ping Rate: 2 b	(ml/min)				1 gall	on=3.785L=3785r	
Duration of Pu	umping: 3	(min)						
Total Volume	Removed:	(gal)	D	id well go dry?	Yes No	L		
Horiba U-52 V	Vater Quality M	eter Used?	Yes	No	-			
								,
		C3 Avg			TOTAL TOTAL STATE OF THE STATE			
Time	DTW [	Temp			Conductivity	Turbidity	DO	TDS II
Time	DTW (feet)	Temp (°C)	рН	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Time	I .	Temp (°C)	рН	ORP		(NTU)	(mg/L)	(g/L)
	(feet)	(°C)		ORP (mV)	(mS/cm)	7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	73,000 0 0,000	
1010	(feet) 5.35 5.71	(°C) 9.96	pH 8-82 7.27 7.24	ORP (mV)	(mS/cm) 1-01 1-146 1-46	(NTU) 77.0 121 116	(mg/L)	(g/L) 0:62)
1010 1015 1020 1025	(feet) \$.35 \$.41 \$.41	(°C) 996 10,68 10.86 11.11	pH 8-82 7.27 7.24 7.21	ORP (mV) -78 -77 -77 -78	(mS/cm) 1-01 1-46 1-46	(NTU) 77.0 121 116 98.5	(mg/L) 3.82 3.30 5.97 6.65	(g/L) 0:621 6:935 0:935 0:538
1010 1015 1020 1025 1025	(feet) \$.35" \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86	pH 8-82 7.27 7.24 7.21 7.21	ORP (mV) -78 -77 -77 -78 -84	(mS/cm) 1-01 1-46 1-47 1-48	(NTU) 77.0 121 116 98.8 63.2	(mg/L) 3.52 3.50 5.97 6.05 6.54	(g/L) 0.621 6.935 0.935 0.538 6,945
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 996 10,68 10.86 11.11	pH 8-82 7.27 7.24 7.21	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.5 63.2 48.3	(mg/L)  3.57  3.50  5.97  6.05  6.54  8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030	(feet) \$.35" \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51	pH 8-82 7.27 7.24 7.21 7.21	ORP (mV) -78 -77 -77 -78 -84	(mS/cm) 1-01 1-46 1-47 1-48	(NTU) 77.0 121 116 98.8 63.2	(mg/L) 3.52 3.50 5.97 6.05 6.54	(g/L) 0.621 6.935 0.935 0.538 6,945
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.5 63.2 48.3	(mg/L)  3.57  3.50  5.97  6.05  6.54  8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.5 63.2 48.3	(mg/L)  3.57  3.50  5.97  6.05  6.54  8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.5 63.2 48.3	(mg/L)  3.57  3.50  5.97  6.05  6.54  8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.5 63.2 48.3	(mg/L)  3.57  3.50  5.97  6.05  6.54  8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030 1035 1046	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.5 63.2 48.3	(mg/L)  3.57  3.50  5.97  6.05  6.54  8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.5 63.2 48.3	(mg/L)  3.57  3.50  5.97  6.05  6.54  8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
/0/0 /0/5 /020 /025 /035 /035 1046	(feet)  \$.357  \$.41  \$.41  \$.41  \$.41  \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.57 12.06	pH  8-82  7.27  7.21  7.21  7.22  7.26  7.25	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm)  1-01  1-46  1-47  1-48  1-48  1-47	(NTU) 77.0 121 116 98.8 63.2 48.3 22.4	(mg/L)  3.52  5.97  6.65  6.54  8.16  9.43	(g/L) 0.62) 6.935 0.935 0.538 6.945 0.546 0.541
1010   1015   1020   1025   1030   1035   1046   Sampling Info	(feet)  \$.35  \$.41  \$.41  \$.41  \$.41  \$.41  \$.41  \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.57 12.06	pH  8-82  7.27  7.29  7.21  7.22  7.26  1.25	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm)  1-01  1-46  1-47  1-48  1-48  1-47	(NTU) 77.0 121 116 98.5 63.2 48.3 32.4	(mg/L)  3.52  3.50  5.97  6.05  6.54  8.16  9.43	(g/L) 0.621 6.935 0.935 0.538 6.945 0.546 0.541
1010   1015   1020   1025   1030   1035   1046   Sampling Info	(feet)  \$.357  \$.41  \$.41  \$.41  \$.41  \$.41	(°C) 9.96 10.68 10.54 11.11 11.51 11.57 12.06  SVOC PA	pH  8-82  7.27  7.21  7.21  7.22  7.26  7.25	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm)  1-01  1-46  1-47  1-48  1-48  1-47	(NTU) 77.0 12.1 17.6 98.8 63.2 48.3 22.4 2-100 ml ambe 3-40 ml vials	(mg/L)  3.52  5.97  6.05  6.54  8.16  9.43  ers Yes	(g/L) 0.62) 0.935 0.935 0.538 0.945 0.546 0.541
1010   1015   1020   1025   1030   1035   1046   Sampling Info	(feet)  5.35  6.71  5.71  5.71  5.71  5.71  6.71	(°C) 9.96 10.68 10.86 11.11 11.51 11.57 12.06	pH  8-82  7.27  7.21  7.21  7.22  7.26  7.25	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm)  1-01  1-46  1-47  1-48  1-48  1-47	(NTU) 77.0 121 116 98.5 63.2 48.3 32.4	(mg/L)  3.52  5.97  6.05  6.54  8.16  9.43  ers Yes	(g/L) 0.621 6.935 0.935 0.538 6.945 0.546 0.541
1010   1015   1020   1025   1030   1035   1046   Sampling Info	(feet)  5.35  6.71  5.71  5.71  5.71  5.71  6.71	(°C) 9.96 10.68 10.86 11.11 11.51 11.57 12.06  SVOC PA	pH  8-82  7.27  7.29  7.21  7.22  7.26  1.25	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm)  1-01  1-46  1-47  1-48  1-48  1-47	(NTU) 77.0 121 1/6 98.8 63.2 4/8.3 22.4  2-100 ml ambe 3-40 ml vials 1-250 ml plass	(mg/L)  3.52  5.97  6.05  6.54  8.16  9.43  ers Yes	(g/L) 0.621 6.935 0.935 0.538 6.945 0.546 0.541
1010   1015   1020   1025   1030   1035   1046   Sampling Info   EPA SW-84   EPA SW-84   EPA SW-84	(feet)  5.35  6.41  5.41  5.41  5.41  5.41  6.41	(°C) 9.96 10.68 10.89 11.11 11.51 11.57 12.06  SVOC PA VOC's B' Total Cyal	pH  8-82  7.27  7.29  7.21  7.22  7.26  7.25  AH's rex nide	ORP (mV) -78 -77 -77 -78 -84 -93 -96	(mS/cm)  1-01  1-46  1-47  1-48  1-48  1-47	(NTU) 77.0 121 1/6 98.8 63.2 4/8.3 22.4  2-100 ml ambe 3-40 ml vials 1-250 ml plass	(mg/L)  3.52  5.97  6.65  6.54  8.16  9.43  ers Yes ic Yes	(g/L) 0.621 6.935 0.935 0.538 6.945 0.546 0.541
Sampling Info  EPA SW-84  EPA SW-84  EPA SW-84  EPA SW-84  EPA SW-84	(feet)  5.35  6.77  5.77  5.77  5.77  5.77  5.77  6 Method 8270 6 Method 8260 6 Method 9012  MW-9-0423	(°C) 9.96 10.68 10.89 11.11 11.51 11.57 12.06  SVOC PA VOC's B' Total Cyal	pH  8-82  7.27  7.29  7.21  7.22  7.26  7.25  AH's rex nide	ORP (mV) -78 -77 -77 -78 -89 -93 -96	(mS/cm)  1-01  1-146  1-47  1-48  1-47  1-48  1-47	(NTU) 77.0 12.1 1/6 98.8 63.2 48.3 32.4 2-100 ml ambe 3-40 ml vials 1-250 ml plast	ers Yes ic Yes Ship to Pace	(g/L) 0.62) 0.935 0.935 0.538 0.945 0.546 0.541
1010   1020   1025   1020   1025   1030   1035   1046	(feet)  5.35  6.77  5.77  5.77  5.77  5.77  5.77  6 Method 8270 6 Method 8260 6 Method 9012  MW-9-0423	(°C) 9.96 10.68 10.89 11.11 11.51 11.57 12.06  SVOC PA VOC's B' Total Cyal	pH  8-82  7.27  7.29  7.21  7.22  7.26  7.25  AH's rex nide	ORP (mV) -78 -77 -77 -78 -89 -93 -96	(mS/cm)  1-01  1-146  1-47  1-48  1-47  1-48  1-47	(NTU) 77.0 121 1/6 98.8 63.2 4/8.3 22.4  2-100 ml ambe 3-40 ml vials 1-250 ml plass	ers Yes ic Yes ce Courier Picku	(g/L) 0.62) 0.935 0.935 0.935 0.945 0.546 0.541

Sampling Per	rsonnel:	AT			Date: 4	127/23		
Job Number:	0603324-	136690-221			Weather:	440F,50	inny	
Well Id.	MW-10R				Time In:	0915		1000
Well Int	formation					2		
Donath to Mot		75 0	TOC	Other	Well Type: Well Locke		shmount Yes	Stick-Up
Depth to Wat		(feet)	22.50			eu. Point Marked:	Yes	No No
Depth to Prod		(feet)	NP		Well Mater			ther:
Length of Wa	ter Column:	(feet)	22.40		Well Diam	eter: 1'	' 2" Ot	ther:
Volume of Wa		(gal)	3,58		Comments	:		
Three Well V	olumes:	(gal)	10.7					
Puraina li	nformation							
	Monnation	•					Conversion I	Factors
Purging Meth	od:	Bailer	Peristaltic	Grund	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer		Teflor	Stainless St.		yethylene	of		
Sampling Met		Bailer	Peristaltic	Grund	fos Pump	water	0.04 0.16	
Average Pum		(ml/min)				1 gall	on=3.785L=3785r	nL=1337cu. feet
Duration of Pu		(gal)		oid well go dry?	Yes No			
					resno	~		
Horiba U-52 V	Vater Quality N	leter Used?	Yes	No.				
					We see and as a first the second			
Time	DTW	Temn	l nu	I ORP	Conductivity	Turbidity	l no	I TOS II
Time	DTW (feet)	Temp (°C)	рН	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
	DTW (feet)	(°C)	pH /0.2_4	ORP (mV)	(mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
7ime 0925	(feet)		•	(mV)		(NTU) 0.0 0.0	(mg/L) 3.26 4.41	(g/L) 0.305 0.300
0925 0925	(feet) 0.70 0.90	(°C) 10.26 9.98 9.63	10.34	(mV) -9 -31	(mS/cm) 0,469 0,461 0,459	(NTU) 0.0 0.0 0.0	(mg/L) 3.26 4.41 3.47	(g/L) 0.325 0.300 0.298
0925 0925 0930	(feet) 0.70 0.90 1.15	(°C) 10.26 9.98 9.63	10.34 10.35 10.34 10.34	(mV) -9 -31 -63 -66	(mS/cm) 0,469 0,461 0,459 0,464	(NTU) 0.0 0.0 0.0 0.0	(mg/L) 3,2(e) 4,41 3,47 3,17	(g/L) 0.335 0.300 0.298 0.302
0925 0935 0935 0935 0940	(feet) 0.70 0.90 1.15 1.45	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.34 10.32	(mV) -9 -31 -63 -64 -104	(mS/cm) 0,469 0,461 0,459 0,464 6,469	(NTU)  O O O O O O O O O O	(mg/L) 3,2(o 4,41 3,47 3,17 3,01	(g/L) 0.325 0.300 0.298 0.302 0.304
0925 0925 0930 0935 0940	(feet) 0.70 0.90 1.15 1.45 1.78 2.05	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.325 0.300 0.298 0.302 0.304 0.304
0925 0935 0935 0935 0940	(feet) 0.70 0.90 1.15 1.45	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.34 10.32	(mV) -9 -31 -63 -64 -104	(mS/cm) 0,469 0,461 0,459 0,464 6,469	(NTU)  O O O O O O O O O O	(mg/L) 3,2(o 4,41 3,47 3,17 3,01	(g/L) 0.325 0.300 0.298 0.302 0.304
0925 0925 0930 0935 0940	(feet) 0.70 0.90 1.15 1.45 1.78 2.05	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.325 0.300 0.298 0.302 0.304 0.304
0925 0925 0930 0935 0940	(feet) 0.70 0.90 1.15 1.45 1.78 2.05	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.305 0.300 0.298 0.302 0.304 0.304
0925 0925 0930 0935 0940	(feet) 0.70 0.90 1.15 1.45 1.78 2.05	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.305 0.300 0.298 0.302 0.304 0.304
0925 0930 0935 0935 0940 0945 0950	(feet) 0.70 0.90 1.15 1.45 1.78 2.35 2.30	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.305 0.300 0.298 0.302 0.304 0.304
0925 0925 0930 0935 0940	(feet) 0.70 0.90 1.15 1.45 1.78 2.35 2.30	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.305 0.300 0.298 0.302 0.304 0.304
0925 0930 0935 0940 0945 0950	(feet) 0.70 0.90 1.15 1.45 1.78 2.35 2.30	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.76 10.21	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 0,469 0,469		(mg/L) 3,2(0 4,41 3,47 3,01 3,01 3,01	(g/L) 0.305 0.300 0.298 0.302 0.304 0.304
0925 0930 0935 0935 0940 0945 0950 Sampling Info	(feet) 0.70 0.90 1.15 1.78 2.30  ormation:	(°C) 10.26 9.98 9.63 9.54 9.57 9.65 9.72	10.34 10.35 10.34 10.32 10.76 10.21	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 0,469 0,469	(NTU)  O O O O O O O O O O O O O O O O	(mg/L) 3,2(e) 4,41 3,47 3,01 3,01 3,06	(g/L) 0.305 0.300 0.298 0.302 0.304 0.305
0925 0930 0935 0935 0940 0945 0950 Sampling Info	(feet) 0.70 0.90 1.15 1.78 2.05 2.20  ormation:	(°C) 10.26 9.98 9.63 9.54 9.57 9.65 9.72	10.34 10.35 10.34 10.32 10.76 10.21	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 0,469 0,469	(NTU)  O O O O O O O O O O O O O O O O O O O	(mg/L) 3,2(e) 4,41 3,47 3,01 3,01 3,06 3,06 8 ers Yes	(g/L) 0.305 0.300 0.298 0.302 0.304 0.305
0930 0935 0935 0935 0940 0945 0950 Sampling Info EPA SW-84 EPA SW-84 EPA SW-84	(feet) 0.70 0.90 1.15 1.78 2.05 2.20  ormation: 6 Method 8270 6 Method 8260 6 Method 9012 423	(°C) / 0. 2 (e) 9. 9. 8 9. 6 3 9. 6 3 9. 6 4 9. 5 7 9. 6 5 9. 6 7 9. 7 9. 7 9. 7 9. 7 9. 7 9. 7 9. 7 9.	10.34 10.35 10.32 10.76 10.21	(mV) -9 -31 -63 -86 -104 -111 -113	(mS/cm) 0,469 0,461 0,459 0,469 0,471 0,469	(NTU)  O O O O O O O O O O O O O O O O O O O	(mg/L) 3,2(e) 4,41 3,47 3,01 3,01 3,01 3,06  ers Yes tic Yes	(g/L) 0.305 0.300 0.298 0.302 0.304 0.305
0925 0935 0935 0935 0940 0945 0950 Sampling Info EPA SW-84 EPA SW-84 EPA SW-84 FD-0 Sample ID:	(feet) 0.70 0.90 1.15 1.78 2.05 2.20  ormation: 6 Method 8270 6 Method 8260 6 Method 9012 423 MW-10R-04	(°C)  10.26  9.98  9.63  9.54  9.55  9.65  7.72  SVOC P  VOC's E  Total Cya	10.34 10.35 10.32 10.32 10.76 10.21 AH's STEX anide	(mV) -9 -31 -63 -86 -104 -113	(mS/cm) 0,469 0,461 0,459 0,469 0,471 0,469	(NTU)  O O O O O O O O O O O O O O O O O O O	ers Yes tic Yes	(g/L) 0.305 0.300 0.298 0.302 0.304 0.305
0930 0935 0935 0935 0940 0945 0950 Sampling Info EPA SW-84 EPA SW-84 EPA SW-84	(feet) 0.70 0.90 1.15 1.78 2.05 2.20  ormation: 6 Method 8270 6 Method 8260 6 Method 9012 423 MW-10R-04	(°C)  10.26  9.98  9.63  9.54  9.55  9.65  7.72  SVOC P  VOC's E  Total Cya	10.34 10.35 10.32 10.32 10.76 10.21 AH's STEX anide	(mV) -9 -31 -63 -86 -104 -111 -113	(mS/cm) 0,469 0,469 0,469 0,471 0,469 Shi	(NTU)  O O O O O O O O O O O O O O O O O O O	(mg/L) 3,2(e) 4,41 3,47 3,01 3,01 3,01 3,06  ers Yes tic Yes	(g/L) 0.305 0.300 0.298 0.304 0.304 0.305

Sampling Pe	rsonnel: R	tel you			Date: 4/	127/23		
Job Number:		136690-221		752 West 15 - 425 5 - 45	Weather:	Sunny 6	00	
Well Id.	MW-11				Time In:	415	Time Out	t: 9955
Well In	formation	_					5	
			TOC	Other	Well Type		shmount	Stick-Up
Depth to Wat		(feet)	2.95		Well Lock		Yes	No
Depth to Bott		(feet)	6.51		Well Mate	Point Marked: rial: PVC	Yes X	Nother:
Length of Wa		(feet)	3.56		Well Diam			ther:
Volume of W			0.56		Comments			
Three Well V		(gal)	1.2		3	-23/0		
Purging I	nformation	_				r		
							Conversion	
Purging Meth		Baile			fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Sampling Me		Teflor Bailer			yethylene X	of water	0.04 0.16	0.66 1.47
Average Pum		(ml/min)	200	Grand	los r ump		on=3.785L=3785i	
Duration of P		(min)	30				011 017 002 0100	70010011001
Total Volume	The state of the s	(gal)		oid well go dry?	Yes No	X		
Horiba U-52 \	Nater Quality I	Weter Used?	Yes	No		7		
Tioriba o oz i	vator damity i							
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
	(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
0920	2.99	12.55	6.88	85	1.20	146	1.40	0.770
0925	2.99	12.35	6.71	91	1.21	129	1.13	0.776
0930	2.99	11.95	6.64	92	1.22	118	1.02	0.779
0935	2.99	11.97	6.61	93	1.22	113	0.96	0.779
6990	2.99	11.87	6.61	92	1.22	102	0.96	0.778
0945	2.99	11.46	6.61	92	1.23	93.9	0.92	0.786
0950	2.99	11.36	6.60	01	1.23	///	0.07	0.701
Sampling Inf	ormation:							
EPA SW-84	16 Method 8270	SVOC F	AH's			2 - 100 ml amb	ers Yes	No
EPA SW-84	46 Method 8260	VOC's E	BTEX			3 - 40 ml vials	s Yes	No
EPA SW-84	46 Method 9012	Total Cya	anide			1 - 250 ml plas	tic Yes	No No
		-	P ( 5		61		0 5	
Sample ID:	MW-11-04			Yes No	Shi	pped: Pa	ce Courier Pick	up 🎽 📗
Sample Time:	0950	MS	/MSD?	Yes No X			Ship to Pace	
Comments/No	otes:					Laboratory:	Pace Ana	
vrrmt88-vm3\syra	04) 5 11		=O vlam				Greensbu	irg, PA
urrmty y um 2 cura	cuse-UT\Dashhoa	rg\Planning\9513	ny.xism					

Sampling Personnel:	Pelis Ino			Date: 4/	127/23							
Job Number: 0603	324-136690-221			Weather:	Suny 6	o ~						
Well Id. MW-12	R				1007		:					
Well Information	to	17										
		TOC	Other	Well Type		shmount	Stick-Up					
Depth to Water:	(feet)	6.36	Well Locked: Yes No									
Depth to Bottom:	(feet)	21.40	Measuring l	Measuring Point Marked: Yes No Well Material: PVC SS Other:								
Depth to Product: Length of Water Colur	(feet)	15.64		Well Diam			her:					
Volume of Water in W		2.40		Comments								
Three Well Volumes:	(gal)	7.21										
					100000000000000000000000000000000000000							
Purging Information	n						,					
			5-2	<b></b>		Conversion						
Purging Method:	Baile			fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID					
Tubing/Bailer Material:	Teflo			yethylene fos Pump	of water	0.04 0.16	0.66 1.47					
Sampling Method: Average Pumping Rate	Baile (ml/min)	Peristalti	c Grund	Tos Pump		Ion=3.785L=3785r						
Duration of Pumping:	(min)	30			1 gai	1011-3.703L-37001	IIL-1007 cd. loct					
Total Volume Remove			Did well go dry?	Yes No	X							
Horiba U-52 Water Qu			s No									
Horiba 0-52 Water Qu	ality Meter Osed?	160										
Time DTV	/ Temn	T nH	T ORP	Conductivity	Turbidity	T DO	TDS					
Time DTV		рН	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)					
(fee	) (°C)		(mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)					
	) (°C) 3 /2.5?	7.41	WANTED PROCESS	(mS/cm)	(NTU)	(mg/L) 1.4) 0.85	(g/L) 0.430 0.431					
/oo5 2.3	) (°C) 3 /2.57 ) //.7-3	7.41 7.42 7.43	(mV) -261 -305 -314	(mS/cm) 0-673 0.675 0.675	(NTU) 1.9 0.0	(mg/L) 1.47 0.85 0.78	(g/L) 0.430 0.431 0.432					
(feet) /005 7.3 p/6 8.6 /0/5 7.3/ /0/0 9.9/	) (°C) 3 12.58 ) 11.73 11.88 11.71	7.41 7.42 7.43 7.45	(mV) -261 -305 -314 -321	(mS/cm) 0.673 0.675 0.675 0.677	(NTU) 1. 9 0.0 0.0	(mg/L) 1.47 0.85 0.78 0.74	(g/L) 0.430 0.431 0.432 0.433					
(feet) /005 7.3 p/6 8.6 /0/5 7.3/ /0/0 9.9/ /0/0 / /0/0 / /0/0	(°C) 8 12.58 2 11.73 11.88 11.71 11.72	7.41 7.42 7.43 7.45 7.46	(mV) -261 -305 -314 -321 -326	(mS/cm) 0.673 0.675 0.675 0.677 0.678	(NTU) 1. % 0. 0 0. 0 0. 0	(mg/L) 1.47 0.85 0.78 0.74 0.77	(g/L) 0.430 0.431 0.432 0.433 0.435					
(feet) /005 7.3 /016 8.6 /015 9.3 /020 9.9 /025 /0.6 /030 /0.8	(°C) 8 12.58 3 11.73 11.88 11.71 10 11.72 11.77	7.41 7.42 7.43 7.45 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.678	(NTU) 1. 9 0.0 0.0 0.0 0.0	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.434					
(feet) /005 7.3 p/6 8.6 /0/5 7.3/ /0/0 9.9/ /0/0 / /0/0 / /0/0	(°C) 8 12.58 3 11.73 11.88 11.71 10 11.72 11.77	7.41 7.42 7.43 7.45 7.46	(mV) -261 -305 -314 -321 -326	(mS/cm) 0.673 0.675 0.675 0.677 0.678	(NTU) 1. % 0. 0 0. 0 0. 0	(mg/L) 1.47 0.85 0.78 0.74 0.77	(g/L) 0.430 0.431 0.432 0.433 0.435					
(feet 1005 7.3 p. 16 8.6 p. 16 9.3 p. 16 9.9 p. 16 p.	(°C) 8 12.58 3 11.73 11.88 11.71 10 11.72 11.77	7.41 7.42 7.43 7.45 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.678	(NTU) 1. 9 0.0 0.0 0.0 0.0	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.434					
(feet) /005 7.3 /016 8.6 /015 9.3 /020 9.9 /025 /0.6 /030 /0.8	(°C) 8 12.58 3 11.73 11.88 11.71 10 11.72 11.77	7.41 7.42 7.43 7.45 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.678	(NTU) 1. 9 0.0 0.0 0.0 0.0	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.434					
(feet 1005 7.3 p. 16 8.6 p. 16 9.3 p. 16 9.9 p. 16 p.	(°C) 8 12.58 3 11.73 11.88 11.71 10 11.72 11.77	7.41 7.42 7.43 7.45 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.678	(NTU) 1. 9 0.0 0.0 0.0 0.0	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.434					
(feet 1005 7.3 p. 16 8.6 p. 16 9.3 p. 16 9.9 p. 16 p.	(°C) 8 12.58 3 11.73 11.88 11.71 10 11.72 11.77	7.41 7.42 7.43 7.45 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.678	(NTU) 1. 9 0.0 0.0 0.0 0.0	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.434					
(feet 1005 7.3 p. 16 8.6 p. 16 9.3 p. 16 9.9 p. 16 p.	(°C) 3	7.41 7.42 7.43 7.45 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.678	(NTU) 1. 9 0.0 0.0 0.0 0.0	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.434					
(feet 1005 7.3 7.3 7.6 8.6 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3	) (°C) 3 12.58 ) 11.73 11.88 11.71 11.72 11.77 5 11.77	7.41 7.42 7.43 7.45 2.46 2.47 2.48	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.678	(NTU) 1.9 0.0 0.0 0.0 0.0 0.0	(mg/L) 1.47 0.85 0.78 0.74 0.72 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435					
(feet 1005 7.3 7.3 7.6 8.6 1015 7.3 1020 7.9 1025 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	(°C) (°C) (°C) (°C) (°C) (°C) (°C) (°C)	7.41 7.43 7.43 7.45 7.46 7.47 7.48	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.678	(NTU)  1. 9  0. 0  0. 0  0. 0  0. 0  0. 0  2 - 100 ml amb	(mg/L) 1.4) 0.85 0.78 0.72 0.72 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435					
(feet	(°C)  (°C)  (12.58  )	7.41 7.43 7.43 7.45 2.46 2.47 7.48 PAH's	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.678	(NTU)  1. 9  0. 0  0. 0  0. 0  0. 0  2 - 100 ml amb 3 - 40 ml vial	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72 0.72 8	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435 0.435					
(feet 1005 7.3 7.3 7.6 8.6 1015 7.3 1020 7.9 1025 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	(°C)  (°C)  (12.58  )	7.41 7.43 7.43 7.45 2.46 2.47 7.48 PAH's	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.678	(NTU)  1. 9  0. 0  0. 0  0. 0  0. 0  0. 0  2 - 100 ml amb	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72 0.72 8	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435 0.435					
(feet	(°C) (°C) (°C) (°C) (°C) (°C) (°C) (°C)	7.41 7.43 7.45 7.45 7.46 7.47 7.48 PAH's BTEX	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679 0.673	(NTU)  1. 9  0. 0  0. 0  0. 0  0. 0  0. 0  1. 0  0. 0  0. 0  0. 0  1. 0  0. 0	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72 0.72 8	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435 0.435 No No No					
(feet	(°C) 3	7.41 7.42 7.43 7.45 7.45 7.46 7.47 7.48 PAH's BTEX vanide	(mV) -261 -305 -314 -321 -326 -328 -330	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679 0.673	(NTU)  1. 9  0. 0  0. 0  0. 0  0. 0  0. 0  1. 0  0. 0  0. 0  1. 0  0. 0  0. 0  0. 0  1. 0  0. 0	(mg/L)  1. 1)  0. 85  0. 78  0. 72  0. 72  0. 72  0. 72  ers Yes stic Yes	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435 0.435 No No No					

Sampling Personnel:	Date: 4/27/27
Job Number: 0603324-136690-221	Weather: Sury 46
Well Id. MW-14R	Time In: 09:00 Time Out:09:55
W. II. C	
Well Information TOC Other	Well Type: Flushmount Stick-Up
Depth to Water: (feet)	Well Locked: Yes No
Depth to Bottom: (feet) 50.80	Measuring Point Marked: Yes No No
Depth to Product: (feet)	Well Material: PVC SS Other:
Length of Water Column: (feet) 50 9h  Volume of Water in Well: (gal) 5.72	Well Diameter: 1" 2" Other:
Volume of Water in Well: (gal) 3.72  Three Well Volumes: (gal) 27-39	Comments.
Tillee voil voidilles.	
Purging Information	Conversion Factors
Purging Method: Bailer Peristaltic Grundfo	
	ethylene gal/ft. 1" ID 2" ID 4" ID 6" ID gal/ft.
7 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	os Pump water 0.04 0.16 0.66 1.47
Average Pumping Rate: (ml/min)	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (min) 30	
Total Volume Removed: (gal) 2 Did well go dry?	Yes No
Horiba U-52 Water Quality Meter Used?	
Time DTW Temp pH ORP	Conductivity Turbidity DO TDS
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
(feet) (°C) (mV)	(mS/cm) (NTU) (mg/L) (g/L)
09:20 0:00 13:52 7-56 -121	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.39
09:28 0.00 13.52 7.56 -121	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-652 0-0 0.66 0.41
09:20 0:00 13:52 7-56 -121 09:28 0:00 1:91 7:14 -149 09:30 0:00 12:01 7:00 -167	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-651 0-0 0.66 0.41
09:20 0:00 13:52 7-56 -121 09:28 0:00 1:91 7:14 -149 09:30 0:00 12:01 7:00 -167	(mS/cm) (NTU) (mg/L) (g/L)  0-612 0-0 2-06 0.395  0-652 0-0 0.66 0.411  0-655 0-0 0.68 0.419
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-08 -167 09:35 0.60 12.12 7-04 -183	(mS/cm) (NTU) (mg/L) (g/L)  0-612 0-0 2-06 0.395  0-652 0-0 0.65 0.419  0-655 0-0 0.65 0.419  0-657 0-0 0-41 0-420  0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-06 -167 19:35 0.00 12.12 7-04 -183 09:40 0.00 12.10 7-07 -209	(mS/cm) (NTU) (mg/L) (g/L)  0.612 0.0 2.06 0.395  0.652 0.0 0.65 0.419  0.655 0.0 0.65 0.419  0.657 0.0 0.65 0.419
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-00 -167 09:35 0.00 12.12 7-04 -183 09:45 0.00 12.16 7-07 -209 09:45 0.00 12.16 7-08 -229	(mS/cm) (NTU) (mg/L) (g/L)  0-612 0-0 2-06 0.395  0-652 0-0 0.65 0.419  0-655 0-0 0.65 0.419  0-657 0-0 0-41 0-420  0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-00 -167 09:35 0.00 12.12 7-04 -183 09:45 0.00 12.16 7-07 -209 09:45 0.00 12.16 7-08 -229	(mS/cm) (NTU) (mg/L) (g/L)  0-612 0-0 2-06 0.395  0-652 0-0 0.65 0.419  0-655 0-0 0.65 0.419  0-657 0-0 0-41 0-420  0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-00 -167 09:35 0.00 12.12 7-04 -183 09:45 0.00 12.16 7-07 -209 09:45 0.00 12.16 7-08 -229	(mS/cm) (NTU) (mg/L) (g/L)  0-612 0-0 2-06 0.395  0-652 0-0 0.65 0.419  0-655 0-0 0.65 0.419  0-657 0-0 0-41 0-420  0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-00 -167 09:35 0.00 12.12 7-04 -183 09:45 0.00 12.16 7-07 -209 09:45 0.00 12.16 7-08 -229	(mS/cm) (NTU) (mg/L) (g/L)  0-612 0-0 2-06 0.395  0-652 0-0 0.65 0.419  0-655 0-0 0.65 0.419  0-657 0-0 0-41 0-420  0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-00 -167 09:35 0.00 12.12 7-04 -183 09:45 0.00 12.16 7-07 -209 09:45 0.00 12.16 7-08 -229	(mS/cm) (NTU) (mg/L) (g/L)  0-612 0-0 2-06 0.395  0-652 0-0 0.65 0.419  0-655 0-0 0.65 0.419  0-657 0-0 0-41 0-420  0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7.14 -149 09:30 0.00 12.01 7.00 -167 09:35 0.60 12.12 7.04 -183 09:40 0.00 12.10 7.07 -2.09 09:45 0.00 12.16 7.06 -229 09:45 0.00 12.16 7.16 7.37	(mS/cm) (NTU) (mg/L) (g/L)  0-612 0-0 2-06 0.395  0-652 0-0 0.65 0.419  0-655 0-0 0.65 0.419  0-657 0-0 0-41 0-420  0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 1.91 7.14 -149 09:30 0.00 12.01 7.06 -167 19:35 0.60 12.12 7.04 -183 09:40 0.00 12.10 7.07 -209 09:45 0.00 12.16 7.08 -229 09:50 0.00 12.16 7.11 237	(mS/cm) (NTU) (mg/L) (g/L)  0-6/2 0-0 2-06 0.395  0-657 0-0 0.69 0.419  0-655 0-0 0.65 0.419  0-657 0-0 0.65 0.419  0-657 0-0 0.65 0.419  0-657 0-0 0.65 0.419  0-657 0-0 0.420  0-650 0.0 0.96 0.420  0-650 0.0 0.96 0.420  0-650 0.0 0.96 0.420  0-650 0.0 0.96 0.420  0-650 0.0 0.96 0.420  0-650 0.0 0.96 0.420
CG:20 0.00   13.52   7-56   - 21   09:28   0-00   10.91   7-19   - 99   09:30   0.00   12.01   7-09   - 67   10.7	(mS/cm) (NTU) (mg/L) (g/L)  0.612 0.0 2.06 0.395  0.657 0.0 0.65 0.419  0.655 0.0 0.65 0.419  0.657 0.0 0.65 0.419  0.657 0.0 0.65 0.419  0.656 0.0 0.96 0.420  0.656 0.0 1.05 0.420
CG:20       0.00       13.32       7-56       -121         09:28       0.00       10.91       7-14       -149         09:30       0.00       12.01       7-30       -167         29:35       0.60       12.12       7-37       -167         10:40       0.00       12.10       7-37       -209         09:45       0.00       12.16       7.36       -229         09:60       0.00       12.16       7.11       2.37         EPA SW-846 Method 8270       SVOC PAH's       2.34       2.37         EPA SW-846 Method 8260       VOC's BTEX         EPA SW-846 Method 9012       Total Cyanide	(mS/cm) (NTU) (mg/L) (g/L)  0-6/2 0-0 2-06 0.395  0-652 0-0 0.69 0.419  0-653 0-0 0.65 0.419  0-654 0-0 0.96 0.420  0-656 0-0 0.96 0.420  0-656 0-0 1-03 0.420  0-650 0-0 1-03 0.420  1-250 ml plastic Yes No
Sampling Information:    Sampling Information:   SVOC PAH's   EPA SW-846 Method 8260   SVOC PAH's   EPA SW-846 Method 9012   Total Cyanide	(mS/cm) (NTU) (mg/L) (g/L)  0-6/2 0-0 2-06 0.395  0-652 0-0 0.69 0.419  0-655 0-0 0.65 0.419  0-657 0-0 0.65 0.419  0-657 0-0 0.96 0.420  0-650 0.0 0.96 0.420  0-650 0.0 1-05 0.420  1-250 ml plastic Yes No

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National Grid King Street Non-Owned Former MGP Site Ogdensburg, New York Date: Sampling Personnel: Weather: 0603324-136690-221 Job Number: Time Out: Time In: 12:0 MW-15 Well Id. Well Information Flushmount Stick-Up Other Well Type: TOC 39 Well Locked: Yes (feet) Depth to Water: Measuring Point Marked: Yes 9.04 No (feet) Depth to Bottom: PVC X SS Other: Well Material: (feet) Depth to Product: Other: Well Diameter: Length of Water Column: (feet) Comments: Volume of Water in Well: (gal) Three Well Volumes: (gal) **Purging Information** Conversion Factors 6" ID Grundfos Pump 1" ID 2" ID 4" ID Peristaltic Bailer gal/ft. Purging Method: Tubing/Bailer Material: Teflon Stainless St Polyethylene of Peristaltic Grundfos Pump water 0.04 0.16 0.66 1.47 Sampling Method: Bailer 00 1 gallon=3.785L=3785mL=1337cu. feet Average Pumping Rate: (ml/min) **Duration of Pumping:** (min) No Did well go dry? Yes Total Volume Removed: (gal) Yes No Horiba U-52 Water Quality Meter Used? ORP Conductivity Turbidity DO TDS pH Time DTW Temp (mS/cm) (NTU) (mg/L) (g/L)(mV) (feet) (°C) 9.4 84 30 10 267 0-904 2.86 85 1400 6.52 340 .56 14,27 8:02 38 0.829 38 14.47 8.30 4.78 (p-57 35 0.840 70.0 5.06 10-40 Sampling Information: 2 - 100 ml ambers SVOC PAH's EPA SW-846 Method 8270 3 - 40 ml vials VOC's BTEX EPA SW-846 Method 8260 1 - 250 ml plastic EPA SW-846 Method 9012 Total Cyanide Shipped: Pace Courier Pickup MW-15-0423 Duplicate? Sample ID: MS/MSD? Ship to Pace Sample Time: Laboratory: Pace Analytical Comments/Notes: Greensburg, PA

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Ogdensburg, New York	
Sampling Personnel:	Date: 4/27/7>
Job Number: 0603324-136690-221	Weather: PC 50
Well Id. MW-15RS	Time In: 10:55 Time Out: 12:05
Well Information	Mall Tonas
Depth to Water: (feet) 7.91	Well Type: Flushmount Stick-Up Well Locked: Yes No
Depth to Bottom: (feet) 23.65	Measuring Point Marked: Yes No
Depth to Product: (feet)	Well Material: PVC SS Other:
Length of Water Column: (feet) 13 7 4	Well Diameter: 1" 2" Other:
Volume of Water in Well: (gal) 0 54  Three Well Volumes: (gal) 1 64	Comments.
Times vven volumes.	
Purging Information	Conversion Factors
Purging Method: Bailer Peristaltic Grund	Ifos Pump gal/ft. 1" ID 2" ID 4" ID 6" ID
	lyethylene of
	fos Pump water 0.04 0.16 0.66 1.47
Average Pumping Rate: (ml/min) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (min) 3 Did well go dry?  Total Volume Removed: (gal) 7 Did well go dry?	Yes No A
Horiba U-52 Water Quality Meter Used?	
Tionba C of Video adding motor cook.	
Time DTW Temp pH ORP	Conductivity Turbidity DO TDS
(feet) (°C) (mV)	(mS/cm) (NTU) (mg/L) (g/L)
11-30 1 15.82 6.78 -115	1-24 4.6 0.95 0.75
11:40 15.47 6.85 -293	1-25 3-5 0.85 0.88
11:45 15.07 10.83 .300	1-23 2-1 1-24 0.795
11:80 14.86 6.80 .308	1-76 1-8 0.89 0.805
11:55 19.64 6.78 -317	1-26 4-5 2-93 0.811
12.60 15.00 11.01	
Sampling Information:	
EPA SW-846 Method 8270 SVOC PAH's	2 - 100 ml ambers Yes No
EPA SW-846 Method 8260 VOC's BTEX EPA SW-846 Method 9012 Total Cyanide	1 - 250 ml plastic Yes No
Sample ID: MW-15RS-0423 Duplicate? Yes No	Shipped: Pace Courier Pickup
Sample Time: 12760 MS/MSD? Yes No	Ship to Pace
Comments/Notes:	Laboratory: Pace Analytical Greensburg, PA

Sampling Personnel:	AJ			Date: 4)	47/13		
Job Number: 0603324-	136690-221			Weather:	52°F,	eartly clos	rdy
Well id. MW-17R				Time In:	1150	Time Out:	. 1
Well Information	_		0.11	\A/ !! <del>T</del>			
Don'th to Mator	/fact)	TOC 6.59	Other	Well Type: Well Locke		shmount Yes	Stick-Up No
Depth to Water:  Depth to Bottom:	(feet)	26.90			Point Marked:	Yes	No
Depth to Product:	(feet)	NP		Well Mater			ner:
Length of Water Column:	(feet)	20.31		Well Diame		2" X Otl	ner:
Volume of Water in Well:	(gal)	324		Comments	<b>:</b>		
Three Well Volumes:	(gal)	9.74					
Purging Information				A STATE OF THE STA			
T digitig intermeden	_					Conversion F	actors
Purging Method:	Bailer	Peristaltic	Grund	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Material:	Teflon	Stainless St.		yethylene	of		
Sampling Method:	Bailer	Peristaltic	Grund	fos Pump	water	0.04 0.16	
Average Pumping Rate: 2					1 gall	on=3.785L=3785n	nL=1337cu. feet
Duration of Pumping: Total Volume Removed:	30 (min) 2-5 (gal)	D	id well go dry?	Yes No	V		
			553 553				
Library Overlibed	Motor Lood?	Voo	VINIO				- 1
Horiba U-52 Water Quality	Meter Used?	Yes	No.				
				Conductivity I	Turbidity	l po	TDS []
Time DTW	Temp	yes pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
	Temp (°C)		ORP (mV).		(NTU)	DO (mg/L) 2.67	
Time DTW (feet)  //33 7,51  /206 8.25	Temp (°C) /6,54	pH 7.67 7.59	ORP (mV) ~130 ~98	(mS/cm) 0829 0892	(NTU) 0.0	(mg/L) 2.67 2.60	(g/L) 0-527 0.571
Time DTW (feet)  //35 7.51  /206 8.25  /205 8.46	Temp (°C) /6.54 9.95	pH 7.67 7.59 7.50	ORP (mV). ~130 ~98 ~117	(mS/cm) 0.829 0.892 0.887	(NTU) 0.0 0.2	(mg/L) 2.67 2.60 L.69	(g/L) 0-527 0.571 0.568
Time DTW (feet)  1/35 7.51  1206 8.25  1205 8.46  1210 8.89	Temp (°C) /6,54 9,95 9,457 9,59	pH 7.67 7.59	ORP (mV) ~136 ~98 ~117 ~129	(mS/cm) 0.829 0.892 0.687 0.889	(NTU) Ø:0 0:2 0:0	(mg/L) 2.67 2.60 1.69 2.72	(g/L) 0-527 0.571 0.568 0.569
Time DTW (feet)  1/33 7,51  1/206 8.25  1/205 8.46  1/210 8.89  1/215 9.06	Temp (°C) /6.54 9.95 9.47 9.59 9.59	pH  7.67  7.59  7.50  7.48	ORP (mV). -130 -98 -117 -129 -135	(mS/cm)  0.825  0.852  0.857  0.855  0.894	(NTU) 0:0 0:2 0:0 0-0	(mg/L) 2.67 2.60 1.69 2.72 2,68	(g/L) 0-527 0.571 0.568 0.569 0.572
Time DTW (feet)  1/33 7.51  1206 8.25  1205 8.46  1210 8.89  1215 9.06  1220 9.20	Temp (°C) /6,54 9,95 9,47 9,59 9,75 9,78	pH  7.67  7.59  7.50  7.48  7.49  7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0.571 0.568 0.569
Time DTW (feet)  1/35 7.51  1206 8.25  1205 8.46  1210 8.89  1215 9.06  1220 9.20	Temp (°C) /6.54 9.95 9.47 9.59 9.59	pH  7.67  7.59  7.50  7.48	ORP (mV). -130 -98 -117 -129 -135	(mS/cm)  0.825  0.852  0.857  0.855  0.894	(NTU) 0:0 0:2 0:0 0-0	(mg/L) 2.67 2.60 1.69 2.72 2,68	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet)  1/33 7.51  1206 8.25  1205 8.46  1210 8.89  1215 9.06  1220 9.20	Temp (°C) /6,54 9,95 9,47 9,59 9,75 9,78	pH  7.67  7.59  7.50  7.48  7.49  7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet)  1/33 7.51  1206 8.25  1205 8.46  1210 8.89  1215 9.06  1220 9.20	Temp (°C) /6,54 9,95 9,47 9,59 9,75 9,78	pH  7.67  7.59  7.50  7.48  7.49  7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet)  1/33 7.51  1206 8.25  1205 8.46  1210 8.89  1215 9.06  1220 9.20	Temp (°C) /6,54 9,95 9,47 9,59 9,75 9,78	pH  7.67  7.59  7.50  7.48  7.49  7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet)  (J)3 7.51  J206 8.25  J205 8.46  J210 J89  J215 9.06  J220 9.20  J225 9.21	Temp (°C) /6,54 9,95 9,47 9,59 9,75 9,78	pH  7.67  7.59  7.50  7.48  7.49  7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet)  1/33 7.51  1206 8.25  1205 8.46  1210 8.89  1215 9.06  1220 9.20	Temp (°C) /6,54 9,95 9,47 9,59 9,75 9,78	pH  7.67  7.59  7.50  7.48  7.49  7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet)  (J)3 7.51  J206 8.25  J205 8.46  J210 J89  J215 9.06  J220 9.20  J225 9.21	Temp (°C) /6.54 9.95 9.47 9.59 9.75 9.78	pH 7.67 7.59 7.50 7.48 7.49 7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm)  0.829  0.872  0.887  0.889  0.894  0.890	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2.68 2.60 2.58	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet)  //33 7,51  /206 8.25  /205 8.46  /210 8.89  /210 9.89  /220 9.20  /225 9.21  Sampling Information:	Temp (°C) /6.54 9.95 9.67 9.59 9.75 9.98 /0.09	pH  7.67  7.59  7.50  7.48  7.49  7.49  7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm)  0.829  0.872  0.887  0.889  0.894  0.890	(NTU) 0:0 0:2 0:0 0:0 0:0 0:0 0:5	(mg/L) 2.67 2.60 1.69 2.72 2.68 2.60 2.58 ers Yes	(g/L)  0-527  0.571  0.568  0.572  0.572  0.570
Time DTW (feet)  //33 7,51  /206 8.25  /205 8.49  /210 /289  /215 9.09  /220 /220  /225 9.21  Sampling Information:  EPA SW-846 Method 8270	Temp (°C) /6.54 9.95 9.67 9.59 9.75 9.78 9.98 /0.05	pH  7.67  7.59  7.50  7.48  7.49  7.49  7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm)  0.829  0.872  0.887  0.889  0.894  0.890	(NTU)  0:0  0:2  0:0  0:0  0:1  0:5	(mg/L) 2.67 2.60 1.69 2.72 2.68 2.60 2.58 ers Yes	(g/L)  0-527  0.571  0.568  0.572  0.572  0.570
Time DTW (feet)  //33 7,51  /206 8.25  /206 8.25  /206 8.25  /206 8.25  /207 9.20  /208 9.20  /208 9.21  Sampling Information:  EPA SW-846 Method 8270  EPA SW-846 Method 9012	Temp (°C)  16.54  9.95  9.47  9.59  9.75  9.98  10.09  SVOC P. VOC's B	pH  7.67  7.59  7.50  7.48  7.49  7.49  7.49  AH's TEX nide	ORP (mV). ~130 ~98 ~117 ~129 ~135 ~139 ~141	(mS/cm)  0.829  0.897  0.889  0.894  0.890	(NTU)  0:0  0:2  0:0  0:0  0:0  0:0  0:0  0:	(mg/L) 2.67 2.60 1.69 2.72 2.68 2.60 2.58 ers Yes s Yes tic Yes	(g/L)  0-527  0.571  0.568  0.572  0.572  0.572  0.570
Time DTW (feet)  //33 7.5]  /206 8.25  /207 8.49  /210 8.89  /210 9.20  /220 9.21  Sampling Information:  EPA SW-846 Method 8270  EPA SW-846 Method 9012  Sample ID: MW-17R-0	Temp (°C)  /6.54  9.95  9.67  9.59  9.78  9.78  9.98  / 0.05  SVOC P/ VOC's B Total Cya	pH  7.67  7.59  7.50  7.48  7.49  7.49  7.49  7.49  TEX  nide	ORP (mV). -1360 -98 -117 -129 -135 -139 -141	(mS/cm)  0.829  0.872  0.887  0.889  0.894  0.890	(NTU)  0:0  0:2  0:0  0:0  0:0  0:0  0:0  0:	ers Yes tic Yes	(g/L)  0-527  0.571  0.568  0.572  0.572  0.572  0.570
Time DTW (feet)  //33 7.5]  /206 8.25  /207 8.46  /210 8.89  /210 9.20  /220 9.21  Sampling Information:  EPA SW-846 Method 8270  EPA SW-846 Method 9012  Sample ID: MW-17R-0  Sample Time: /23	Temp (°C)  /6.54  9.95  9.67  9.59  9.78  9.78  9.98  / 0.05  SVOC P/ VOC's B Total Cya	pH  7.67  7.59  7.50  7.48  7.49  7.49  7.49  7.49  TEX  nide	ORP (mV). ~130 ~98 ~117 ~129 ~135 ~139 ~141	(mS/cm)  0.825  0.852  0.857  0.857  0.859  0.890	(NTU)  (N	ers Yes tic Yes Ship to Pace	(g/L)  0-527  0.571  0.568  0.572  0.572  0.572  0.570
Time DTW (feet)  //33 7.5]  /206 8.25  /207 8.49  /210 8.89  /210 9.20  /220 9.21  Sampling Information:  EPA SW-846 Method 8270  EPA SW-846 Method 9012  Sample ID: MW-17R-0	Temp (°C)  /6.54  9.95  9.67  9.59  9.78  9.78  9.98  / 0.05  SVOC P/ VOC's B Total Cya	pH  7.67  7.59  7.50  7.48  7.49  7.49  7.49  7.49  TEX  nide	ORP (mV). -1360 -98 -117 -129 -135 -139 -141	(mS/cm)  0.825  0.852  0.857  0.857  0.859  0.890	(NTU)  0:0  0:2  0:0  0:0  0:0  0:0  0:0  0:	ers Yes tic Yes	(g/L)  0-527  0.571  0.568  0.572  0.572  0.572  0.570

Sampling Personnel:	Date: 4/21/23
Job Number: 0603324-136690-221	Weather: 50
Well Id. MW-19R	Time In: 10: 45 Time Out: 11:25
Well Information TOC Other	Well Type: Flushmount Stick-Up
Depth to Water: (feet) 2.09	Well Locked: Yes No
Depth to Bottom: (feet) 38.05	Measuring Point Marked:Yes No
Depth to Product: (feet)	Well Material: PVC SS Other:
Length of Water Column: (feet) 35.97  Volume of Water in Well: (gal) 5.75	Well Diameter: 1" 2" Other:
Volume of Water in Well: (gal) 5.75  Three Well Volumes: (gal) 1.7-26	Comments.
1347	
Purging Information	
Purging Method: Bailer Peristaltic Grundfos	Pump Conversion Factors  Pump Cal/ft 1" ID 2" ID 4" ID 6" ID
	Pump   gal/ft. 1"           2"
Sampling Method: Bailer Peristaltic Grundfos	
Average Pumping Rate: (ml/min)	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (min)  Total Volume Removed: (gal)  Did well go dry?	Yes
	res
Horiba U-52 Water Quality Meter Used? Yes No	
Time DTW Temp pH ORP C	Conductivity Turbidity DO TDS
(feet) (°C) (mV)	(mS/cm) (NTU) (mg/L) (g/L)
10 6 100 122 231 123	0.611 79 2-57 0.395
10:50 2.94 13.36 7.31 -92	7
10:54 4.93 12.47 7.28 -107	0-628 3.4 1.61 0.402
10:55 4.93 12.47 7.28 -107 11:00 7-27 12.43 7.25 -104	0-628 3.7 1.61 0.402
10:54 4.93 12.47 7.28 -107	0-628 3.7 1.61 0.402 0.628 2.5 0.93 0.402 0.621 3.1 0.58 0.398
10:55 4.93 12.47 7.28 -107 11:00 7-27 12.43 7.25 7104 11:00 7-27 12.45 7.27 -109 11:10 9.90 12-76 7.29 7.29 ~103 11:15 11:72 12-83 7.21 ~100	9-628 3.4 1.61 3.402 0.628 2-5 0.43 0.402 0.621 3.1 0.58 0.398 0.620 2.4 0.52 0.396 0.618 4.2 0.53 0.396
10:55 4.43 12.47 7.28 -107 1 11:00 7-27 12.43 7.25 -104 1 11:05 8.65 12.45 7.27 -104 1 11:10 9:90 12-46 7.24 -103 1	0-628 3.7 1.61 0.402 0.628 2-5 0.43 0.402 0.621 3.1 0.58 0.398 0.620 2.6 0.52 0.396
10:55 4.93 12.47 7.28 -107 11:00 3-27 12.43 7.25 -109 11:10 9:90 12-46 7.24 -103 11:15 11:72 12-83 7.21 -100 0	0-628 3.4 1.61 0.402 0-628 2-5 0-93 0-902 0-621 3.1 0.58 0.398 0-620 2.6 0.52 0.396 0-618 9-2 0.53 0.396
10:55 4.93 12.47 7.28 -107 11:00 3-27 12.43 7.25 -109 11:10 9:90 12-46 7.24 -103 11:15 11:72 12-83 7.21 -100 0	0-628 3.4 1.61 0.402 0-628 2-5 0-93 0-902 0-621 3.1 0.58 0.398 0-620 2.6 0.52 0.396 0-618 4.2 0.53 0.396
10:55 4.93 12.47 7.28 -107 11:00 3-27 12.43 7.25 -109 11:10 9:90 12-46 7.24 -103 11:15 11:72 12-83 7.21 -100 0	0-628 3.4 1.61 0.402 0-628 2-5 0-93 0-902 0-621 3-1 0.58 0.398 0-620 2.6 0.52 0.396 0-618 9-2 0.53 0.396
10:55 4.93 12.47 7.28 -107 11:00 7-27 12.43 7.25 -104 11:05 8:65 12.45 7.24 -109 11:10 9:90 12-76 7.24 -103 11:15 11-72 12-83 7.21 -100 0	0-628 3.4 1.61 0.402 0-628 2-5 0-93 0-902 0-621 3.1 0.58 0.398 0-620 2.6 0.52 0.396 0-618 9-2 0.53 0.396
10:55 4.93 12.47 7.28 -107 11:00 3-27 12.43 7.25 -109 11:10 9:90 12-46 7.24 -103 11:15 11:72 12-83 7.21 -100 0	0-628 3.4 1.61 0.402 0-628 2-5 0-93 0-902 0-621 3-1 0.58 0.398 0-620 2.6 0.52 0.396 0-618 9-2 0.53 0.396
10:55 4.93 12.47 7.28 -107 11:00 3-27 12.43 7.25 7104 11:10 9:90 12-46 7.29 ~103 11:10 9:90 12-46 7.29 ~103 11:10 13.36 12.61 7.20 -99 0	0-628 3.4 1.61 0.402 0-628 2-5 0.43 0.402 0-621 3.1 0.58 0.398 0-620 2.6 0.52 0.396 0-618 4.2 0.53 0.39 0-617 1.9 0.51 0.395
10:55	2-100 ml ambers  1.61
10:55 4.93 12.47 7.28 -107 11:00 3-27 12.43 7.25 7104 11:10 9:90 12-46 7.29 ~103 11:10 9:90 12-46 7.29 ~103 11:10 13.36 12.61 7.20 -99 0	0-628 3.4 1.61 0.402 0-628 2-5 0.43 0.402 0-621 3.1 0.58 0.398 0-620 2.6 0.52 0.396 0-618 4.2 0.53 0.39 0-617 1.9 0.51 0.395
Sampling Information:    Sampling Information:   SVOC PAH's   EPA SW-846 Method 8260   VOC's BTEX   EPA SW-846 Method 9012   Total Cyanide   Total Cyanide	2-100 ml ambers 3-40 ml vials 1-250 ml plastic  3-40 2-50 2-50 2-50 2-50 2-50 2-50 2-50 2-5
Sampling Information:    Sampling Information:   SVOC PAH's   EPA SW-846 Method 8260   VOC's BTEX   EPA SW-846 Method 9012   Total Cyanide   Sample ID:   MW-19R-0423   Duplicate?   Yes   No   No     No     No     No       No	2 - 100 ml ambers Yes No No No No Shipped: Pace Courier Pickup
Sampling Information:    Sampling Information:   SVOC PAH's   EPA SW-846 Method 8260   VOC's BTEX   EPA SW-846 Method 9012   Total Cyanide   Total Cyanide	2-100 ml ambers 3-40 ml vials 1-250 ml plastic  3-40 2-50 0-902  3-40 2-50 0-902  3-40 2-50 0-396  3-40 ml vials 1-250 ml plastic  3-40 2-50 2-50 0-395

 $\verb|\svrrmt88-vm3\rangle| syracuse-01\Dashboard\Planning\951359.xlsm|$ 

Sampling Personnel:	Date: 4/27/23
Job Number: 0603324-136690-221	Weather: Smy 47
Well Id. MW-20R	Time In: 09.55 Time Out:
Well Information	X
TOC Other	Well Type: Flushmount Stick-Up Well Locked: Yes No
Depth to Water: (feet) 0.13  Depth to Bottom: (feet) 28.40	Measuring Point Marked: Yes No
Depth to Bottom: (feet) 28.40  Depth to Product: (feet)	Well Material: PVC SS Other:
Length of Water Column: (feet) 29, 27	Well Diameter: 1" 2" Other:
Volume of Water in Well: (gal) 4-57	Comments:
Three Well Volumes: (gal) 13'59	
Duraing Information	
Purging Information	Conversion Factors
Purging Method: Bailer Peristaltic Grundfo	gal/ft. 1" ID 2" ID 4" ID 6" ID
3.19	ethylene of
	os Pump water 0.04 0.16 0.66 1.47
Average Pumping Rate: (ml/min)	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (min) 32	
Total Volume Removed: (gal) Z Did well go dry?	Yes No
Horiba U-52 Water Quality Meter Used?	
Time DTW Temp pH ORP	Conductivity Turbidity DO TDS
[	
(feet) (°C) (mV)	(mS/cm) (NTU) (mg/L) (g/L)
000 123 13.00 7-14 -178	0.665 4.8 1-75 0.428
10:09 3.40 11.77 7.05 -169	0.65 4.8 1-75 0.428
10:00 1:23 13.00 7-14 -178 10:09 3.40 11.72 7:05 -169 10:10 5.28 11.72 7:01 -166	0.665 4.8 1-75 0.428
000 1.23 13.00 7-14 -178 10:08 3.40 11.72 7.05 -169 10:10 5.28 11.72 7.01 -166 10:15 6.90 1.76 7.02 -163	0.65 4.8 1-75 0.428
10:08 3:40 11.72 7.05 -169 10:08 3:40 11.72 7.05 -169 10:10 5.24 11.72 7.01 -166 10:15 6.90 10.76 7.02 -163 10:20 8.18 11.82 7.01 -160	0.665 4.8 1-75 0.428 0.679 1-9 0.64 0.435 0.679 0-9 0.58 0.435 0.679 1-7 0.55 0.435 0.677 4.8 0.47 0.432
10:08 3:40 11.72 7.05 -169 10:08 3:40 11.72 7.05 -169 10:15 6:90 1:76 7.02 -163 11:20 8:18 11.82 7.01 -160 11:24 9.01 11.93 7.01 -157	0.665 4.8 1-75 0.428 0.679 1-9 0.64 0.435 0.679 0-9 0.58 0.435 0.679 1-2 0.55 0.435
10:05 3:40 11:47 7:05 -169 10:05 3:40 11:47 7:05 -169 10:10 5:28 11:42 7:01 -166 10:15 6:90 1:76 7:02 -163 11:20 8:18 11:82 7:01 -160 13:24 9:01 11:43 7:01 -157	0.665 4.8 1-75 0.428 0.679 1-9 0.64 0.435 0.679 0-9 0.58 0.435 0.679 1-2 0.55 0.435 0.677 4.8 0.47 0.432 0.676 4.6 0.47 0.433
10:08 3.40 11.72 7.05 -169 10:08 3.40 11.72 7.05 -169 10:10 5.28 11.72 7.01 -166 10:15 6.90 1.76 7.02 -163 11:20 8.18 11.82 7.01 -160 13:24 9.01 11.93 7.01 -157	0.665 4.8 1-75 0.428 0.679 1-9 0.64 0.435 0.679 0-9 0.58 0.435 0.679 1-2 0.55 0.435 0.677 4.8 0.47 0.432 0.676 4.6 0.47 0.433
10:08 3:40 11.72 7.05 -169 10:08 3:40 11.72 7.05 -169 10:15 6:90 1:76 7.02 -163 11:20 8:18 11.82 7.01 -160 11:24 9.01 11.93 7.01 -157	0.665 4.8 1-75 0.428 0.679 1-9 0.64 0.435 0.679 0-9 0.58 0.435 0.679 1-2 0.55 0.435 0.677 4.8 0.47 0.432 0.676 4.6 0.47 0.433
10:08 3.40 11.72 7.05 -169 10:08 3.40 11.72 7.05 -169 10:10 5.28 11.72 7.01 -166 10:15 6.90 1.76 7.02 -163 11:20 8.18 11.82 7.01 -160 13:24 9.01 11.93 7.01 -157	0.665 4.8 1-75 0.428 0.679 1-9 0.64 0.435 0.679 0-9 0.58 0.435 0.679 1-2 0.55 0.435 0.677 4.8 0.47 0.432 0.676 4.6 0.47 0.433
10:08 3:40 11:77 7:05 -169 10:08 3:40 11:77 7:05 -169 10:10 5:28 11:72 7:01 -166 10:15 6:90 1:76 7:02 -163 11:20 8:18 11:82 7:01 -160 10:24 9:01 11:93 7:01 -157 10:30 9:45 12-06 7:01 -154	0.665 4.8 1-75 0.428 0.679 1-9 0.64 0.435 0.679 0-9 0.58 0.435 0.679 1-2 0.55 0.435 0.677 4.8 0.47 0.432 0.676 4.6 0.47 0.433
10:08 3:40 11.72 7.05 -169 10:08 3:40 11.72 7.05 -169 10:15 6:90 1:76 7.02 -163 11:20 8:18 11.82 7.01 -160 11:24 9.01 11.93 7.01 -157	0.665 4.8 1-75 0.428 0.679 1-9 0.64 0.435 0.679 0-9 0.58 0.435 0.679 1-2 0.55 0.435 0.677 4.8 0.47 0.432 0.676 4.6 0.47 0.433
000 1.23 13.00 7.14 -178 10:08 3.40 11.77 7.05 -169 10:10 5.28 11.72 7.01 -166 10:15 6.90 1.76 7.01 -160 10:20 8.18 11.82 7.01 -160 10:24 9.01 11.93 7.01 -157 10:30 9.65 12-06 7.01 -154	0.665 4.8 1-75 0.428 0.679 1.9 0.64 0.435 0.679 0.9 0.58 0.435 0.679 1-2 0.55 0.435 0.677 4.8 0.47 0.432 0.676 4.6 0.47 0.433 0.676 1.7 0.47 0.434
Sampling Information:   SVOC PAH's   13.00   7.14   -178   17.00   1.23   13.00   7.14   -178   17.00   17.15   17.00   17.2	0.665 4.8 1-75 0.428 0.679 1-9 0.64 0.435 0.679 0-9 0.58 0.435 0.679 1-2 0.55 0.435 0.677 4.8 0.47 0.432 0.676 4.6 0.47 0.433 0.676 1-7 0.47 0.433 0.676 1-7 0.47 0.434
Sampling Information:   Sampling Information:   SVOC PAH's EPA SW-846 Method 8260   SVOC PAH's EPA SW-846 Method 8260   SVOC PAH's EPA SW-846 Method 8260   SVOC PAH's SWOC PA	2-100 ml ambers Yes No
Sampling Information:   SVOC PAH's   13.00   7.14   -178   17.00   1.23   13.00   7.14   -178   17.00   17.15   17.00   17.2	2-100 ml ambers Yes No
Sampling Information:    Sampling Information:   SVOC PAH's   EPA SW-846 Method 8270   SVOC PAH's   EPA SW-846 Method 9012   Total Cyanide   EPA SW-846 Method 9012   EPA SW-846 Method 9012   Total Cyanide   EPA SW-846 Method 9012   EPA SW	2-100 ml ambers Yes No
Sampling Information:    Sampling Information:   SVOC PAH's   EPA SW-846 Method 8260   SVOC PAH's   EPA SW-846 Method 9012   Total Cyanide	2-100 ml ambers Yes No No 1-250 ml plastic Yes No No
Sampling Information:    Sampling Information:   Swoc Pah's   FPA SW-846 Method 8270   Swoc Pah's   EPA SW-846 Method 9012   Total Cyanide   Sample ID:   MW-20R-0423   Duplicate?   Yes   No   No   Swoc Pah's   No   Sample ID:   MW-20R-0423   Duplicate?   Yes   No   No   Swoc Pah's   No   Sample ID:   MW-20R-0423   Duplicate?   Yes   No   No   Sample ID:   MW-20R-0423   Duplicate?   Yes   No   No   Swoc Pah's   No   Sample ID:   MW-20R-0423   Duplicate?   Yes   No   No   Sample ID:   MW-20R-0423   Duplicate?   Yes   No   No   Sample ID:   MW-20R-0423   Duplicate?   Yes   No   No   Swoc Pah's   No   No   Sample ID:   MW-20R-0423   Duplicate?   Yes   No   No   Sample ID:   MW-20R-0423   Duplicate?   Yes   No   No   Swoc Pah's   No   No   Swoc Pah's   No   Swo	2-100 ml ambers Yes No No 1-250 ml plastic Yes No No Shipped: Pace Courier Pickup



# 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 Required Project Information:			Section	207																			_
Company: GES - Syractice	Report To: Devin Shay (GES)				formation: Accounts Pa	avahlo via o	moil at see in											***			Pa	ge:	1 of 1	
Address: 6780 Northern Blvd, Suite 100	dshay@gesonline.com Report To: Tim Beaumont (GE			1						com				1		412			REGI	HATC	RY AGE	Nov		
East Syracuse, New York 13057	tbeaumont@gesonline.com	5)		Company	y Name: Grou	undwater & E	nvironmental	Services,	Inc.					1 1	ND	DES	- P.P.C	and the same of	-	-	-	-		
Email To: dshay@gesonline.com				Address:	6780 Northern	n Blvd, Suite	100, East Sy	racuse, N	Y 13057					$\  \cdot \ $	US				WATER		RINKING	WATER		-
	Purchase Order No.:		Pace Quote Reference:							11	US	and the same of	RCR	A			THER							
	Project Name: National Grid - C King Street Ogdensburg, NY	Ogdens	ourg	Pace Pro	ject Manager:	Rachel Chr	istner							H	SITE GA L LOCATION DH IC II THER						V-			
Requested Due Date/TAT: Standard	Project Number: 0603324-136690-221-1106			Pace Pro	file #:		Semi-A	Annual	GWS	S				Н		-			IC	1	;c	Л Г	HER	
Section D Required Client Information	Valid Matrix Codes MATRIX CODE	T	T	-	0011	FOTER		_	_		-			Ц	Filtered (	Y/N)				//	///	///	////	/
SAMPLE ID	DENANG HATER DEV WATER WIT		<u>a</u>		COLL	LECTED			1	-	Pre	servativ	es		Requeste			85	/	1	11	111	1//	
Samples	PRODUCT P STALLDER SA OIL OIL STALLDER SA OIL		C=COMP					N.	1					ľ	Analysis:			20		//	//	///	//	
I IUS NUST BE UNIQUE	OUSSE WATER  WHITE  P STALLOUS SL  OL  OL  OL  OTHER  OT  STALL  OT  STALLOUS  TO  TO  TO  TO  TO  TO  TO  TO  TO  T	1	AB C	COMPOSITE	START	GIAB		ECT	100					- 1				,	//	//	'//	///		
	15	000	G+GRAB					l g	INER										//	//	///	///	/	
1 1		MATRIX CODE						AP AT	CONTAINERS									//	//,	//	///	///		
		Z	TYPE					E TEI	#0F.0					-1				//	//	//	///	//		
*		1	SAMPLE TYPE					SAMPLE TEMP AT COLLECTION						-					<b></b>	///	///			
TEM		1	SA					"	l	arved						/	3/3	7 3	//	//,	///	′		
		1		DATE	TIME	DATE	TIME			Jupres	FNO3	HCI NaOH	a,S <sub>2</sub> O	her		1		8/	//	//	//		Pace Project	t
MW-2(R)-042	3	WT	G				1/20		6	2		3 1	ž š	õ				4		11	/		Lab I.I	
2 MW-5R(R)-04:	23	WT	G				12:00		6	2			+	╁			2 1	+	++	+	-			1
3 MW-8R-0423	<u></u>	WT	G				11:35		6	2	1	1	+	+		T	2 1	-	+	+				
4 MW-8R-MS-04	23	WT	G				11.55		6	2		3 1	++	+		3	2 1	+	1	11				
5 MW-8R-MSD-04	123	WT	G				11:35			+=+	11	3 1	++	+		3	2 1	+	11	$\perp \downarrow$				
6 MW-9-0423		WT	G				10:4K		6	2		3 1	++	+		3	2 1	4	11	$\perp$				
7 MW-10R-0423	3	WT					0965	-	6	2		3 1	++	+		3	2 1	$\perp$		Ш				
8 MW-11-0423		WT	G				and the same of		6	2	1 3	3 1	++	1		3	2 1							
9 MW-12R-0423	3	WT	G				09:50 10:35	_	6	2	1 3	3 1	44	$\perp$		3	2 1							25
10 MW-14R-0423		WT	G						6	2	3	3 1	$\bot\!\!\!\bot$	1		3 ;	2 1			IT				
11 MW-15-0423							09:50	-	6	2	3	3 1	$\bot$	L		3 2	2 1		П	H				
12 MW-15RS-042	3	WT	G				12:40		6	2	3	1	$\perp$			3 2	1							
13 MW-17R-0423		WT	G				12:00		6	2	3	1		L		3 2	1			11				
MW-19R-0423		WT	G				23	_	6	2	3	1				3 2	1			II	$\top$			
1857 1014-0420		WT	G				11:20		6	2	3	1				3 2	1,1			T	1			
11111 2011-0420		WT	G				10:30		6	2	3	1	IT	Г		3 2		$\top$	$\vdash$	$\vdash$	-			
1 0 0 0 7 2 0		WT	G				distri-		6	2	3	1	11	T		3 2	1	++	-	$\vdash$	+-			
17 Trip Blanks Additional Comments:		WT	G						2		3		11	T		3 2	H	$\forall$	+	H	-			
	1	RELIN	QUISH		FFILIATION		DATE	TIME .	ACCEP	TED BY	/ AFFIL	IATION					DATE		ME	CAN	DI F 00			
SAMPLES WILL ARRIVE IN #	COOLERS.	1	W.	ing	tren	255	1/2/13	525		T	2	12								SAW	1	NDITION		
	l 1			1			/					1000	-			+	1/27	13	10		\ \times_{\text{\tin}\text{\tex{\tex	× ×	×	
Please send reports to: dshay@gesonline.com, tbe								$\neg \uparrow$						_		+		+			× ×	N.	Š.	
NERegion@gesenline.com. ges@equisonline.com	m		•													+		+			ž Ž	N N	N/N	
ODECITIO				8	AMPLER NA	ME AND	GNATURE									_					N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/	¥.	Y.	
SPECIFIC EDD NAME:					RINT Name of SAM	MPLER:				1	10	V	7	1				-50	1000	ပ္	Lo p	Custody Sealed Cooler	ntact	
NGOgdensburg-labnumber.28351.EQEDD.zi	р			Si	GNATURE OF SAM		-					DATE Sig	ned (MM/E	DD/YX	)					Temp in	Received	Custon led Co	Samples intact	
				_		0,000	7	- Junear				-9	1267	12	5					F	ď	Sea	Sarr	

Well ID	Sample?	Well Size	DTW	DTP	DTB	Comments
MW-2(R)	Yes	. 2"	293		6.35	
MW-5R(R)	Yes	2"	2.22		24.30	
MW-8R	Yes	2"	2.05		20.92	MS/MSD
MVV-9	Yes	2"	4.97		6.35	
MW-10R	Yes	2"	0.15		22.50	Field Duplicate
MW-11	Yes	2"	3.42	<u></u> .	6.51	
MW-12R	Yes	2"	8.37		21.40	
MW-14R	Yes	2"	0.00		50.80	
MVV-15	Yes	2"	7.57		9.04	
MW-15RS	Yes	1"	7.78		23.65	
MW-17R	Yes	2"	6-25		26.90	
MW-19R	Yes	2"	4.23		38.05	
MW-20R	Yes	2"	0-00		28.40	

**DTW** -depth to water

DTP -depth to product

**DTB** -depth to bottom

	( Ea.	a 7	· · · · · · · · · · · · · · · · · · ·	Date:	10/18/2	3	
Sampling Personnel:	6, ERn	> /			0/-1	50	
Job Number: 0603400-	136690-221			Weather:	Cloudy		
Weil Id. MW-2(R)				Time In:	1220	Time Out:	1305
Well Information		тос	Other	Well Type:	Flus	₩-3	Stick-Up
Depth to Water:	(feet)	2.93		Well Locke		Yes	No
Depth to Bottom:	(feet)	6.35		Measuring P	P.	Yes	No
Depth to Product:	(feet)	NP		Well Materi		SSOH	il
Length of Water Column:	(feet)	3,42		Well Diame		2" \_Oth	ner:
Volume of Water in Well:	(gal)	0,55		Comments:			
Three Well Volumes:	(gal)	1,64					
						· · · · · · · · · · · · · · · · · · ·	
Purging Information		<u> </u>	- <del>10.00</del>				
				f	<u> </u>	Conversion F	actors 4" ID 6" ID
Purging Method:	Bailer		<del></del> 4	fos Pump	gal/ft.	1 10 2 10	<del>  ` `   ` `  </del>
Tubing/Bailer Material:	Teflon	<del></del>	k – J	yethylene	of water	0.04 0.16	0.66 1.47
Sampling Method:	Bailer		Grund	fos Pump		on=3.785L=3785r	<del></del>
Average Pumping Rate:	(ml/min)	200			1 gain	311=3.765L=3765I	IL-1337Cu. leet
Duration of Pumping:	(min)	30			<del></del> -		
Total Volume Removed:	(gal)		oid well go dry?	Yes No			
Horiba U-52 Water Quality	Meter Used?	Yes	No 🗌				
				<del></del>			
II Time I DTW	T Temp	На		Conductivity	Turbidity	DO	TDS []
Time DTW	Temp (°C)	рН	ORP	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
(feet)	Temp (°C)		ORP (mV)	(mS/cm)	(NTU)		1 1
(feet) 1225 3,49	1	7,52	ORP (mV) -329	(mS/cm) 0,654	-		(g/L)
(feet) 125 3,49 1230 4,34	1	7,52	ORP (mV) -329 -327	(mS/cm) 0,654 0,50/	(NTU)	(mg/L) 0,27	(g/L) 0.409
(feet) 1225 3,49 1230 4.34 1235 5,62	1	7,52 7,56 7.72	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19.7	(mg/L) 0,27 0,07	(g/L) 0.409
(feet) 125 3,49 1230 4.34 1235 5,62 1240 6.30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	ORP (mV) -329 -327	(mS/cm) 0,654 0,50/	(NTU) 30,2 19.7	(mg/L) 0,27 0,07 0.20	(g/L) 0.409 0.325 0.293
(feet) 125 3,49 1230 4.34 1235 5,62 1240 6.30	1	7,52 7,56 7.72	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19.7	(mg/L) 0,27 0,07 0.20	(g/L) 0.409 0.325 0.293
(feet) 125 3,49 1230 4.34 1235 5,62 1240 6.30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19.7	(mg/L) 0,27 0,07 0.20	(g/L) 0.409 0.325 0.293
(feet) 125 3,49 1230 4.34 1235 5,62 1240 6.30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19.7	(mg/L) 0,27 0,07 0.20	(g/L) 0.409 0.325 0.293
(feet) 125 3,49 1230 4.34 1235 5,62 1240 6.30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19.7	(mg/L) 0,27 0,07 0.20	(g/L) 0.409 0.325 0.293
(feet) 125 3,49 1230 4.34 1235 5,62 1240 6.30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19.7	(mg/L) 0,27 0,07 0.20	(g/L) 0.409 0.325 0.293
(feet) 125 3,49 1230 4.34 1235 5,62 1240 6.30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19.7	(mg/L) 0,27 0,07 0.20	(g/L) 0.409 0.325 0.293
(feet) 125 3,49 1230 4.34 1235 5,62 1240 6.30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19.7	(mg/L) 0,27 0,07 0.20	(g/L) 0.409 0.325 0.293
(feet)  125 3,49  1230 4.34  1235 5,62  1245 6.30  1250  1255	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19.7	(mg/L) 0,27 0,07 0.20	(g/L) 0.409 0.325 0.293
(feet) 125 3,49 1230 4.34 1235 5,62 1240 6.30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19.7	(mg/L) 0,27 0,07 0.20	(g/L) 0.409 0.325 0.293
(feet)  1235 3,49  1230 4,34  1235 5,62  1240 6.30  1245 6  1250  1255  Sampling Information:	(°C) 16.25 16.44 16.52 16.61 Pried ©	7,52 7,56 7,72 8,19 12:42	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19.7	(mg/L) 0,2-7 0,07 0,20 0,5-5	(g/L) 0, 409 0,325 0,273 0,277
(feet)  1230 4.34  1235 5.62  1240 6.30  1245 6.30  1255 6  1255 6  1255 8  PA SW-846 Method 82	(°C) /6.25 /6.44 /6.52 /6.6/ Pried ©	7,52 7,56 7,72 8,19 12:42	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 19,7 8,8 11,3	(mg/L) 0,27 0,07 0,20 0,5-5	(g/L) 0, 409 0,325 0,293 0,277
(feet)  125 3,49  1230 4.34  1235 5,62  1240 6.30  125	(°C) /6.25 /6.44 /6.52 /6.6/ 02 real @	7,52 7,56 7,72 8,19 12:42 PAH's	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,50/ 0.45/	(NTU) 30,2 /9,7 8,8 //,3	(mg/L) 0,2-7 0,0-7 0,2-0 0,5-5	(g/L) 0, 409 0,325 0,293 0,277
(feet)    123	(°C) /6.25 /6.44 /6.52 /6.6/ //// /6.52 /6.6/ //// /6.52 //// /6.52 /// // /6.52 /// // /6.52 /// // // // // // // // // // // // //	7,52 7,56 7,72 8,/9 /2:42 PAH's BTEX yanide	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,501 0.451 0.428	(NTU) 30, 2 /9, 7 8, 8 //, 3 2 - 100 ml amb 3 - 40 ml via 1 - 250 ml plat	(mg/L)  0,2-7  0,0-7  0,2-0  0,5-5-	(g/L) 0, 409 0,325 0,277 0,277 s No s No s No
(feet)  123 3,49  1230 4.34  1235 5,62  1240 6.30  125	(°C) /6.25 /6.44 /6.52 /6.6/ /2/eel @ 70 SVOC 60 VOC's 12 Total Cy	7,52 7,56 7,72 8,19 12:42 PAH's	ORP (mV) -329 -327 -33/	(mS/cm) 0,654 0,501 0.451 0.428	(NTU) 30, 2 /9, 7 8, 8 //, 3 2 - 100 ml amb 3 - 40 ml via 1 - 250 ml plas	ers Yestic Yestic Courier Pic	(g/L) 0. 409 0.325 0.293 0.277  SNO SNO SNO SNO
(feet)  1230 4.34  1230 4.34  1235 5,62  1240 6.30  1245 6.30  125	(°C) /6.25 /6.44 /6.52 /6.6/ 0/2 real @ 70 SVOC 60 VOC's 12 Total Cy	7,52 7,56 7,72 8,/9 /2:42 PAH's BTEX yanide	ORP (mV) -329 -327 -33/ -3//	(mS/cm) 0,654 0,501 0.451 0.428	(NTU) 30, 2 /9, 7 8, 8 //, 3 2 - 100 ml amb 3 - 40 ml via 1 - 250 ml plat	(mg/L)  0,2-7  0,0-7  0,2-0  0,5-5-	(g/L) 0. 409 0.325 0.293 0.277  SNO SNO SNO SNO
(feet)	(°C) /6.25 /6.44 /6.52 /6.6/ 0/2 real @ 70 SVOC 60 VOC's 12 Total Cy	7,52 7,56 7,72 8,19 12:42 PAH's BTEX yanide	ORP (mV) -329 -327 -33/ -3//	(mS/cm) 0,654 0,501 0.451 0.428	(NTU) 30, 2 /9, 7 8, 8 //, 3  2 - 100 ml amb 3 - 40 ml via 1 - 250 ml plas	oers Yestic Yestic Yestic Ship to Pace	(g/L) 0.409 0.325 0.293 0.277  s No
(feet)  123 3,49  1230 4.34  1235 5,62  1240 6.30  1245 6.30  1250  1250  1250  1250  1250  1250  1250  1250  1250  1250  1250  1250  1250  1250  1250  1250  1250  1260	(°C) /6.25 /6.44 /6.52 /6.6/ 0/2 real @ 70 SVOC 60 VOC's 12 Total Cy	7,52 7,56 7,72 8,19 12:42 PAH's BTEX yanide	ORP (mV) -329 -327 -33/ -3//	(mS/cm) 0,654 0,501 0.451 0.428	(NTU) 30, 2 /9, 7 8, 8 //, 3 2 - 100 ml amb 3 - 40 ml via 1 - 250 ml plat	ers Yestic Yestic Courier Pic	(g/L)  0. 409  0.325  0.293  0.277  s No s N

	/ [-				, /,	/2 )	
Sampling Personnel:	6, ER	nsv		Date:	10/18		
Job Number: 0603400-	136690-221			Weather:	/	5005	
Well Id. MW-5R(R)				Time In:	1120	Time Out	<u> </u>
Well Information							
VVCII HITOTITICATOTI		TOC	Other	Well Type:	Flus	shmount	Stick-Up
Depth to Water:	(feet)	2,22		Well Locke		Yes	No
Depth to Bottom:	(feet)	24.30		Measuring F	oint Marked:	Yes 🔀	No
Depth to Product:	(feet)	NP		Well Mater			her:
Length of Water Column:	(feet)	2,08		Well Diame		2" <b>∑</b> Ot	her:
Volume of Water in Well:	(gal)	3,53		Comments	:		
Three Well Volumes:	(gal)	10,60					
		<u> </u>					
Purging Information			· · · · · · · · · · · · · · · · · · ·				
	_					Conversion	
Purging Method:	Baile	Peristalti	<b>~</b>	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Material:	Teflor		<del></del>	yethylene	of		
Sampling Method:	Baile	Peristalti	c Grund	fos Pump	water	0.04 0.16	
Average Pumping Rate:	(ml/min)	200			1 gal	on=3.785L=3785	mL=1337cu. feet
Duration of Pumping:	(min)	30			1 -		
Total Volume Removed:	(gal)		Did well go dry?	Yes No			
Horiba U-52 Water Quality	Meter Used?	Ye	s No				
						T	
Time DTW	Temp	pН	ORP	Conductivity	Turbidity	DO (TOP (L)	TDS
(feet) 1140 3.90	(°C)	7.57	(mV)	(mS/cm)	(NTU) 194	(mg/L)	0,688
<i>                                   </i>	15.78	10	-342		_//7,		
	14/8	1 7 <i>1 7 1</i>	1 ( / /	1/10/1	15-1	1011	
1145 5,62	15.68	7.60	<del>-36/</del>	1.10	156	0.42	2 193
1145 5.62	15.55	7.60	-367 -363	1.09	156	0.31	0.697
1145 5.62 1150 6.49 1155 7.20	15.68	7.58	-365		156 151 130	0.31	0,697
1145 5,62 1150 6.49 1155 7.20 1200 7.70	1/3-14	7.60 7.58 7.56 7.55	-365	1.09	156 151 130 122	0.31	0,697
1145 5,62 1150 6.49 1155 7,20 1203 7.73 1205 8.19	15.09	7.58 7.56	-365	1.09	122	0.31	0,697 0,650 0,582 0,564
1145 5,62 1150 6.49 1155 7.20 1200 7.70	1/3-14	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881		0,31 0.25 0.27 0,24	0,697
1145 5,62 1150 6.49 1155 7,20 1203 7.73 1205 8.19	15.09	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881	122	0,31 0.25 0.27 0,24	0,697 0,650 0,582 0,564
1145 5,62 1150 6.49 1155 7,20 1203 7.73 1205 8.19	15.09	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881	122	0.31 0.25 0.27 0.24	0,697 0,650 0,582 0,564
1145 5,62 1150 6.49 1155 7,20 1203 7.73 1205 8.19	15.09	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881	122	0.31 0.25 0.27 0.24	0,697 0,650 0,582 0,564
1145 5,62 1150 6.49 1155 7.20 1203 7.73 1205 8.19 1210 8.50	15.09	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881	122	0.31 0.25 0.27 0.24	0,697 0,650 0,582 0,564
1145 5,62 1150 6.49 1155 7,20 1203 7.73 1205 8.19	15.09	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881	122	0.31 0.25 0.27 0.24	0,697 0,650 0,582 0,564
1/45	15.09	7.58 7.56 7.55 7.54	-365 -364 -364	1.09 1.02 0.913 0.881	122	0.31 0.25 0.27 0.24 0.21	0,697 0,650 0,582 0,564
1/45	15.09 15.10 15.10 svoc	7.58 7.56 7.55 7.54	-365 -364 -364	1.09 1.02 0.913 0.881	122	0.3/ 0.25 0.27 0.24 0.2/	0,697 0,650 0,582 0.564 0.542
1/45	75.09 15.10 15.10 0 svoc 0 voc's	7.58 7.56 7,55 7,57	-365 -364 -364	1.09 1.02 0.913 0.881	122 110 106	0.3/ 0.25 0.27 0.24 0.2/	0,697 0,650 0,582 0.564 0.542
1/45   5, 62   1/50   6,49   1/55   7,20   1203   7,73   1205   8,19   1210   8,50   8,50   EPA SW-846 Method 8276   EPA SW-846 Method 901	0 SVOC 0 VOC's 2 Total Cy	7.58 7.56 7.55 7.57	-365 -364 -364 -364	1.09 1.02 0.913 0.881 0.848	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	0.3/ 0.25 0.27 0.24 0.2/ 0.2/	0,697 0,650 0,582 0.564 0.542 s No s No
1/45   5, 62   1/50   6, 49   1/55   7,20   1203   7,73   1205   8, 19   1205   8, 50   1205   8, 50   1205   8, 50   1205   8, 50   1205   8, 50   1205   8, 50   1205   8, 50   1205   1205   8, 50   1205   120	0 SVOC 0 VOC's 2 Total Cy	PAH's BTEX vanide	-364 -364 -364 -364 -364	1.09 1.02 0.913 0.881 0.848	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	0,3/ 0,25 0,27 0,24 0,2/ 0,2/ ers Yestic Yes	0,697 0,650 0,582 0.564 0,542 s No s No
1/45   5,62   1/50   6,49   1/55   7,20   7,70   7,20   7,70   7,20   7,70   7,20   8,19   7,20   8,50   8,50   1,205   8,50   8,50   1,205   8,50   1,205   8,50   1,205   8,50   1,205   8,50   1,205   8,50   1,205   1,2	0 SVOC 0 VOC's 2 Total Cy	7.58 7.56 7.55 7.57	-365 -364 -364 -364	1.09 1.02 0.913 0.881 0.848	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla ipped: P	o,3/ o,27 o,24 o,24 o,2/ o,2/ o,2/ ers Ye stic Ye ace Courier Pic Ship to Pace	0,697 0,650 0,582 0,564 0,542 s No s No
1/45   5, 62   1/50   6, 49   1/55   7,20   1203   7,73   1205   8, 19   1205   8, 50   1205   8, 50   1205   8, 50   1205   8, 50   1205   8, 50   1205   8, 50   1205   8, 50   1205   1205   8, 50   1205   120	0 SVOC 0 VOC's 2 Total Cy	PAH's BTEX vanide	-364 -364 -364 -364 -364	1.09 1.02 0.913 0.881 0.848	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	0,3/ 0,25 0,27 0,24 0,2/ 0,2/ ers Yestic Yes	8 No

-	ter hon			Date: 19	119/23		
	136690-221		_	Weather:	cloudy 55		
Well Id. MW-8R		•	_		1/28	Time Out:	\$ 2 museum
VVCII IG.				Time in.	1/28	Time Out.	7201
Well Information				<u></u>			·
	-	TOC	Other	Well Type:	Flus	shmount	Stick-Up
Depth to Water:	(feet)	2.05		Well Locke		Yes	No
Depth to Bottom:	(feet)	20.92	, ,	Measuring F	Point Marked:	Yes	No
Depth to Product:	(feet)	-		Well Mater	ial: PVC	⊠ss oth	ner:
Length of Water Column:	(feet)	18.87		Well Diame	eter: 1"	2" \_Oth	ner:
Volume of Water in Well:	(gal)	3.01		Comments	:		
Three Well Volumes:	(gal)	9.05		<u></u>			
		<u> </u>			<del></del>	**************************************	
	<del></del>						<del> </del>
Purging Information	<b></b>						· · · · · · · · · · · · · · · · · · ·
						Conversion F	
Purging Method:	Baile	$\vdash$	$\sim$	ifos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Material:	Teflor	<del></del>	<b>₩</b>	lyethylene	of	004 046	0.00 4.47
Sampling Method:	Baile		attic Grund	ifos Pump	water	0.04 0.16	·
Average Pumping Rate:	(ml/min)	200			1 gal	on=3.785L=3785n	nL=1337cu. teet
Duration of Pumping: Total Volume Removed:	(min)	30 2	Did well go dry	? Yes No	⊽ੀ ੇ		
	(gal)			? Yes No	1		
Horiba U-52 Water Quality I	Meter Used?	<u> </u>	′es No			<del></del>	<del></del>
Time DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1130 2.82	17.17	2.40	-142	0.723	5.1	0.57	0.465
1135 4.15	16.41	2.28	-259	0.739	0.0	0.30	0.473
1140 4.59	16.43	7.29	-277	0.740	0.0	0.28	0.474
1145 4.90	16.42	2.29	-284	0.742	0,0	0.27	0.475
1150 6.05	16.38	2.30	-298	0.749	2.1	0.25	0.479
1155 6.45	16.27	2.29	-303	0.751	7 .		0.481
1123 6.27				<u> </u>	20	0.25	
1200 6.77	16.17	2.29	-306	0.753	3.8	0.25	0.482
	2.00	2.29				1	
	2.00	2.29				1	
	2.00	2.29				1	
	2.00	2.29				1	
1250 6.77	2.00	2.29				1	
	2.00	229				1	
Sampling Information:	16.17				3.8	0.25	0.482
Sampling Information:  EPA SW-846 Method 8270	16.17 svoc	PAH's			3, 8 6 - 100 ml amb	ers Yes	0.42 No
Sampling Information:  EPA SW-846 Method 8270 EPA SW-846 Method 8260	SVOC VOC's	PAH's BTEX			3, <b>8</b> 6 - 100 ml amb 9 - 40 ml via	ers Yes	0.42 No No
Sampling Information:  EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012	SVOC VOC's Total Cy	PAH's BTEX vanide			3, 8 6 - 100 ml amb	ers Yes	0.42 No
Sampling Information:  EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 MW-8R-MS-1023	SVOC VOC's Total Cy	PAH's BTEX vanide 023	-306	0.753	6 - 100 ml amb 9 - 40 ml via 3 - 250 ml plas	eers Yes s Yes stic Yes	0.482 No No No
Sampling Information:  EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 MW-8R-MS-1023 M Sample ID: MW-8R-1	SVOC VOC's Total Cy W-8R-MSD-10	PAH's BTEX vanide 023 uplicate?	- 306 Yes No	0.753	6 - 100 ml amb 9 - 40 ml via 3 - 250 ml plas	ers Yes stic Yes	0.482 No No No
Sampling Information:  EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 MW-8R-MS-1023 M Sample ID: MW-8R-1 Sample Time: 12 50	SVOC VOC's Total Cy W-8R-MSD-10	PAH's BTEX vanide 023	-306	0. 253 Sh	3. 8 6 - 100 ml amb 9 - 40 ml via 3 - 250 ml plas ipped: P	ers Yes s Yes stic Yes ace Courier Pick Ship to Pace	No No No
Sampling Information:  EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 MW-8R-MS-1023 M Sample ID: MW-8R-1	SVOC VOC's Total Cy W-8R-MSD-10	PAH's BTEX vanide 023 uplicate?	- 306 Yes No	0. 253 Sh	6 - 100 ml amb 9 - 40 ml via 3 - 250 ml plas	ers Yes stic Yes	No N

\\svrrmt88-vm3\syracuse-01\Dashboard\Planning\994864.xlsm

,							<del></del>	
Sampling Per	sonnel: र्	ctar you			Date: p/	9/23		
Job Number:		36690-221			Weather: 5	5 Sun		
	MW-9		·	•	Time In:		Time Out:	1//0
Well Id.	MAA-9				THIS III.	<u> </u>	.,,,,,	
Well Inf	ormation			<u> </u>				
	Officialist	•	TOC	Other	Well Type:	Flus	hmount	Stick-Up
Depth to Wate	er:	(feet)	4.97	· · · · · · · · · · · · · · · · · · ·	Well Locke	d:	Yes	No
Depth to Botto		(feet)	6.35		Measuring F	oint Marked:	Yes 🔀	No
Depth to Prod	luct:	(feet)			Well Mater			ner:
Length of Wa		(feet)	1.38		Well Diame		2"Oth	ner:
Volume of Wa		(gal)	0.22		Comments			
Three Well Vo	olumes:	(gal)	0.66		<del> </del>			
<u> </u>		Harry Theory	<u> </u>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
							, , <del></del>	
Purging I	nformation	•				<u> </u>	Conversion F	actors
Descripe Marks		Bailer	Peristaltio	Grundf	os Pump		1" ID 2" ID	4" ID   6" ID
Purging Meth Tubing/Bailer		Teflon	<del>  </del>		rethylene	gal/ft.		
Sampling Met		Bailer	<del></del>	<del></del>	os Pump	water	0.04 0.16	0.66 1.47
Average Pum		(ml/min)		CI CI GIA	00 1 UMP[]		on=3.785L=3785r	
Duration of P		(min)	30			1		
Total Volume		(gal)	<i>2</i> [	Did well go dry?	Yes No	7		
				s⊠ No□	· · · · · · · · ·	<del></del>		<u>.</u>
Horiba U-52 \	Nater Quality I	vieter Usea?	res					
П 🚚	DTW	1 Tanan	1	ORP	Conductivity	Turbidity	DO	TDS
Time	DTW (fact)	Temp	pH	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1.32	(feet)	(°C) 12.62	8.12	-64	/. 20	252	1.60	0.770
1010	5.40	17.47	6.92	-107	1,20	25.7	1.94	0,280
1048	5.81	17.38	6.87	-118	1.22	56.1	0.92	0.783
1050	5.85	12-39	6.85	-136	1.23	16.4	0.59	afo
1055	6.01	12.40	6.84	45-156	1.24	36.5	0.49	0.798
1100	6.07	12.36	6.84	-168	1.25	32.3	0.47	0.798
	/							
III <i>379</i> 5	6.12	12.40	6.87	-178	1.25	12.4	0.60	0.801
1105	6.12	12.40	6.87	-178			0.60	0.801
7/05	ko. /2	17.40	6.87	-/28			0.60	0.801
//05	ko. /2	12.40	6.87	-178			0.60	0.801
7/05	6.12	12.40	6.87	-178			0.60	0.801
705	6.12	12.40	6.87	-178			0.60	0.801
Sampling In		12.40	6.87	-178			0.60	0.801
		12.40	6.87	-178		12.4		
Sampling In				-178		2 - 100 ml amb	pers Yes	s No
Sampling In	formation:	SVOC VOC's	PAH's BTEX	-178		2 - 100 ml amb 3 - 40 ml via	pers Yes	S No No
Sampling In  EPA SW-8  EPA SW-8	formation: 46 Method 8270	SVOC VOC's	PAH's BTEX	-178		2 - 100 ml amb	pers Yes	s No
Sampling In  EPA SW-8  EPA SW-8	formation: 46 Method 8270 346 Method 8260 346 Method 9013	SVOC VOC's Total Cy	PAH's BTEX vanide		1.25	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	pers Yes	S No No No No
Sampling In  EPA SW-8  EPA SW-8  EPA SW-8  Sample ID:	formation: 46 Method 8270 846 Method 8260 846 Method 9011	SVOC VOC's Total Cy	PAH's BTEX vanide	Yes No	1.25	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	pers Yes	S No No No No
Sampling In  EPA SW-8  EPA SW-8	formation: 46 Method 8270 346 Method 8260 346 Method 9013	SVOC VOC's Total Cy	PAH's BTEX vanide		1.25	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	pers Yes Is Yes stic Yes Pace Courier Pic Ship to Pace	S No
Sampling In  EPA SW-8  EPA SW-8  EPA SW-8  Sample ID:	formation:  46 Method 8270 846 Method 8260 846 Method 9011  MW-9-10	SVOC VOC's Total Cy	PAH's BTEX vanide	Yes No	1.25	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	pers Yes	S No
Sampling In  EPA SW-8  EPA SW-8  EPA SW-8  Sample ID:  Sample Time:	formation: 46 Method 8270 346 Method 8260 346 Method 901:  MW-9-10  //o 5	SVOC VOC's Total Cy	PAH's BTEX vanide uplicate? S/MSD?	Yes No	1.25	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla sipped: P	pers Yes Is Yes stic Yes Pace Courier Pic Ship to Pace	No Nalytical

Ogdensburg, N	new fork							······································
Sampling Pers	onnel: Pa	tu Lyon			Date: <b> 0</b>	18/23		
Job Number:	0603400-13				Weather:	Cloudy 55	•	
	MW-10R	<del>,,,,,</del>		<del></del>	Time In: _(		Time Out:	1015
Well Id.	IAIAA-101Z							
Well Info	ormation			1		-	K 2	
			тос	Other	Well Type:		$\mapsto$	Stick-Up
Depth to Wate		(feet)	-15		Well Locke		Yes Yes	No No
Depth to Botto		(feet)	22.50		Measuring i Well Mate	Point Marked:	Ss Oth	
Depth to Prod	<del></del>	(feet)			Well Diam		2" \ Oth	
Length of Wat			22.35	<del></del>	Comments			··· <u></u>
Volume of Wa			5.57 10.72		Commonic	•		
Three Well Vo	numes.	(gal)	10. Pd					
Purging Ir	nformation			<u> </u>	.,		<u> </u>	
							Conversion F	
Purging Metho	od:	Bailer	Peristaltio	<u> </u>	os Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer	Material:	Teflon	Stainless St	k	ethylene X	of	0.04	0.66 1.47
Sampling Met	hod:	Bailer	Peristaltion	Grundf	os Pump	water	0.04 0.16	0.66   1.47
Average Pum		(ml/min)	<u> </u>			1 gall	on=3.785L=3785m	nL=133/cu. reet
Duration of Pu		(min)	30					
Total Volume	Removed:	(gal)		Did well go dry?	Yes No			
Horiba U-52 V	Vater Quality N	/leter Used?	Yes	s No				
L								
Time	DTW	Temp	pН	ORP	Conductivity	Turbidity	DO	TDS
	(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
0940	0.72	12.06	9.25	-152	0.530	0.0	2.55	0.340
0945	1.66	12.32	9.34	-198	0.536	0.0	0.74	0.400
0950	2.10	17.24	9.32	-217	0.623	0.0	0.49	0.415
0955	2.43	17.23	9.18	-230	0.684	0.0	0.46	0.438
1000	2.64	12.06	9.19		0.697	0.0	0.41	0.446
1005	2.98	17.05	9.40	-243	0.699	0.0	0.40	0.447
10/6	3.06	17.02	7.77	211	0.677	1		
	<u> </u>			-	-			
							<u> </u>	
Sampling In	formation:							
								N
EPA SW-8	46 Method 8270					4 - 100 ml aml		No L
EPA SW-8	346 Method 8260					6 - 40 ml via		<b>(</b> ——)
#	346 Method 9012	2 Total Cy	anide /			2 - 250 ml pla	stic Yes	No No
II .	1023			, N. C	٦ ^	hinned: F	Pace Courier Pic	kun 🔽
Sample ID:	MW-10R-1		iplicate?	Yes No	-	hipped: F	ace Couner Pic Ship to Pace	vah 🔛
Sample Time:	1010	M:	S/MSD?	Yes No X	<u> </u>		·	المسما
Comments/N	lotes:					Laboratory:	Pace Ar Greensb	-

6 Con Bonnando	6. ERN	07		Date:	10/18/27	3	
Sampling Personnel:		> /		Weather:		rd 4 50°	
Job Number: 0603400-13	36690-221						
Well Id. MW-11			···	Time In:	1025	Time Out:	1120
Well Information		гос	Other	Well Type:		<del>( )</del>	tick-Up
Depth to Water:	(feet) $J$	62		Well Locke		Yes	No
Depth to Bottom:	V	3.51		Measuring P		Yes	No
Depth to Product:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	VP		Well Materi		SSOth	
Length of Water Column:		89		Well Diame		2" \Oth	er:
Volume of Water in Well:	(gal) O	146		Comments			
Three Well Volumes:	(gal)	.39					
Purging Information					F		
		<del></del> 1	5-21	<b> </b>		Conversion F	
Purging Method:	Bailer	Peristaltic	<u> </u>	os Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Material:	Teflon	Stainless St.	<del></del>	yethylene X	of	ا ء ، ا ء ، ء ا	
Sampling Method:	Bailer	Peristaltic	Grundf	os Pump	water	0.04 0.16	0.66 1.47
Average Pumping Rate:	(ml/min) <b>2</b>	_00			1 gall	on=3.785L=3785m	L=1337cu. feet
Duration of Pumping:	(min)	30		<del></del>	₹\$		
Total Volume Removed:	(gal)	<u>2</u> D	id well go dry?	Yes No	<b>∠</b> I		
Horiba U-52 Water Quality N	leter Used?	Yes	No				
Tioriba 0-02 Water Quality ii	10101 0000.						
			l OPP	Conductivity	Turbidity	T DO	TDS
Time DTW	Temp	рН	ORP	Conductivity (mS/cm)	(NTU)	(mg/L)	(g/L)
(feet)	15.08	7.7/	(mV) -248	/	0,0	2.34	0.752
1035 3,77	14.95		-247	1.20	589	1,2/	2773
1040 4.05	- <del>/ / / / -  </del>	7.55	-249	1.24	1/3	0,46	0.795
	14.84	7,05	<del></del>	128	60.2	0.28	08/4
1050 4.17	14.82	7.20	-250	129	33.7	0.21	0.827
1 1 1 1 1 1 1 1	7,00	1111			301/	0.2/	12. 0 m
11 4 4 20 23 1 9 2 2 2 1				1 1 70 1	12 8	1 /1 /7	ロタンスランベー し
	14.8/	7./6	1-248	1,30	16.8	0,17	0.828
1105 4.24	14.81	7.12	-247	1,30	16.8	0,17	0.828
	14.79	7.12	+		16.8	0.17	0.828
	14.79	7./2	+		16.8	0,14	0.828
	14.79	7.12	+		16.8	0,17	0.828
	14.79	7.12	+		16.8	0,17	0.828
1105 4.24	14.79	7.12	+		16.8	0,17	0.828
	14.79	7.12	+		16.8	0,17	0.828
1105 4.24	14.79		+		5.2	0,17	0.828
1105 4.24	14.79 SVOC PA	.H's	+		2 - 100 ml amb		<b>(→)</b>
Sampling Information:	14.79 SVOC PA	.H's	+		2 - 100 ml amb 3 - 40 ml via	ls Yes	N <sub>0</sub> □
Sampling Information:  EPA SW-846 Method 8270	SVOC PA VOC'S BT	.H's -EX	+		2 - 100 ml amb	ls Yes	N <sub>0</sub> □
Sampling Information:  EPA SW-846 Method 8270 EPA SW-846 Method 8260	SVOC PA VOC'S BT	.H's -EX	+	1,30	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	ls Yes stic Yes	No No
Sampling Information:  EPA SW-846 Method 8270 EPA SW-846 Method 8260	SVOC PA VOC's BT Total Cyar	.H's EX nide	+	1,30	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	lls Yes stic Yes Pace Courier Pick	No No
Sampling Information:  EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012	SVOC PA VOC's BT Total Cyar	hH's EX nide	-247	1,30	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	ls Yes stic Yes	No No
Sampling Information:  EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 Sample ID: Sample Time:	SVOC PA VOC's BT Total Cyar	.H's EX nide	-247 Yes No	1,30	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla ipped: P	ls Yes stic Yes Pace Courier Pick Ship to Pace	No No
Sampling Information:  EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 Sample ID: MW-11-10	SVOC PA VOC's BT Total Cyar	.H's EX nide	-247 Yes No	1,30	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	lls Yes stic Yes Pace Courier Pick	No N

Ogdensburg, New Tork						
Sampling Personnel:	6. FRI	15 6		Date: /	10/18/23	<del> </del>
	136690-221			Weather:	PTC/sud	2005
Well ld. MW-12R				Time In:	0930	Time Out: /025
VVCII IQ.						
Well Information						
		TOC	Other	Well Type:		mount Stick-Up
Depth to Water:	(feet)	8,37		Well Locke		Yes No No
Depth to Bottom:	(feet)	21.40		Measuring P Well Materi		SS Other:
Depth to Product:	(feet)	NP 3,03		Well Diame	F	2" Other:
Length of Water Column:  Volume of Water in Well:		2,08		Comments	_	
Three Well Volumes:		1.25				
111100 17011 1511110						
Purging Information	· -· -·-				<del> </del>	Oion Fton
			K-7	<u> </u>	r	Conversion Factors 1" ID 2" ID 4" ID 6" ID
Purging Method:	Bailer	<del></del>		lfos Pump lyethylene	gal/ft.	1 10 2 10 4 10 0 10
Tubing/Bailer Material:	Teflon		~ <del> </del>	Ifos Pump	of water	0.04   0.16   0.66   1.47
Sampling Method: Average Pumping Rate:	Bailer (ml/min)	2 <i>00</i>	Grand	1105 T UITIP[]	<del></del>	n=3.785L=3785mL=1337cu. feet
Duration of Pumping:	(min)	30				
Total Volume Removed:	(gal)		Did well go dry?	Yes No	$\boldsymbol{X}$	
Horiba U-52 Water Quality		Ye	s No			
Horiba 0-32 vvaler Quality	Wieter Odea:			<u> </u>		
Time DTW	Temp	рН	ORP	Conductivity	Turbidity	DO TDS
(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L) (g/L)
1945 9,38	14,65	7.61	-215	0.673	1.5	0.81 0.430
0950 11.13	14.60	7.47	-341	0,667	2,6	0.5/ 0.428
2955 12.04	14,67	7.49	1-357	0.66	3.2	0.47 0.425
1000 13.28	14.87	7.54	1-3/2	0,659	0.7	0.50 0.422
1005 14.56	15.23	7.52	-386	0,656	0.4	0.51 0.419
1010 15.65	15.37	7.49	-387	0.651	0,0	0.54 0.417
10/3 ///	1,3,5,					
		<u> </u>			<u> </u>	
		<del></del>	<del></del>		<del>-</del>	1
Sampling Information:						
	70 01/00	D A Llia			2 - 100 ml amb	ers Yes No
EPA SW-846 Method 82					3 - 40 ml vial	
EPA SW-846 Method 82 EPA SW-846 Method 90					1 - 250 ml plas	
ELY 244-040 Method an	,_ iotalo;	,		_		
Sample ID: MW-12F	-1023 D	uplicate?	Yes No	SI     SI	hipped: P	ace Courier Pickup
Sample Time: 1020		S/MSD?	Yes No	≤		Ship to Pace
Comments/Notes:					Laboratory:	Pace Analytical
COMMITGINIS/NOLES.					•	Greensburg, PA
	oard\ Dlanning\ 994			I <u>L</u>		Page 14 of 1

 $\verb|\syracuse-01\Dashboard\Planning\994864.x| sm$ 

Ogdensburg, New York		
Sampling Personnel:		Date: 10/18/2-3
Job Number: 0603400-136690-22	1	Weather: Curso if 51
Well Id. MW-14R		Time In: 09:45 Time Out:
Well Information		
	TOC Other	Well Type: Flushmount Stick-Up
Depth to Water: (feet		Well Locked: Yes No
Depth to Bottom: (feet) Depth to Product: (feet)		Well Material: PVC SS Other:
Length of Water Column: (feet		Well Diameter: 1" 2" Other:
Volume of Water in Well: (gal)		Comments:
Three Well Volumes: (gal)	24-39	
Purging Information		Conversion Factors
Purging Method:	Bailer Peristaltic Grun	ndfos Pump gal/ft. 1" ID 2" ID 4" ID 6" ID
Tubing/Bailer Material:		Polyethylene of
Sampling Method:		ndfos Pump water 0.04 0.16 0.66 1.47
Average Pumping Rate: (ml/mi	· · · · · · · · · · · · · · · · · · ·	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (mi		2 Vac Nac Nac Nac Nac Nac Nac Nac Nac Nac N
Total Volume Removed: (ga		/? Yes No
Horiba U-52 Water Quality Meter Use	d? Yes No	
		Conductivity   Turbidity   DO   TDS
Time DTW Tem	· 1 · 1	Conductivity Turbidity DO TDS (mS/cm) (NTU) (mg/L) (g/L)
(feet) (°C)		0.519 3.4 11.17 0.371
09:55 0:00 13.7	7 2.07 63	0.577 1.2 958 0.369
10:00 0.00 13.4	7 3.06 -18	0.516 0.6 8.82 0.369
10:05 0.00 13.3	////	0.577 0.0 8.07 0.570
10.10 0.00 13.10		0.579 00 7.28 0.371
N: 15 0.00 13.14		0.580 0.0 6.51 0.371
10:20 0.00 13.1	5 5.42 112	0.301 0.0
Sampling Information:		
EDA 000 040 Martinal 0070	VOC BALLO	2 - 100 ml ambers
41	OC PAH's	3 - 40 ml vials Yes No
	tal Cyanide	1 - 250 ml plastic Yes No
El Work sas Modisa as 12		· ************************************
Sample ID: <u>MW-14R-1023</u>	Duplicate? Yes No	Shipped: Pace Courier Pickup
Sample Time: 10 52	MS/MSD? Yes No	Ship to Pace
		· · · · · · · · · · · · · · · · · · ·
Comments/Notes:	**	Laboratory: Pace Analytical Greensburg, PA

Sampling Personnel:	Date: 70/18/23
	Weather: Comy 5
	Time In: 12:15 Time Out:
Well Id. MW-15RS	
Well Information	
TOC Other	Well Type: Flushmount Stick-Up
Depth to Water: (feet) 7-40	Well Locked: Yes No No
Depth to Bottom: (feet) 23.65	Measuring Point Marked: Yes No No
Depth to Product: (feet)	Well Material: PVC SS Other:
Length of Water Column: (feet) 15-87	
Volume of Water in Well: (gal) 0 63	Comments:
Three Well Volumes: (gal) [ 40]	
Purging Information	Conversion Factors
Purging Method: Bailer Peristaltic Grun	dfos Pump gal/ft. 1" ID 2" ID 4" ID 6" ID
Purding Method.	olyethylene
	dfos Pump water 0.04 0.16 0.66 1.47
Average Pumping Rate: (ml/min)	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (min) 3.3	
Total Volume Removed: (gal) Z Did well go dry	? Yes No
Horiba U-52 Water Quality Meter Used? Yes No	
Tioriba 0-52 vvaler educity inter-	
Time DTW Temp pH ORP	Conductivity Turbidity DO TDS
(feet) (°C) (mV)	(mS/cm) (NTU) (mg/L) (g/L)
	1.21 7.5 3.14 0-779
12.20 15.52 0.73 85	1.21 7.5 3.14 0-779
12.20 15.52 0.73 95 12.25 16.03 1.50 20 12.30 14.99 2.43 -35	1.21 7.5 3.14 0-779 1.27 4.9 1.60 0.815 1.28 4.2 1.86 0-823
12.20 15.52 0.73 8° 12.25 15.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -26	1.21 7.5 3.14 0-779 1.27 4.9 1.60 0.815 1.28 4.2 1.56 0-823 1.30 3.7 1.52 0.829
12.20 15.52 0.73 85 12.25 15.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.70 14.95 3.60 -106	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.38 4.2 1.56 0.823 1.30 3.7 1.52 0.829 1.31 8.7 1.62 0.839
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.28 4.2 1.86 0.823 1.30 3.7 1.52 0.029 1.31 8.7 1.62 0.939 1.32 3.9 1.64 0.847
12.20 15.52 0.73 85 12.25 15.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.70 14.95 3.60 -106	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.38 4.2 1.56 0.823 1.30 3.7 1.52 0.829 1.31 3.7 1.62 0.839
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.28 4.2 1.86 0.823 1.30 3.7 1.52 0.029 1.31 8.7 1.62 0.939 1.32 3.9 1.64 0.847
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.28 4.2 1.56 0.823 1.30 3.7 1.52 0.829 1.31 8.7 1.62 0.836 1.32 3.9 1.64 0.847
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.28 4.2 1.56 0.823 1.30 3.7 1.52 0.829 1.31 8.7 1.62 0.836 1.32 3.9 1.64 0.847
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0-779 1.27 4.9 1.60 0.815 1.28 4.2 1.56 0-823 1.30 3.7 1.52 0.029 1.31 8.7 1.62 0.939 1.32 3.9 1.64 0.842
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.28 4.2 1.56 0.823 1.30 3.7 1.52 0.829 1.31 8.7 1.62 0.836 1.32 3.9 1.64 0.847
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.36 4.2 1.56 0.823 1.30 3.7 1.52 0.929 1.31 3.7 1.62 0.939 1.32 3.9 1.69 0.846
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.38 4.2 1.52 0.823 1.30 3.7 1.52 0.929 1.31 8.7 1.62 0.936 1.32 3.9 1.64 0.845 1.32 3.5 1.76 0.846
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.36 0.823 1.30 3.7 1.52 0.929 1.31 8.7 1.62 0.939 1.32 3.9 1.69 0.892 1.32 3.5 1.76 0.896
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.36 4.2 1.56 0.823 1.30 3.7 1.52 0.029 1.31 8.7 1.62 0.939 1.32 3.9 1.64 0.845 1.32 3.5 1.76 0.846
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.36 4.2 1.56 0.823 1.30 3.7 1.52 0.929 1.31 8.7 1.62 0.936 1.32 3.9 1.64 0.846  2-100 ml ambers Yes No 1.32 3.40 ml vials Yes No 1.250 ml plastic Yes No 1.250 ml plastic
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.38 4.2 1.52 0.929 1.31 3.7 1.62 0.937 1.32 3.9 1.69 0.846 1.32 3.5 1.76 0.846  2-100 ml ambers Yes No
12.10	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.30 3.7 1.52 0.929 1.31 8.7 1.62 0.936 1.32 3.9 1.64 0.846  1.32 3.5 1.76 0.846  2-100 ml ambers Yes No
12.40	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.38 4.2 1.52 0.929 1.31 3.7 1.62 0.939 1.32 3.9 1.69 0.895 1.32 3.5 1.76 0.896  2-100 ml ambers Yes No

National Grid King Street Non-Owned Former MGP Site

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Sampling Per	sonnel: P	rer Lyon			Date: 10/1	1/23		
Job Number:		36690-221			Weather:	55° overcas	<u></u>	
		00000			Time In: 1	220	Time Out:	1305
Well Id.	MW-17R			<del></del>	Tane in. 12		1,1110 0 0.0.	7,505
Well Inf	ormation				· · · · · · · · · · · · · · · · · · ·			
	-	•	TOC	Other	Well Type:	Flus	shmount 🔀 ᠄	Stick-Up
Depth to Wate	er:	(feet)	6.75		Well Locke	d:	Yes	No
Depth to Botto		(feet)	26.90		_	oint Marked:	Yes	No
Depth to Prod		(feet)			Well Materi			ner:
Length of Wa			20.15		Well Diame		2"\Oth	ner:
Volume of Wa		(gal)	3.22		Comments	•		
Three Well Vo	olumes:	(gal)	9.67					
<u></u>						4-34		
Purging I	nformation	<u> </u>						
r diging ii	mormation	•					Conversion F	actors
Purging Meth	od:	Bailer	Peristaltic	Grundi	os Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer		Teflon	Stainless St.	Pol	ethylene	of		
Sampling Met		Bailer	Peristaltic	Grund	os Pump	water	0.04 0.16	<del></del>
Average Pum	ping Rate:	(ml/min)	200			1 gal	lon=3.785L=3785n	nL=1337cu. feet
Duration of P		(min)	30		[] [	71		
Total Volume	Removed:	(gal)	<i></i> _D	id well go dry?	Yes No	<u> </u>		
Horiba U-52 \	Nater Quality I	Meter Used?	Yes	No ☐				
<u> </u>			TO THE DATE:					
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
Time	DTW (feet)	Temp (°C)	·	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
Time 1230	(feet) 2.53	(°C) 15.75	2.58	(mV) -229	(mS/cm)	(NTU) 30.5	(mg/L) 0.67	(g/L) 0.579
	(feet) 2.53 8.28	(°C) 15.75 15.58	2.58 2.30	(mV) -229 -244	(mS/cm) 0-904 0-914	(NTU) 30.5 3.5	(mg/L) 0.67 0.44	(g/L) 0.579 0.584
1230 1235 1240	(feet)  7.53  8.28  9.02	(°C) 15.75 15.58 15.55	7.58 7.30 2.18	(mV) -229 -244 -254	(mS/cm) 0.904 0.914 0.919	(NTU) 30.5 3.5 3.3	(mg/L) 0.67 0.44 0.36	(g/L) 0.579 0.584 0.581
1230 1235 1290 1295	(feet) 2.53 8.28 9.02 9.51	(°C) 15.75 15.58 15.55	7.58 7.30 7.18 7.12	(mV) -229 - 244 -254 -260	(mS/cm) 0.904 0.914 0.919 0.909	(NTU) 30.5 3.5 3.3 0.4	(mg/L) 0.67 0.44 0.36 0.33	(g/L) 0.579 0.584 0.581 0.581
1230 1235 1240 1245 1250	(feet) 2.53 8.28 9.02 9.51 9.94	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.04	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898	(NTU) 30.5 3.5 3.3 0.4	(mg/L) 0.67 0.44 0.36 0.33 0.33	(g/L) 0.579 0.584 0.581 0.581 0.574
1230 1235 1240 1245 1250 1255	(feet)  2.53  8.28  9.02  9.51  9.94  10.14	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.574 0.571
1230 1235 1240 1245 1250	(feet) 2.53 8.28 9.02 9.51 9.94	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.04	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898	(NTU) 30.5 3.5 3.3 0.4	(mg/L) 0.67 0.44 0.36 0.33 0.33	(g/L) 0.579 0.584 0.581 0.581 0.574
1230 1235 1240 1245 1250 1255	(feet)  2.53  8.28  9.02  9.51  9.94  10.14	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.571 0.571
1230 1235 1240 1245 1250 1255	(feet)  2.53  8.28  9.02  9.51  9.94  10.14	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.571 0.571
1230 1235 1240 1245 1250 1255	(feet)  2.53  8.28  9.02  9.51  9.94  10.14	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.571 0.571
1230 1235 1240 1245 1250 1255	(feet)  2.53  8.28  9.02  9.51  9.94  10.14	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.571 0.571
1230 1235 1240 1245 1250 1255	(feet) 2.53 8.28 9.02 9.51 9.94 10.14 10.36	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.571 0.571
1230 1235 1240 1245 1250 1255 1300	(feet) 2.53 8.28 9.02 9.51 9.94 10.14 10.36	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8 1.7	(mg/L) 0.67 0.44 0.36 0.33 6.34 0.37	(g/L) 0.579 0.584 0.581 0.574 0.574 0.571
1230 1235 1245 1245 1255 1355 1356	(feet) 2.53 8.28 9.02 9.51 9.94 10.14 10.36	(°C) 15.75 15.58 15.55 15.57 15.57 15.57	7.58 7.30 2.18 7.12 2.06 7.03	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8 1.7	(mg/L) 0.67 0.44 0.36 0.33 0.37 0.37	(g/L) 0.579 0.584 0.581 0.574 0.574 0.571
1230   1235   1270   1295   1255   135   135   135   EPA SW-8	(feet)  7.53  8.28  9.02  9.51  9.99  10.19  io. 36  formation:  46 Method 8270  46 Method 8260	(°C) 15.75 15.58 15.55 15.57 15.57 15.57 15.57	7.58 7.30 2.18 7.12 2.66 7.06 7.03	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30. 5 3. 5 3. 3 0. 4 1. 2 0. 8 1. 7 2 - 100 ml aml 3 - 40 ml via	(mg/L)  0.67  0.44  0.36  0.33  0.33  0.33  0.33  Verse Yes	(g/L) 0.579 0.584 0.581 0.574 0.574 0.574
1230   1235   1270   1295   1255   135   135   135   EPA SW-8	(feet)  7.53  8.28  9.02  9.51  9.94  10.14  jo. 36  formation:	(°C) 15.75 15.58 15.55 15.57 15.57 15.57 15.57	7.58 7.30 2.18 7.12 2.66 7.06 7.03	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8 1.7	(mg/L)  0.67  0.44  0.36  0.33  0.33  0.33  0.33  Verse Yes	(g/L) 0.579 0.584 0.581 0.574 0.574 0.574
1230   1235   1245   1245   1255   1355   1355   1356   EPA SW-8   EPA SW-8	(feet)  2.53  8.28  9.02  9.51  9.99  10.19  10.36  formation:  46 Method 8270  46 Method 8260  46 Method 9012	(°C) /5.75 /5.58 /5.55 /5.57 /5.57 /5.57 /5.57 /5.57 /5.57 /5.57 /5.57	7.58 7.30 7.18 7.12 2.06 7.06 7.03	(mV) -229 -244 -254 -260 -262 -262 -260	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893 0.892	(NTU) 30.5 3.5 3.3 0.4/ 1.2 0.8 1.7 2 - 100 ml aml 3 - 40 ml via 1 - 250 ml pla	(mg/L)  0.67  0.44  0.36  0.33  0.34  0.37  0.33  eners Yes	(g/L) 0.579 0.584 0.581 0.574 0.574 0.571
12.30   12.35   12.95   12.95   12.55   13.50   12.55   13.50   13.5	(feet)  7.53  8.28  9.02  9.51  9.99  10.19  10.36  formation:  46 Method 8270  46 Method 8260  46 Method 9012	(°C) /5.75 /5.58 /5.55 /5.57 /5.57 /5.57 /5.57 /5.57 Duch Service of Control Cy	7.58 7.30 2.18 7.12 2.06 7.06 7.03 PAH's BTEX anide	(mV) -229 -244 -254 -260 -261 -260	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893 0.892	(NTU) 30.5 3.5 3.3 0.4/ 1.2 0.8 1.7 2 - 100 ml aml 3 - 40 ml via 1 - 250 ml pla	(mg/L)  0.67  0.44  0.36  0.33  0.33  0.37  0.33  eners Yes estic Yes Pace Courier Pic	(g/L) 0.579 0.584 0.581 0.574 0.574 0.571
1230   1235   1270   1295   1255   1355   1356   1356   EPA SW-8   EPA SW-8   EPA SW-8   EPA SW-8   Sample ID:   Sample Time:	(feet)  2.53  8.28  9.02  9.51  9.99  10.19  10.36  formation:  46 Method 8270  346 Method 8260  46 Method 9013	(°C) /5.75 /5.58 /5.55 /5.57 /5.57 /5.57 /5.57 /5.57 Duch Service of Control Cy	7.58 7.30 7.18 7.12 2.06 7.06 7.03	(mV) -229 -244 -254 -260 -262 -262 -260	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893 0.892	(NTU)  30.5  3.5  3.3  0.4  1.2  0.8  1.7  2-100 ml aml 3-40 ml via 1-250 ml pla	(mg/L)  O.67  O.44  O.36  O.33  O.33  O.33  O.33  O.34  O.34  O.35  O.35  O.36  O.37  O.37	(g/L)  0.579  0.58/  0.58/  0.58/  0.57/  0.57/  0.57/  0.57/  0.57/  kup
1230   1235   1275   1255   1355   1356   1356 	(feet)  2.53  8.28  9.02  9.51  9.99  10.19  10.36  formation:  46 Method 8270  346 Method 8260  46 Method 9013	(°C) /5.75 /5.58 /5.55 /5.57 /5.57 /5.57 /5.57 /5.57 Duch Service of Control Cy	7.58 7.30 2.18 7.12 2.06 7.06 7.03 PAH's BTEX anide	(mV) -229 -244 -254 -260 -261 -260	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893 0.892	(NTU) 30.5 3.5 3.3 0.4/ 1.2 0.8 1.7 2 - 100 ml aml 3 - 40 ml via 1 - 250 ml pla	(mg/L)  0.67  0.44  0.36  0.33  0.33  0.37  0.33  eners Yes estic Yes Pace Courier Pic	(g/L)  0.579  0.584  0.584  0.574  0.574  0.574  0.574  0.574  0.574  0.88  No  No  Ralytical

National Grid King Street Non-Owned Former MGP Site

 $\verb|\syrrmt88-vm3\syracuse-01| Dashboard Planning 994864.x | sm| | syracuse-01| |$ 

Sampling Personnel: Da	ate: 10/18/23
	eather: Geom 56
	me in: // :05 Time Out:
Well tu. 1917-1917	
Well Information	
	ell Type: Flushmount Stick-Up Stick-Up
Deptil to vvater.	ell Locked: Yes No No
	easuring Point Marked: Yes No No Other:
Depth to 1 todaet. (Not)	ell Material: PVC SS Other:
Length of Water Column. (icely 35:70	omments:
Three Well Volumes: (gal)	
111100 1101 101011100	
Purging Information	
	Conversion Factors
Purging Method: Bailer Peristaltic Grundfos Pum	
Tubing/Bailer Material: Teflon Stainless St. Polyethylene	
Sampling Method:  Bailer Peristaltic Grundfos Pum	1 gallon=3.785L=3785mL=1337cu. feet
Average Pumping Rate: (ml/min) 3000000000000000000000000000000000000	1 gailon-0.700E-0700ME-10070d. 1001
Total Volume Removed: (gal) Did well go dry? Yes	s T No T
Horiba U-52 Water Quality Meter Used? Yes No No	
The state of the s	Austivity Turbidity DO TDS
	ductivity Turbidity DO TDS S/cm) (NTU) (mg/L) (g/L)
(feet) (°C) (mV) (m	S/cm) (NTU) (mg/L) (g/L)
(feet) (°C) (mV) (mI	S/cm) (NTU) (mg/L) (g/L) 0.21 0.9 2.63 6393 599 0.4 1.44 0.376
(feet) (°C) (mV) (m) 11:15 5.15 16.25 3.15 35 0-1 11:20 7-01 15.35 3.54 30 0.5 11:25 9.64 15.30 3.61 91 0.5	S/cm) (NTU) (mg/L) (g/L) (0.21 0.9 2.63 6393 (599 0.4 1.47 0.376 (582 0.3 1.37 0.373
(feet) (°C) (mV) (m)  11:15 5.15 16.25 3.15 35 0.1  11:20 7-01 15.30 3.54 30 0.5  11:27 9.64 15.30 3.61 91 0.5  11:30, 11:32 15:30 3.50 62 0.5	S/cm) (NTU) (mg/L) (g/L)  021 0.9 2.63 6393  599 0.4 1.47 0.376  582 0.3 1.37 0.373  82 1.1 1.41 0.372
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L) (QZ) 0.9 2.63 6393 (SP) 0.4 1.47 0.376 (SP) 0.3 1.37 0.373 (SP) 1.1 1.41 0.373 (SP) 0.2 1.38 6.343
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L)  021 0.9 2.63 6393  582 0.3 1.37 0.373  582 0.3 1.37 0.373  582 0.2 1.1 1.41 0.372  583 0.2 1.38 0.343  584 0.1 1.38 0.374
(feet) (°C) (mV) (m)  1/1,5 5.15 16.26 3.15 35 0.1  11.20 7.01 15.30 3.51 41 0.5  11.30 11.32 15.30 3.50 62 0.5  11.35 13.22 15.30 3.20 39 0.5	S/cm) (NTU) (mg/L) (g/L) (QZ) 0.9 2.63 6393 (SP) 0.4 1.47 0.376 (SEZ 0.3 1.37 0.373 (SEZ 1.1 1.41 0.37) (SEZ 0.2 1.38 6.343
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L)  021 0.9 2.63 6393  582 0.3 1.37 0.373  582 0.3 1.37 0.373  582 0.2 1.1 1.41 0.372  583 0.2 1.38 0.343  584 0.1 1.38 0.374
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L)  021 0.9 2.63 6393  589 0.4 1.44 0.376  582 0.3 1.37 0.373  582 1.1 1.41 0.372  83 0.2 1.38 6.343  584 6.1 1.38 0.374
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L)  021 0.9 2.63 6393  582 0.3 1.37 0.373  582 0.3 1.37 0.373  582 0.2 1.1 1.41 0.372  583 0.2 1.38 0.343  584 0.1 1.38 0.374
(feet) (°C) (mV) (m)  11:15 5 15 16 25 3 15 35 0 1  11:20 7-01 15 30 3 61 41 0 5  11:30 16:32 15:30 3 50 62 0 6  11:35 13:22 15:30 3 20 59 0 5	S/cm) (NTU) (mg/L) (g/L)  021 0.9 2.63 6393  589 0.4 1.47 0.376  582 0.3 1.37 0.373  582 1.1 1.41 0.372  83 0.2 1.38 6.343  584 6.1 1.38 0.374
(feet) (°C) (mV) (m)  1/1,5 5.15 16.25 3.15 35 0.1  11:20 7-01 15.30 3.54 30 0.5  11:25 7.64 15.30 3.50 62 0.5  11:35 13.22 15.30 3.20 39 0.5  11:45 16.96 15.32 2.60 152. 0.5	S/cm) (NTU) (mg/L) (g/L)  021 0.9 2.63 6393  589 0.4 1.44 0.376  582 0.3 1.37 0.373  582 1.1 1.41 0.372  83 0.2 1.38 6.343  584 6.1 1.38 0.374
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L)  (QZ) 0.9 2.63 6393  (SP) 0.4 1.47 0.376  (SE2 0.3 1.37 0.373  (SE2 1.1 1.41 0.372  (SE3 0.2 1.38 6.343  (SE3 0.4 1.44 0.374)
(feet) (°C) (mV) (m)  1/1,5 5.15 16.25 3.15 35 0.1  11:20 7-01 15.30 3.54 30 0.5  11:25 7.64 15.30 3.50 62 0.5  11:35 13.22 15.30 3.20 39 0.5  11:45 16.96 15.32 2.60 152. 0.5	S/cm) (NTU) (mg/L) (g/L)  021 0.9 2.63 6393  589 0.4 1.47 0.376  582 0.3 1.37 0.373  582 1.1 1.41 0.372  83 0.2 1.38 6.343  584 6.1 1.38 0.374
(feet) (°C)	S/cm) (NTU) (mg/L) (g/L)  (QZ) 0-9 2-63 6393  (SP) 0-4 1-44 0-376  (SZ) 0-3 1-37 0-376  (SZ) 0-3 1-37 0-376  (SZ) 0-1 1-38 6-373  (SZ) 0-1 1-38 0-374  (SZ) 0-4 1-44 0-379  (SZ) 0-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1
(feet) (°C) (mV) (m)   (III)	S/cm) (NTU) (mg/L) (g/L)  021 0.9 2.63 6393  599 0.4 1.47 0.376  582 0.3 1.37 0.373  582 1.1 1.41 0.372  83 0.2 1.38 6.343  584 6.1 1.38 0.374  \$85 0.4 1.44 0.374  2-100 ml ambers Yes No
(feet) (°C) (mV) (m:	S/cm   (NTU)
(feet) (°C) (mV) (m:	S/cm   (NTU)
(feet) (°C) (mV) (m:	S/cm   (NTU)   (mg/L)   (g/L)   (g/L
(feet) (°C) (mV) (m:	S/cm   (NTU)

Sampling Personnel:				Date: <i> Ô</i>	118123		
Job Number: 0603400-1	136690-221			Weather:	PC 5	5	
Well Id. MW-20R				Time in:	0:25	Time Out	11:38
Well Information	•	TOC	Other	Well Type:	Flu	shmount	Stick-Up
Depth to Water:	(feet)	000		Well Locke		Yes	No
Depth to Bottom:	(feet)	28.40		Measuring F	oint Marked:	Yes	No
Depth to Product:	(feet)	<u></u>		Well Mater			her:
Length of Water Column:	(feet)	28.40		Well Diame		' 2"  <b></b> Ot	her:
Volume of Water in Well: Three Well Volumes:	(gal) 2 (gal) /	1.54		Comments	•		
Tillee VVeir Voldines.	(gai)	5.49					
Purging Information		<u> </u>		<u> </u>		<u> </u>	
	• 		<b>-</b>			Conversion I	7
Purging Method:	Bailer	<b>├</b> ── <b>┤</b>		fos Pump	gal/ft.	1" ID   2" ID	4" ID 6" ID
Tubing/Bailer Material:	Tefion	<del></del> -	<del></del>	yethylene	of		
Sampling Method:	Bailer	<u></u>	Grund	fos Pump	water	<u> </u>	
Average Pumping Rate:  Duration of Pumping:	(ml/min)	<u>フルー</u> あつ			1 gai	lon=3.785L=3785i	mL=1337cu. feet
Total Volume Removed:	(gal)		oid well go dry?	Yes No			
		<del></del>			<del>5</del>		
Horiba U-52 Water Quality N	Meter Used?	Yes	No				
Time DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
(feet) (0:3: 0:00	(°C) 15.25	4-86	(mV) -162	(mS/cm) 0.602	•	(mg/L) 9-27	(g/L) 0.386
(feet) 10:3: 0:00 10:35 1:32	(°C) 15.25 15.35	4.98	(mV) -/62 -/41	(mS/cm) 0.603 0.615	(NTU) 49,9 4,7	(mg/L) 9-27 9-32	(g/L)
(feet)	(°C) 15.25 15.35 15.72	4-86	(mV) -162	(mS/cm) 0.602 0.615 0.615	(NTU) 49.9 4.7 7.8	(mg/L) 9-27	(g/L) 0.386 0.394 0.395
(feet) 10:3: 0:00 10:35 1:32	(°C) 15.25 15.35	4.98	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49,9 4,7	(mg/L) 9-27 9-32	(g/L) 0.386
(feet) 10:3: 0.00 10:35 1.30 10:40 3.75 10:45 5.92	(°C) 15.25 16.35 16.72 15.86	4.98	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.615	(NTU) 49.9 4.7 7.8 77.0	(mg/L) 9-27 9-32 8-47 7-84	(g/L) 0.386 0.394 0.395 0.395
(feet) 10:3: 0.00 10:35 1.32 10:40 3.45 10:45 5.92 10:50 7.42	(°C) 15.25 16.35 16.72 15.86	4.98	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 4.7 7.8 77.0	(mg/L) 9-27 9-32 8-47 7-84	(g/L) 0.386 0.394 0.395 0.395
(feet) 10:3: 0.00 10:35 1.39 10:40 3.75 10:45 5.92 10:50 7.42 10:65 9.47	(°C) 15.25 15.35 15.72 15.86 15.86 15.87	4.98	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 4.7 7.8 77.0 3.7	(mg/L) 9-27 9-32 9-47 7-84 7-31 6-92	(g/L) 0.386 0.394 0.395 0.395
(feet) 10:3: 0.00 10:35 1.39 10:40 3.75 10:45 5.92 10:50 7.42 10:65 9.47	(°C) 15.25 15.35 15.72 15.86 15.86 15.87	4.98	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 4.7 7.8 77.0 3.7	(mg/L) 9-27 9-32 9-47 7-84 7-31 6-92	(g/L) 0.386 0.394 0.395 0.395
(feet) 10:3: 0.00 10:35 1.39 10:40 3.75 10:45 5.92 10:50 7.42 10:65 9.47	(°C) 15.25 15.35 15.72 15.86 15.86 15.87	4.98	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 4.7 7.8 77.0 3.7	(mg/L) 9-27 9-32 9-47 7-84 7-31 6-92	(g/L) 0.386 0.394 0.395 0.395
(feet) 10:3: 0.00 10:35 1.39 10:40 3.75 10:45 5.92 10:50 7.42 10:65 9.47	(°C) 15.25 15.35 15.72 15.86 15.86 15.87	4.98	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 4.7 7.8 77.0 3.7	(mg/L) 9-27 9-32 9-47 7-84 7-31 6-92	(g/L) 0.386 0.394 0.395 0.395
(feet) 10:3: 0.00 10:35 1.39 10:40 3.75 10:45 5.92 10:50 7.42 10:65 9.47	(°C) 15.25 15.35 15.72 15.86 15.86 15.87	4.80 4.80 4.20 4.18 4.18 4.11	(mV) -162 -141 -102 -63 -57 -51 -52	(mS/cm) 0.602 0.615 0.618 0.618 0.614	(NTU) 49.9 4.7 7.8 17.0 3.7 3.7 2.0	(mg/L) 9-27 9-32 9-47 7-84 7-31 6-92	(g/L) 0.386 0.394 0.395 0.395
(feet)  10:3: 0.00  10:35 1.32  10:40 3.45  10:45 5.92  10:50 7.42  10:55 9.47  11:00 10.72	(°C) 15.25 16.35 15.72 15.86 15.87 15.87	4.80 4.80 4.20 4.18 4.18 4.11	(mV) -162 -141 -102 -63 -57 -51 -52	(mS/cm) 0.602 0.615 0.618 0.618 0.614	(NTU) 49.9 4.7 7.8 17.0 3.7 3.7 2.0	(mg/L) 9-27 9-32 9-47 7-84 7-3[ 6-92 6-57	(g/L) 0.386 0.394 0.395 0.395 0.396 0.393
(feet)  10:3: 0.00  10:35 1.33  10:40 3.75  10:45 5.92  10:50 7.42  10:55 9.47  11:00 10.72  Sampling Information:	(°C) 15.25 16.35 15.86 15.86 15.87 15.87	4.80 4.80 4.20 4.18 4.18 4.11	(mV) -162 -141 -102 -63 -57 -51 -52	(mS/cm) 0.602 0.615 0.618 0.618 0.614	(NTU) 49.9 4.7 7.8 17.0 3.7 3.7 2.0	(mg/L) 9-27 9-32 9-47 7-84 7-31 6-92 6-57	(g/L) 0.386 0.394 0.395 0.395 0.396 0.393 0.393
(feet)  10:3: 0.00  10:35 1.39  10:40 3.75  10:45 5.92  10:50 7.42  10:65 9.47  11:00 10.72  Sampling Information:  EPA SW-846 Method 8270  EPA SW-846 Method 8260	(°C) 15.25 16.35 15.86 15.86 15.87 15.87 SVOC F	4.80 4.80 4.20 4.18 4.17 4.11	(mV) -162 -141 -102 -63 -57 -51 -52	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 47.2 77.2 3.7 2.1 2.0 2.100 ml amb 3.40 ml via	(mg/L) 9-27 9-32 9-47 7-84 7-31 6-92 6-57	(g/L) 0.386 0.394 0.395 0.395 0.396 0.393 0.393
(feet)  10:3: 0.00  10:35 1.33  10:40 3.45  10:45 5.92  10:50 7.42  10:55 7.42  11:00 10.72  Sampling Information:  EPA SW-846 Method 8270  EPA SW-846 Method 9012	(°C) 15.25 16.35 16.72 15.86 15.87 15.87 15.87 SVOC F VOC's E Total Cys	4.80 4.80 4.20 4.18 4.77 7.11	(mV) -162 -141 -102 -63 -57 -51 -52 PH 967 3.76	(mS/cm) 0.602 0.615 0.618 0.618 0.618 0.614 0.614	(NTU) 49.9 47.7 7.8 17.0 3.7 2.1 2.0 2.100 ml amb 3.40 ml via 1.250 ml plas	(mg/L)  7-27  9-32  9-37  7-84  7-3  6-92  6-57  Ders Yes  stic Yes	(g/L) 0.386 0.394 0.395 0.395 0.396 0.393 0.393
(feet)  10:3: 0.00  10:35 1.39  10:40 3.75  10:45 5.92  10:50 7.42  10:55 9.47  11:00 10.72  Sampling Information:  EPA SW-846 Method 8270  EPA SW-846 Method 8260	(°C) 15.25 16.35 15.86 15.86 15.87 15.87 SVOC F VOC's E Total Cys	4.80 4.80 4.20 4.18 4.17 4.11	(mV) -162 -141 -102 -63 -57 -51 -52	(mS/cm) 0.602 0.615 0.618 0.618 0.618 0.614 0.614	(NTU) 49.9 47.7 7.8 17.0 3.7 2.1 2.0 2.100 ml amb 3.40 ml via 1.250 ml plas	(mg/L) 9-27 9-32 9-47 7-84 7-31 6-92 6-57	(g/L) 0.386 0.394 0.395 0.395 0.396 0.393 0.393
(feet)	(°C) 15.25 16.35 15.86 15.86 15.87 15.87 SVOC F VOC's E Total Cys	4.99 4.99 4.30 4.18 4.17 7.11	(mV) -162 -141 -102 -63 -57 -51 -52 PH 967 3.70 Yes No	(mS/cm) 0.602 0.615 0.618 0.618 0.618 0.614 0.614 Shi	(NTU)  49.9  17.0  3.7  2.10  2-100 ml amb 3-40 ml via 1-250 ml plas	ers Yes stic Yes Ship to Pace	(g/L) (9/L)
(feet)	(°C) 15.25 16.35 15.86 15.86 15.87 15.87 SVOC F VOC's E Total Cys	4.99 4.99 4.30 4.18 4.17 7.11	(mV) -162 -141 -102 -63 -57 -51 -52 PH 967 3.70 Yes No	(mS/cm) 0.602 0.615 0.618 0.618 0.618 0.614 0.614 Shi	(NTU) 49.9 47.7 7.8 17.0 3.7 2.1 2.0 2.100 ml amb 3.40 ml via 1.250 ml plas	ers Yes	(g/L) 0.386 0.394 0.395 0.395 0.396 0.393 0.393 0.393 0.393 0.393 alytical

Well Id. MW-15  Well Information  TOC Other Well Type: Flushmount Well Locked: Yes No Depth to Water: (feet) 9.04  Depth to Bottom: (feet) 9.04  Length of Water Column: (feet) 7.47  Volume of Water in Well: (gal) 0, 24  Three Well Volumes: (gal) 0, 7/  Purging Information  Purging Method: Bailer Peristaltic Grundfos Pump Polyethylene Sampling Method: Bailer Peristaltic Grundfos Pump Polyethylene Sampling Rate: (ml/min) 30  Total Volume Removed: (gal) 0 Did well go dry? Yes No  Time DTW Temp PH ORP Conductivity Turbidity DO TDS (mg/L) (gg/L)  Time DTW Temp PH ORP Conductivity Turbidity DO TDS (mg/L) (gg/L)	Sampling Personnel:	<u> </u>	W14.1		Date: / 8	0/18/23		
Well Information	Job Number: 0603400-	136690-221			Weather:	Veather: Com 53		
Well Information	Well Id. MW-15							ıt:
TOC								
Depth to Bottom:		_		Other	• •		shmount	Stick-Up
Depth to Product							₩->	No
Purging Information	<del></del>	<del></del>	9.04		-			<u> </u>
Purging Information		```	1117	-				
Purging Information								other:
Purging Information  Purging Method:    Purging Method:   Bailer   Peristatics   Grundfos Pump   Grundfos Pum			07/		Comment	5.		
Purging Method:   Peristaltic   Stainless St.   Stainless St.   Stainless St.   Peristaltic   Sampling Method:   Baller   Peristaltic   Stainless St.   Stainless St.   Peristaltic   Stainless St.   Peristaltic   Sampling Method:   Baller   Peristaltic   Stainless St.   Stainless St.   Peristaltic   Stainless St.   Stainless St	THEO FIGH VOIGINGO.	(gai)	0,77.					
Purpling Method:	Purging Information		1.					
Tubing/Bailer Material:   Teflon   Stainless St.   Polyethylene   Sampling Method:   Bailer   Peristaltic   Peristaltic   Sampling Method:   Bailer   Peristaltic   Peri	Purging Method	Bailo	Dorintalii:		foo Dumo	<u> </u>	<del></del>	
Sampling Method:   Bailer   Peristatic   Grundfos Pump   Water   0.04   0.16   0.66   1.4;     Average Pumping Rate:   (ml/min)   30       Total Volume Removed:   (ga)   Did well go dry?   Yes   No       Horiba U-52 Water Quality Meter Used?   Yes   No       Time   DTW   Temp   PH   ORP   Conductivity   Turbidity   DO   TDS   (feet)   ("C)   ("Get)   ("G)   ("S/cm)   (NTU)   (mg/L)   (g/L)   (g/L)   (g/L)   (1.3 **)   7.7 ** 7   1.9 *				<b>-</b>	` <del>  -  </del>	ļ <del>-</del>	1 10 2 1L	<u>4" וטן 6" וכ</u>
Average Pumping Rate:			<b>-</b>	<del></del>	· -		004 046	1 0 66 4 47
Duration of Pumping:         (min)         53           Total Volume Removed:         (gal)         J         Did well go dry?         Yes No           Horiba U-52 Water Quality Meter Used?         Yes No         No         Turbidity         DO         TDS           I 3		<del></del>		~LN Grund	ivo i unip		<del></del>	<del></del>
Total Volume Removed:						i gan	UII=3.705L=3765	omL=1337cu. feet
Time		······································		Did well ao drv?	Yes No	$\square$		
(feet) (C)	Horiba U-52 Water Quality I		<del></del>					
Sample   December   Sample   Time   Sample   December   Sample   December   Sample   December   D								
3	Time DTW	Temp	На	ORP	Conductivity	Turbidity	DO	TDS
13 35			рН	i	1	,		
13:15   8.75   16.32   1/8   -70   0.90   6.8   1.60   0.590     13:20   8.31   16.38   4.50   -85   Al   0.978   3.75   1.57   0.588     13:25   8.52   16.39   4.67   8.77   0.912   2.4760   1.58   0.591     13:30   6.62   16.31   4.69   -91   0.916   8.8   1.61   0.586     13:30   6.62   16.31   4.69   -91   0.916   8.8   1.61   0.586     13:30   6.62   16.39   4.67   8.77   8.77   0.916   8.8   1.60   0.591     13:30   6.62   16.39   4.67   8.77   8.77   0.912   2.4760   1.58   0.591     13:30   6.87   1.60   1.58   0.591     13:30   6.87   1.60   0.591   0.912   2.4760   1.58   0.591     13:30   6.87   1.60   0.591   0.912   2.4760   0.912   2.4760   0.591     13:30   6.87   1.60   0.591   0.912   2.4760   0.912   2.4760   0.591     13:30   6.87   1.60   0.591   0.912   2.4760   0.912   2.4760   0.591     13:30   6.87   1.60   0.591   0.912   2.4760   0.912   2.4760   0.591     13:30   6.87   1.60   0.912   2.4760   0.912   0.912   2.4760   0.912   2.4760   0.912   2.4760   0.912   2.4760	(feet) 13°00 7.63	(°C)	4.15	(mV)	(mS/cm)	,	(mg/L)	(g/L)
13 20 8 37   638 450 -859   0,1/8   375   1.57   0.588   13 25   8-52   6,39   4.67   2.47   2.47   0.912   2.47   0.591   1.59   0.591   13 30   3.67   16.31   4.69   -91   0.916   3.8   1.61   0.586   1.61   0.586   1.62   1.61   0.586   1.61	(feet) 13 N 7.03 13 N 7.77	(°C) 15.39 15.97	4.15	(mV) -155	(mS/cm)	(NTU)	(mg/L) 1- <del>7</del> 9	(g/L) 0.765
13 - 25   8 - 52   16 - 39   1 - 69   -91   0.912   3 - 60   1 - 59   0.591   13 - 30   16 - 67   16 - 39   1 - 69   -91   0.916   3 - 8   1 - 61   0.591   17 - 2586   17 - 2586   18 - 67   18 -	(feet) 13 N 7. 43 13 N 7. 77 13 N 7. 96	(°C) 15.39 15.97 16.17	4.15 3.91 3.95	(mV) -155	(mS/cm) 1-21 0, 950 0,929	(NTU) 4.0	(mg/L) 1-79 /152	(g/L) 0.765 0.607
Sampling Information:	(feet) 13 N 7. 43 13 N 7. 77 13 N 7. 77 13 N 7. 96 13 N 8.15	(°C) 15.39 15.97 16.17 16.32	4.15 3.91 3.95 4.18	(mV) -155 -77 -65 -20	(mS/cm) 1-21 0, 950 0,929 0,922	(NTU) 4.0 22.3	(mg/L) 1-79 1,52 1,48	(g/L) 0.765 0.607 0.585 0.590
Sampling Information:  EPA SW-846 Method 8270 SVOC PAH's  EPA SW-846 Method 8260 VOC's BTEX  EPA SW-846 Method 8260 VOC's BTEX  EPA SW-846 Method 9012 Total Cyanide  Sample ID: MW-15-1023 Duplicate? Yes No Shipped: Pace Courier Pickup Ship to Pace  Comments/Notes: Laboratory: Pace Analytical	(feet) /3 N 7 Q3 13 N 7,77 13 N 7,96 13:15 8.15 13:20 8.31	(°C) 15.39 15.97 16.17 16.32 16.38	4.15 3.91 3.95 4.18 4.50	(mV) -155 -77 -65 -20 -85 91	(mS/cm) 1-21 0,950 0,929 0,922 0,9/8	(NTU) 4.0 22.3 6.8 5.5	(mg/L) 1-79 1.52 1.48 1.60	(g/L) 0.765 0.607 0.525 0.570
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-15-1023 Duplicate? Yes No Shipped: Pace Courier Pickup Ship to Pace  Comments/Notes:  Laboratory: Pace Analytical	(feet)  /3 N 7. 03  13 N 7. 77  /3 10 7. 96  /3 15 8./5  /3 20 8.3/  /3 25 8.52	(°C) 15.39 15.97 16.17 16.32 16.38 16.39	4.15 3.91 3.95 4.50 4.50 4.67	(mV) -155 -77 -65 -20 -85,91	(mS/cm) 1-21 0, 950 0,929 0,923 0,9/8 0,9/2	(NTU) 4.0 22.3 6.8 5.5 +\$7.60	(mg/L) 1-79 1,52 1,48 1.60 1,57	(g/L) 0.765 0.607 0.585 0.590 0.588
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-15-1023 Duplicate? Yes No Shipped: Pace Courier Pickup Ship to Pace  Comments/Notes:  Laboratory: Pace Analytical	(feet)  /3 N 7. 03  13 N 7. 77  /3 10 7. 96  /3 15 8./5  /3 20 8.3/  /3 25 8.52	(°C) 15.39 15.97 16.17 16.32 16.38 16.39	4.15 3.91 3.95 4.50 4.50 4.67	(mV) -155 -77 -65 -20 -85,91	(mS/cm) 1-21 0, 950 0,929 0,923 0,9/8 0,9/2	(NTU) 4.0 22.3 6.8 5.5 +\$7.60	(mg/L) 1-79 1.52 1.48 1.60 1.57	(g/L) 0.765 0.607 0.585 0.590 0.588
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-15-1023 Duplicate? Yes No Shipped: Pace Courier Pickup Ship to Pace  Comments/Notes:  Laboratory: Pace Analytical	(feet)  /3 N 7. 03  13 N 7. 77  /3 10 7. 96  /3 15 8./5  /3 20 8.3/  /3 25 8.52	(°C) 15.39 15.97 16.17 16.32 16.38 16.39	4.15 3.91 3.95 4.50 4.50 4.67	(mV) -155 -77 -65 -20 -85,91	(mS/cm) 1-21 0, 950 0,929 0,923 0,9/8 0,9/2	(NTU) 4.0 22.3 6.8 5.5 +\$7.60	(mg/L) 1-79 1.52 1.48 1.60 1.57	(g/L) 0.765 0.607 0.585 0.590 0.588
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-15-1023 Duplicate? Yes No Shipped: Pace Courier Pickup Ship to Pace  Comments/Notes:  Laboratory: Pace Analytical	(feet)  /3 N 7. 03  13 N 7. 77  /3 10 7. 96  /3 15 8./5  /3 20 8.3/  /3 25 8.52	(°C) 15.39 15.97 16.17 16.32 16.38 16.39	4.15 3.91 3.95 4.50 4.50 4.67	(mV) -155 -77 -65 -20 -85,91	(mS/cm) 1-21 0, 950 0,929 0,923 0,9/8 0,9/2	(NTU) 4.0 22.3 6.8 5.5 +\$7.60	(mg/L) 1-79 1.52 1.48 1.60 1.57	(g/L) 0.765 0.607 0.585 0.590 0.588
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-15-1023 Duplicate? Yes No Shipped: Pace Courier Pickup Ship to Pace  Comments/Notes:  Laboratory: Pace Analytical	(feet)  /3 N 7. 03  13 N 7. 77  /3 10 7. 96  /3 15 8./5  /3 20 8.3/  /3 25 8.52	(°C) 15.39 15.97 16.17 16.32 16.38 16.39	4.15 3.91 3.95 4.50 4.50 4.67	(mV) -155 -77 -65 -20 -85,91	(mS/cm) 1-21 0, 950 0,929 0,923 0,9/8 0,9/2	(NTU) 4.0 22.3 6.8 5.5 +\$7.60	(mg/L) 1-79 1.52 1.48 1.60 1.57	(g/L) 0.765 0.607 0.585 0.590 0.588
EPA SW-846 Method 8260 VOC's BTEX EPA SW-846 Method 9012 Total Cyanide  Sample ID: MW-15-1023 Duplicate? Yes No Ship to Pace  Comments/Notes:  Description: No Shipped: Pace Courier Pickup Ship to Pace  Laboratory: Pace Analytical	(feet)  /3 N 7. 03  13 N 7. 77  /3 10 7. 96  /3 15 8./5  /3 20 8.3/  /3 25 8.52	(°C) 15.39 15.97 16.17 16.32 16.38 16.39	4.15 3.91 3.95 4.50 4.50 4.67	(mV) -155 -77 -65 -20 -85,91	(mS/cm) 1-21 0, 950 0,929 0,923 0,9/8 0,9/2	(NTU) 4.0 22.3 6.8 5.5 +\$7.60	(mg/L) 1-79 1.52 1.48 1.60 1.57	(g/L) 0.765 0.607 0.535 0.590 0.588 0.591
EPA SW-846 Method 8260 VOC's BTEX EPA SW-846 Method 9012 Total Cyanide  Sample ID: MW-15-1023 Duplicate? Yes No Ship to Pace  Comments/Notes:  Description: No Shipped: Pace Courier Pickup Ship to Pace  Laboratory: Pace Analytical	(feet)  /3 N 7. Q3  13 N 7. 77  13 N 7. 96  13 N 8.15  13 20 8.31  13 25 8.52  13 30 G.62	(°C) 15.39 15.97 16.17 16.32 16.38 16.39	4.15 3.91 3.95 4.50 4.50 4.67	(mV) -155 -77 -65 -20 -85,91	(mS/cm) 1-21 0, 950 0,929 0,923 0,9/8 0,9/2	(NTU) 4.0 22.3 6.8 5.5 +\$7.60	(mg/L) 1-79 1.52 1.48 1.60 1.57	(g/L) 0.765 0.607 0.535 0.590 0.588 0.591
EPA SW-846 Method 9012 Total Cyanide 1 - 250 ml plastic Yes No  Sample ID: MW-15-1023 Duplicate? Yes No Sample Time: 13 30 MS/MSD? Yes No  Comments/Notes: Laboratory: Pace Analytical	(feet)  /3 (A) 7. (Ø3  13 (Ø3 7. 77  13 (Ø 7. 96  13 (Ø3 8. 75  13 (Ø3 8. 37  13 (Ø3 8. 37)  Sampling Information:	(°C) 15.39 15.97 16.17 16.32 16.38 16.39	4.15 3.91 3.95 4.18 4.50 4.67 4-69	(mV) -155 -77 -65 -20 -85,91	(mS/cm) 1-21 0, 950 0,929 0,923 0,9/8 0,9/2	(NTU) 4.0 22,3 6.8 5.5 *********************************	(mg/L) 1-79 1.52 1.48 1.60 1.57 1-59 1-61	(g/L) 0.765 0.607 0.535 0.590 0.588 0.591 0.586
Sample Time: 13-30 MS/MSD? Yes No Ship to Pace  Comments/Notes: Laboratory: Pace Analytical	(feet)  /3 N 7.03  13 05 7.77  13 10 7.96  13 15 8.75  13 20 8.37  13 25 8.52  13 30 G.62  Sampling Information:  EPA SW-846 Method 8270	(°C) 15.39 15.97 16.17 16.32 16.38 16.39 16.39	4.15 3.91 3.95 4.50 4.67 4.69	(mV) -155 -77 -65 -20 -85,91	(mS/cm) 1-21 0, 950 0,929 0,923 0,9/8 0,9/2	(NTU) 4.0 22,3 6.8 3.5 4.760 8.8	(mg/L) 1-79 1.52 1.48 1.60 1.57 1.58 [.6]	(g/L) 0.765 0.607 0.535 0.590 0.588 0.591 0.586
Sample Time: 13.30 MS/MSD? Yes No Ship to Pace  Comments/Notes: Laboratory: Pace Analytical	(feet)  /3 ON 7. 03  13 ON 7. 77  73 10 7. 96  13 15 8.75  13 20 8.37  13 25 8.52  13 30 6.62  Sampling Information:  EPA SW-846 Method 8270  EPA SW-846 Method 8260	(°C) 15.39 15.97 16.17 16.32 16.38 16.39 16.39	4.15 3.97 3.95 4.50 4.67 4.69	(mV) -155 -77 -65 -20 -85,91	(mS/cm) 1-21 0, 950 0,929 0,923 0,9/8 0,9/2	(NTU) 4.0 22.3 6.8 5.5 4.60 0.8 2-100 ml amberon and and and and and and and and and an	(mg/L) 1-79 1.52 1.48 1.60 1.57 1.58 1.60	(g/L) 0.765 0.607 0.595 0.590 0.588 0.591 0-586
Laboratory. Take Analytical	(feet)  /3 00 7 03  /3 00 7, 77  /3 15 7, 77  /3 15 8.75  /3 20 8.3/  /3 25 8.52  /3 30 6.67  Sampling Information:  EPA SW-846 Method 8270  EPA SW-846 Method 8260  EPA SW-846 Method 9012  Sample ID: MW-15-10	(°C) 15.39 15.97 16.17 16.38 16.38 16.39 16.39 Total Cya	4.15 3.97 3.95 4.50 4.67 4-69 PAH's BTEX anide	(mV) -155 -77 -65 -20 -85 91 -91	(mS/cm) 1-21 0,950 2,929 0,923 0,918 0,916	(NTU) 4.0 22.3 6.8 5.5 4.7 6.8 5.8 2-100 ml ambe 3-40 ml vials 1-250 ml plass	(mg/L) 1-79 1.52 1.48 1.60 1.57 1-59 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1-60 1.57 1.60 1.57 1.60 1.57 1.60 1.57 1.60 1.57 1.60 1.57 1.60 1.57 1.60 1.57 1.60 1.57 1.60 1.57 1.60 1.57 1.60 1.57 1.60 1.57 1.60 1.60 1.57 1.60 1.60 1.57 1.60 1.60 1.57 1.60 1.60 1.57 1.60 1.60 1.57 1.60 1.60 1.57 1.60 1.60 1.57 1.60 1.60 1.60 1.57 1.60 1.60 1.60 1.60 1.60 1.60 1.60 1.60	(g/L) 0.765 0.607 0.530 0.530 0.588 0.591 0.586
· · · · · · · · · · · · · · · · · · ·	(feet)  /3 00 7 03  /3 00 7, 77  /3 15 7, 77  /3 15 8.75  /3 20 8.3/  /3 25 8.52  /3 30 6.67  Sampling Information:  EPA SW-846 Method 8270  EPA SW-846 Method 8260  EPA SW-846 Method 9012  Sample ID: MW-15-10	(°C) 15.39 15.97 16.17 16.38 16.38 16.39 16.39 16.39 Total Cyanorical Cyanorica	9.15 3.97 3.95 9.18 9.50 9.67 9.69 PAH's BTEX anide plicate?	(mV) -155 -77 -65 -20 -85 91 -91	(mS/cm) 1-21 0,950 2,929 0,923 0,918 0,916	(NTU) 4.0 22.3 6.8 5.5 4.7 6.8 5.8 2-100 ml ambe 3-40 ml vials 1-250 ml plass	(mg/L) 1-79 1-52 1-60 1-59 1-59 1-61  ers Yes tic Yes	(g/L) 0.765 0.607 0.530 0.530 0.588 0.591 0.586
rrmt88-vm3\syracuse-01\Dashboard\Planning\994864.xlsm	(feet)	(°C) 15.39 15.97 16.17 16.38 16.38 16.39 16.39 16.39 Total Cyanorical Cyanorica	9.15 3.97 3.95 9.18 9.50 9.67 9.69 PAH's BTEX anide plicate?	(mV) -155 -77 -65 -20 -85 91 -91	(mS/cm) 1-21 0,950 2,929 0,929 0,918 0,912 0,916	(NTU)  4.0  22.3  6.8  3.5  4.60  9.8  2 - 100 ml ambe 3 - 40 ml vials 1 - 250 ml plass  pped: Pa	ers Yes tic Yes ce Courier Pick	(g/L) 0.765 0.607 0.530 0.530 0.530 0.536 0.591 0.586



# CHAIN-OF-E ISTODY / Anglytica: Request Document to Chain of Custogy is a CEGAL EXCLUSION and several charactery

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# **Appendix C – Data Usability Summary Report**



Groundwater & Environmental Services, Inc.

708 North Main Street, Suite 201 Blacksburg, VA 24060

T. 800.662.5067

January 23, 2024

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

RE: Data Usability Summary Report for National Grid - Ogdensburg: Data Packages Pace Analytical Job No. 30632900, 30582832

Groundwater & Environmental Services, Inc. (GES) reviewed two data packages (Laboratory Project Numbers 30632900, 30582832) from Pace Analytical Services, Inc., for the analysis of groundwater samples collected on April 27, 2023 and October 10, 2023 from monitoring wells located at the Atthe National Grid Ogdensburg site. Collected samples included 13 aqueous samples in the spring and 13 aqueous samples in the fall event, as well as field quality samples including a trip blank and a field duplicate during each event. The samples were processed for volatile organic compounds benzene, toluene, ethylbenzene and xylenes (BTEX), cyanide and polycyclic aromatic hydrocarbons (PAHs). The trip blanks were analyzed for volatiles with the site samples. The purpose of the trip blank is to determine if there is outside BTEX contamination caused by transporting the samples.

Analytical methodologies are those of the USEPA with additional requirements of the NYSDEC ASP.

Complete NYSDEC Category B deliverables were included in the laboratory data package and all information required for validation of the data is present. This usability report is generated from review of the summary form information, and review of associated QC raw data. The reported summary forms have been reviewed for application of validation qualifiers, using guidance from the National Grid generic QAPP, USEPA Region 2 validation SOPs, the USEPA National Functional Guidelines for Data Review, and professional judgment, as affects the usability of the data. The following items were reviewed:

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

All of the items were determined to be acceptable for the DUSR level review. In summary, sample results are usable.

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

**Table 1 – Data Qualifications** 

Sample ID	Qualifier	Analyte	Reason for qualification
	J+	Ethylbenzene Toluene m&p-Xylene	High MS/MSD recoveries
MW-8R-1023	J-	Cyanide	MS/MSD recoveries low
WW-0R-1023	J+	2-Methylnaphthalene Acenaphthene	MS/MSD recoveries high
	J	Phenanthrene	DDD aveceda maximum
	J	Benzo(a)pyrene Acenaphthylene Benzo(a)pyrene	RPD exceeds maximum
MW-8R-0423	J-	Phenanthrene Pyrene Fluoranthene Benzo(k)fluoranthene	MS/MSD recoveries <10%, positive detection
	J-	Benzo(b)fluoranthene	MS/MSD recoveries low, positive detection
MW-2(R)-0423 MW-8R-0423 MW-9-0423 MW-10R-0423 MW-12R-0423	J-	Acenaphthene Fluorene	
MW-5R(R)-0423	UJ	Acenaphthene	
MW-11-0423 MW-14R-0423 MW-15-0423 MW-15RS-0423 MW-17-0423	υJ	Acenaphthene Fluorene	Low LCS/LCSD recoveries
MW-5R(R)-0423	J-	Fluorene	

J-/UJ-: estimated detect/estimated non-detect with a possible low bias

R: Data unusable due to gross QC failure

J/UJ: estimated with an indeterminate bias

### BTEX and TCL Volatiles by EPA 8260C/NYSDEC ASP

Sample holding times for groundwater and instrumental tune fragmentations are within acceptance ranges for both events. For some samples, the concentrations exceeded the calibration curve, and were diluted prior to final quantification. Elevated reporting limits are provided for the MW-8R MS and MW-8R MSD samples.

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

LCS/LCSD recoveries and relative percent differences (RPD) are within criteria for both events.

J+: estimated detect with a possible high bias

Surrogate and internal standard recoveries are within required limits for the spring event and within limits for the fall event with the following exception:

- For the fall event, the field duplicate surrogate 2-Fluorobiphenyl recovered low indicating a possible low bias. Duplicate analysis indicates that the recovered COCs are within variance with the original sample, and no data is qualified.
- For the spring event, an MS/MSD was analyzed using **MW-8R-1023** as the matrix. Ethylbenzene, toluene, and m&p-xylene recovered high. Data is qualified as estimated with a possible high bias.

Qualifiers can be found int Table 1.

No MS/MSD was analyzed with the fall event.

The blind field duplicate correlations of **MW-10R-0423** were within the project specification of ≤25% for both sampling events.

**Table 2a: VOCs Precision Calculations** 

Compound	MW-10R-0423	FD-0423	RPD
Benzene	1520	1480	2.7
Ethylbenzene	95.7	96.2	0.5
Toluene	172	170	1.2
Xylene (Total)	134	132	1.5

μg/L-microgram per liter

RPD - relative percent difference

The blind field duplicate correlations of **MW-10R-1023** were within the project specification of ≤25% for both sampling events.

**Table 2b: VOCs Precision Calculations** 

Compound	MW-10R-1022	FD-1022	RPD
Benzene	1990	1880	5.7
Ethylbenzene	128	124	3.2
Toluene	229	219	4.5
Xylene (Total)	164	156	5.0

μg/L-microgram per liter

RPD - relative percent difference

### Cvanide by EPA 9012B/NYDESC ASP

Holding times were met for both sampling events. Blanks, both laboratory and field-generated, 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.

For the spring and fall event, MS/MSDs were analyzed using **MW-8R**. For the spring event, the **FD-0423** sample was also utilized, for the fall event, sample **MW-20R-1023** was used.

#### Spring Event

For the spring event, the following non-compliances were noted for MW-8R-0423:

Low recoveries

Acenaphthylene & Fluoranthene recovered <10% in the MS and/or the MSD

#### RPDs outside of compliance

- Phenanthrene
- Pyrene
- Fluoranthene
- Benzo(a)pyrene
- Acenaphthylene

For associated data not previously qualified due to bias, the qualifier of estimated is applied. Validation qualifiers are noted in **Table 1**.

#### Fall Event

For the fall analysis MW-8R MS/MSD recoveries were below criteria (86%, 86%). The cyanide data for this sample is qualified as estimated with a possible low bias.

For the fall event, and MS/MSD was analyzed using MW-20R, both recoveries and RPDs were within criteria, no qualification was required.

The blind field duplicate correlations of **MW-10R-0423** were within project criteria. No data was qualified.

Table 3a: Cyanide Precision Calculations

Compound	MW-10R-0423	FD-0423	RPD
Cyanide	0.11	0.13	16.7
μg/L-microgram per liter	RPD - relative percent difference	)	

The blind field duplicate correlations of **MW-10R-1023** were within project criteria. No data was qualified.

Table 3b: Cyanide Precision Calculations

Compound	MW-10R-1023	FD-1023	RPD
Cyanide	0.075	0.078	3.9
μg/L-microgram per liter	RPD - relative percent difference		

#### PAHs by EPA8270D/NYSDEC ASP

Holding times were met. Instrumental tune fragmentations are within acceptance ranges. Blanks reported no above RL concentrations.

Surrogates were within specification for all samples. Calibration standards, both initial and continuing, show acceptable responses within analytical method protocols and validation guidelines. Samples with high concentrations were run at dilution to allow accurate quantification. Some detection limits are elevated.

#### Spring Event

The spring event reported out-of-compliance LCS/LCSD results for the following analytes:

- Acenaphthene (65%) low
- Fluorene (66%) low

Samples with associated data are qualified as estimated detect with a possible low bias, or estimated non-detect. Qualifiers are noted in **Table 1**.

There were numerous low recoveries <10% in the spring MS/MSD pair. Although the recoveries indicate a very poor method efficacy, because there is positive data, the analyte concentrations are qualified as estimated with a low bias,

RPDs were >25% for multiple analytes as well. Associated data not previously qualified due to recovery is qualified as estimated due to precision issues.

Qualifiers are noted in Table 1.

#### Fall Event

The fall laboratory control spike recoveries and precision indicate the method is within laboratory control. Matrix spike and matrix spike associated with **MW-08R-1023** recoveries were within laboratory specified criteria, with the following exceptions:

- 2-Methylnapthalene and acenaphthene both reported high recoveries. Data is qualified as estimated with a possible high bias.
- Naphthalene reported a high recovery, but the original concentration > four times the spiking concentration, and data cannot be used to determine method efficacy.
- The RPD for phenanthrene reported outside laboratory criteria and the data is qualified as estimated with an indeterminate bias.

Data is qualified as noted in Table 1.

The blind field duplicate correlations of **MW-10R-0423** were within project specification of RPD ≤ 25%, with the exception of naphthalene. Naphthalene is qualified as estimated with an indeterminate bias.

**Table 4a: PAH Precision Calculations** 

Compound	MW-10R-0422	FD-0422	RPD
Acenaphthene	29.2	26	11.6
Acenaphthylene	37.5	34	9.8
Anthracene	0.78	0.8	2.5
Fluorene	10.5	10.6	0.9
2-Methylnaphthalene	11.0	11.1	0.9
Naphthalene	449	647	36.1
Phenanthrene	1.7	1.8	5.7

The blind field duplicate correlations of **MW-10R-1023** were within project specification of RPD ≤ 25%. No qualifications are required.

**Table 4b: PAH Precision Calculations** 

Compound	MW-10R	FD-1022	RPD
Acenaphthene	37.5	36.8	1.9
Acenaphthylene	46.6	45.0	3.5
Fluorene	16.2	16.3	0.6
2-Methylnaphthalene	6.4	6.0	6.5
Naphthalene	431	412	4.5
Phenanthrene	2.5	2.5	0.0

## **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.

Principal Environmental Chemist, NRCC Certified

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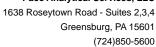
#### **SAMPLE SUMMARY**

Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30582832001	MW-2(R)-0423	Water	04/27/23 11:20	04/28/23 09:50
30582832002	MW-5R(R)-0423	Water	04/27/23 12:00	04/28/23 09:50
30582832003	MW-8R-0423	Water	04/27/23 11:35	04/28/23 09:50
30582832004	MW-8R-MS-0423	Water	04/27/23 11:35	04/28/23 09:50
30582832005	MW-8R-MSD-0423	Water	04/27/23 11:35	04/28/23 09:50
30582832006	MW-9-0423	Water	04/27/23 10:45	04/28/23 09:50
30582832007	MW-10R-0423	Water	04/27/23 09:55	04/28/23 09:50
30582832008	MW-11-0423	Water	04/27/23 09:50	04/28/23 09:50
30582832009	MW-12R-0423	Water	04/27/23 10:35	04/28/23 09:50
30582832010	MW-14R-0423	Water	04/27/23 09:50	04/28/23 09:50
30582832011	MW-15-0423	Water	04/27/23 12:40	04/28/23 09:50
30582832012	MW-15RS-0423	Water	04/27/23 12:00	04/28/23 09:50
30582832013	MW-17R-0423	Water	04/27/23 12:30	04/28/23 09:50
30582832014	MW-19R-0423	Water	04/27/23 11:20	04/28/23 09:50
30582832015	MW-20R-0423	Water	04/27/23 10:30	04/28/23 09:50
30582832016	FD-0423	Water	04/27/23 00:00	04/28/23 09:50
30582832017	Trip Blanks	Water	04/27/23 00:00	04/28/23 09:50

#### **REPORT OF LABORATORY ANALYSIS**

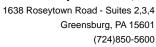




Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30582832001	MW-2(R)-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832002	MW-5R(R)-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832003	MW-8R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	DO1, KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832004	MW-8R-MS-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832005	MW-8R-MSD-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832006	MW-9-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	DO1, KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
80582832007	MW-10R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832008	MW-11-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832009	MW-12R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832010	MW-14R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832011	MW-15-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832012	MW-15RS-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
		EPA 8270D by SIM	DSC		PASI-PA



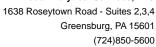


Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832014 MW-19R-042	MW-19R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832015	MW-20R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832016	FD-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832017	Trip Blanks	EPA 8260C/5030C	KGG	7	PASI-MV

PASI-MV = Pace Analytical Services - Long Island PASI-PA = Pace Analytical Services - Greensburg





Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Method: EPA 8270D by SIM

Description: 8270D PAH SIM Reduced Volume

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

**Date:** May 11, 2023

#### **General Information:**

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

#### **Hold Time:**

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

#### Sample Preparation:

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

#### Initial Calibrations (including MS Tune as applicable):

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

### **Continuing Calibration:**

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

# Internal Standards:

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

### Surrogates:

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

### Method Blank:

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

### **Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 585422

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

- LCS (Lab ID: 2843244)
  - Acenaphthene
  - Fluorene

## Matrix Spikes:

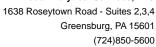
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 585422

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30582832003

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

- MSD (Lab ID: 2843246)
  - Naphthalene





Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Method: EPA 8270D by SIM

Description: 8270D PAH SIM Reduced Volume

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

**Date:** May 11, 2023

QC Batch: 585422

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30582832003

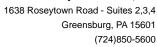
ML: Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

- MS (Lab ID: 2843245)
  - Acenaphthylene
  - Phenanthrene
- MSD (Lab ID: 2843246)
  - Benzo(a)anthracene
  - Benzo(k)fluoranthene
  - Fluoranthene
  - Phenanthrene
  - Pyrene

R1: RPD value was outside control limits.

- MSD (Lab ID: 2843246)
  - Acenaphthylene
  - Benzo(a)anthracene
  - Benzo(a)pyrene
  - Benzo(b)fluoranthene
  - Benzo(k)fluoranthene
  - Chrysene
  - Fluoranthene
  - Phenanthrene
  - Pyrene

# Additional Comments:





Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Method: EPA 8260C/5030C

Description: 8260C Volatile Organics

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

Date: May 11, 2023

#### **General Information:**

17 samples were analyzed for EPA 8260C/5030C by Pace Analytical Services Long Island. 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.

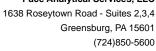
### **Additional Comments:**

Analyte Comments:

QC Batch: 304127

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- MW-8R-MS-0423 (Lab ID: 30582832004)
  - Benzene
- MW-8R-MSD-0423 (Lab ID: 30582832005)
  - Benzene





Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Method: EPA 9012B

Description: 9012B Cyanide, Total

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

Date: May 11, 2023

### **General Information:**

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

### **Hold Time:**

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

### **Sample Preparation:**

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

#### Method Blank:

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

### **Laboratory Control Spike:**

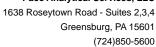
All laboratory control spike compounds were within QC limits with any exceptions noted below.

# Matrix Spikes:

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

## **Additional Comments:**

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





# **SAMPLE SUMMARY**

Project: National Grid - Ogdensburg

Pace Project No.: 30632900

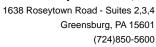
Lab ID	Sample ID	Matrix	Date Collected	Date Received
30632900001	MW-2(R)-1023	Water	10/18/23 13:00	10/20/23 09:10
30632900002	MW-5R(R)-1023	Water	10/18/23 12:15	10/20/23 09:10
30632900003	MW-8R-1023	Water	10/18/23 12:00	10/20/23 09:10
30632900004	MW-8R-MS-1023	Water	10/18/23 12:00	10/20/23 09:10
30632900005	MW-8R-MSD-1023	Water	10/18/23 12:00	10/20/23 09:10
30632900006	MW-9-1023	Water	10/18/23 11:05	10/20/23 09:10
30632900007	MW-10R-1023	Water	10/18/23 10:10	10/20/23 09:10
30632900008	MW-11-1023	Water	10/18/23 11:10	10/20/23 09:10
30632900009	MW-12R-1023	Water	10/18/23 10:20	10/20/23 09:10
30632900010	MW-14R-1023	Water	10/18/23 10:20	10/20/23 09:10
30632900011	MW-15-1023	Water	10/18/23 13:30	10/20/23 09:10
30632900012	MW-15RS-1023	Water	10/18/23 12:50	10/20/23 09:10
30632900013	MW-17R-1023	Water	10/18/23 13:00	10/20/23 09:10
30632900014	MW-19R-1023	Water	10/18/23 11:45	10/20/23 09:10
30632900015	MW-20R-1023	Water	10/18/23 11:00	10/20/23 09:10
30632900016	FD-1023	Water	10/18/23 00:00	10/20/23 09:10



Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30632900001	MW-2(R)-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900002	MW-5R(R)-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900003	MW-8R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900004	MW-8R-MS-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900005	MW-8R-MSD-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900006	MW-9-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900007	MW-10R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900008	MW-11-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900009	MW-12R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900010	MW-14R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900011	MW-15-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900012	MW-15RS-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
		EPA 8270D by SIM	DSC		PASI-PA



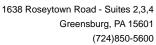


Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900014 MW-19R-1023	MW-19R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900015	MW-20R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900016 F	FD-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg





Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Method: EPA 8270D by SIM

Description: 8270D PAH SIM Reduced Volume

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

**Date:** October 31, 2023

#### **General Information:**

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

#### **Hold Time:**

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

## Sample Preparation:

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

### Initial Calibrations (including MS Tune as applicable):

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

### **Continuing Calibration:**

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

# 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.

QC Batch: 624504

SR: Surrogate recovery was below laboratory control limits. Results may be biased low.

- FD-1023 (Lab ID: 30632900016)
  - 2-Fluorobiphenyl (S)

# 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:

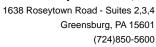
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 624504

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30632900003

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

- MS (Lab ID: 3044384)
  - 2-Methylnaphthalene
  - Acenaphthylene
  - Naphthalene





Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Method: EPA 8270D by SIM

Description: 8270D PAH SIM Reduced Volume

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

Date: October 31, 2023

QC Batch: 624504

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30632900003

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

• MSD (Lab ID: 3044385)

• Naphthalene

R1: RPD value was outside control limits.

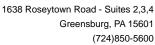
• MSD (Lab ID: 3044385)

• 2-Methylnaphthalene

• Naphthalene

• Phenanthrene

## **Additional Comments:**





Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Method: EPA 8260C Description: 8260C MSV

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

Date: October 31, 2023

### **General Information:**

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

### **Hold Time:**

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

### Initial Calibrations (including MS Tune as applicable):

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

### **Continuing Calibration:**

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

### **Internal Standards:**

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

### Surrogates:

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

## Method Blank:

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

## **Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

## Matrix Spikes:

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

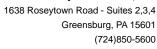
QC Batch: 624309

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30632900003

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

- MS (Lab ID: 3043505)
  - Ethylbenzene
  - Toluene
  - m&p-Xylene

### **Additional Comments:**





Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Method: EPA 9012B

Description: 9012B Cyanide, Total

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

**Date:** October 31, 2023

### **General Information:**

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

### **Hold Time:**

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

#### Sample Preparation:

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

#### Method Blank:

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

### **Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

# Matrix Spikes:

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

QC Batch: 625758

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30632900003,30632900015

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

- MS (Lab ID: 3050091)
  - Cvanide
- MSD (Lab ID: 3050092)
  - Cyanide

# **Additional Comments:**

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