nationalgrid

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

July 18, 2023

Mr. Scott Deyette
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
14 Hancock Street, Fort Plain, New York
Semi-Annual Groundwater Monitoring Report

Dear Mr. Deyette:

Enclosed for your review is the Semi-Annual Groundwater Monitoring Report for the National Grid Fort Plain Former MGP Site, for the first half of 2023.

Groundwater and Environmental Services, Inc., (GES) OM&M contractor for National Grid, conducts all long-term OM&M activities at the site. Quarterly site inspections were conducted in January and April during the first half of 2023. The site is generally in good shape and in compliance. There were no detections in the groundwater samples collected from monitoring wells MW-2 (immediately downgradient of the former gas holder), MW-3 (Northwest of the former holders), MW-8 (immediately Northeast of the Route 5S Diner), and MW-9 (immediately downgradient of State Street). There were BTEX and/or PAH detections in monitoring wells MW-7 (Diner parking lot), MW-10 (Diner parking lot), MW-12 (immediately Northeast of the former holder) and EW-1 (former gas holder).

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

Semi-Annual Groundwater Monitoring Report

National Grid Fort Plain, Former MGP Site
14 Hancock Street, Fort Plain, New York 13339
NYSDEC Site No. 4-29-007

July 2023

Version 1

Semi-Annual Groundwater Monitoring Report

National Grid Fort Plain, Former MGP Site
14 Hancock Street
Fort Plain, NY 13339

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

Prepared by:
Groundwater & Environmental Services, Inc.
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East Syracuse, NY 13057
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GES Project:
0603324.133390.221

Date:
July 18, 2023

Devin T. Shay, PG
Program Manager / Principal Hydrogeologist

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Appendices

1 Introduction

This Semi-Annual Groundwater Monitoring Report presents results from the activities conducted at the Fort Plain former manufactured gas plant (MGP) site located in Fort Plain, New York (the Site). A site map is presented on **Figure 1**. All activities summarized in this report are conducted in accordance with the Site Management Plan (SMP) for the Site, completed by Arcadis and submitted to the New York State Department of Environmental Conservation (NYSDEC) on December 31, 2012.

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 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 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 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 13, 2023 groundwater monitoring field activities were conducted by GES. Prior to collecting groundwater samples, static fluid level measurements were collected from MW-2, MW-3, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, and EW-1. 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 13, 2023, is included on **Figure 2**.

Groundwater generally flows to the northeast from the Site toward the Route 5S Diner. Groundwater elevations ranged from 290.08 feet above sea level (asl; well MW-9) to 318.88 feet asl (well EW-1). Field data from the gauging event is presented in **Appendix A**.

2.3 Groundwater Well Sampling and Analytical Results

Groundwater samples were collected by GES from eight monitoring wells on April 13, 2023 (including EW-1, MW-2, MW-3, MW-7, MW-8, MW-9, MW-10, and MW-12). Low-flow sampling techniques were used to purge groundwater from each monitoring well prior to collecting groundwater samples. Field parameters (consisting of turbidity, temperature, pH, conductivity, oxidation reduction potential [ORP], and dissolved oxygen) were measured approximately every 5 to 10 minutes during well purging, and the depth to water was monitored throughout the pumping process to minimize drawdown within the well. Well purging activities continued at each well until the field parameters stabilized and the turbidity of the water in the wells was reduced to less than 50 nephelometric turbidity units (NTUs). Groundwater field data is presented in **Appendix A**.

Following purging, groundwater samples were collected. The groundwater samples were bottled and shipped to Pace Analytical for laboratory analysis for Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX; EPA Method 8260C), as well as Semi-Volatile Polycyclic Aromatic Hydrocarbons (PAHs; EPA Method 8270D). 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 **Figure 3**. The Data Usability Summary Report (DUSR) is included in **Appendix B**.

There were no detections in the samples collected from monitoring wells MW-2 (immediately down gradient of the former gas holder), MW-3 (Northwest of the former holders), MW-8 (immediately Northeast of the Route 5S Diner), and MW-9 (immediately down gradient of State Street). There were BTEX and/or PAH detections in monitoring wells MW-7 (Diner parking lot), MW-10 (Diner parking lot), MW-12 (immediately Northeast of the former holder), and EW-1 (former gas holder). In October 2015, for the first time in seven sampling rounds, semi-volatile organic compounds (SVOCs) were detected at monitoring well MW-9; however, since then no Site-related parameters have been detected. Impacts are generally within the former holder areas and below the parking area down gradient of the former holders.

3 Semi-Annual Site-Wide Inspections

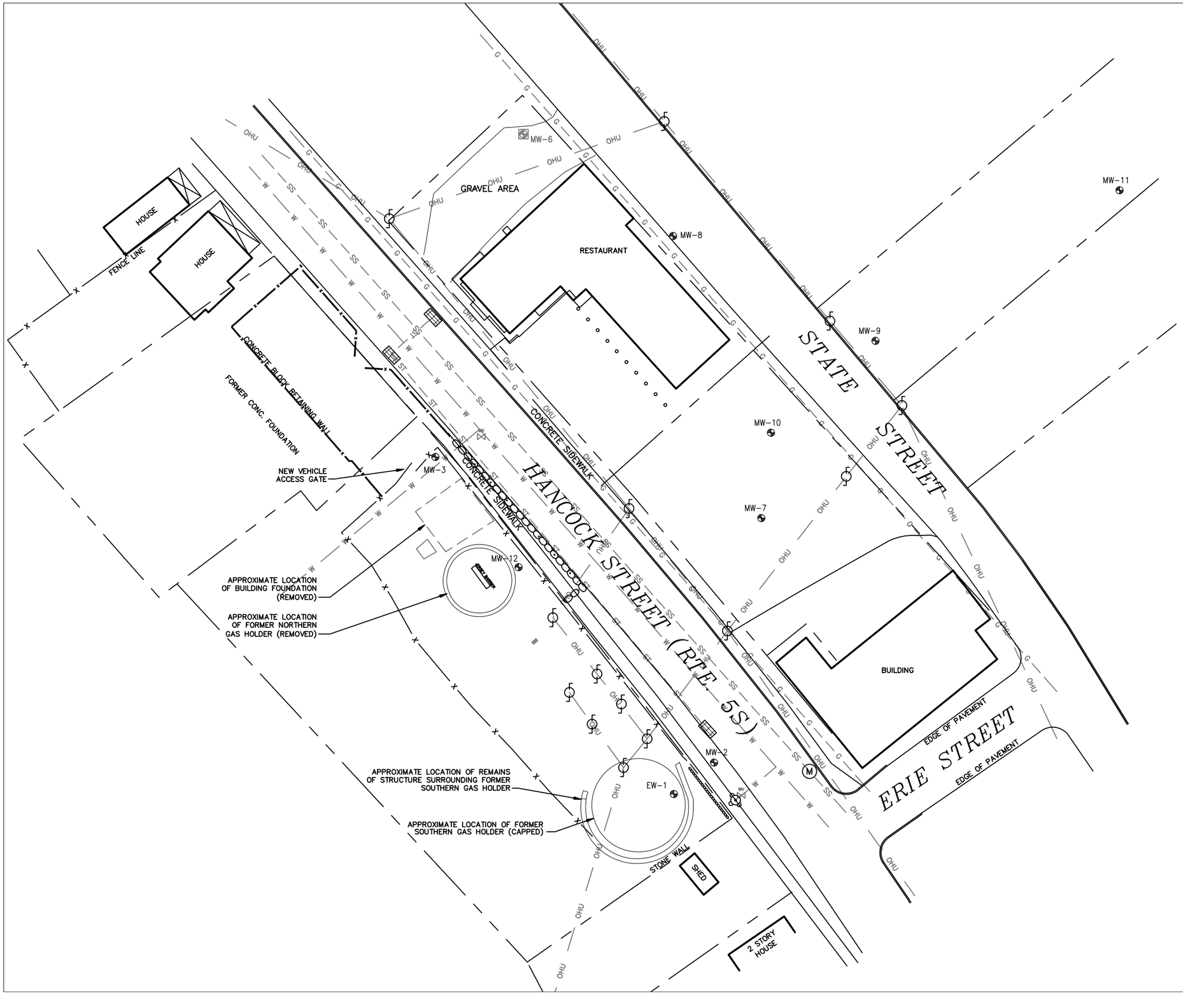
The semi-annual site-wide inspections were conducted on January 10, and April 13, 2023. The Site Inspection Forms are presented in **Appendix A**. In general, the Site is in compliance. Site features including the groundwater monitoring wells, asphalt pavement (Route 5S Diner parking lot), security fencing/gates, gas holder retaining wall, concrete block retaining wall, former gas holder cap, and storm water drainage system were inspected.

4 Recommendations

4.1 Recommendations

At this time, National Grid recommends continuing the semi-annual monitoring activities. The next semi-annual groundwater sampling event would be in Fall 2023. Semi-Annual site-wide inspections are required; however, for internal security purposes, National Grid will continue to conduct quarterly site-wide inspections.

Figures



LEGEND

- PROPERTY BOUNDARY
- FENCE
- CATCH BASIN
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- DESTROYED/ABANDONED WELL
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND STORM SEWER LINE
- UNDERGROUND WATER LINE
- UNDERGROUND GAS LINE
- OVERHEAD UTILITIES

Site Map

National Grid
Former MGP Site
14 Hancock Street
Fort Plain, New York

Drawn: W.G.S.
Designed:
Approved:
Date: 11/3/20
Figure: 1

Scale In Feet
0 40

Groundwater & Environmental Services, Inc.

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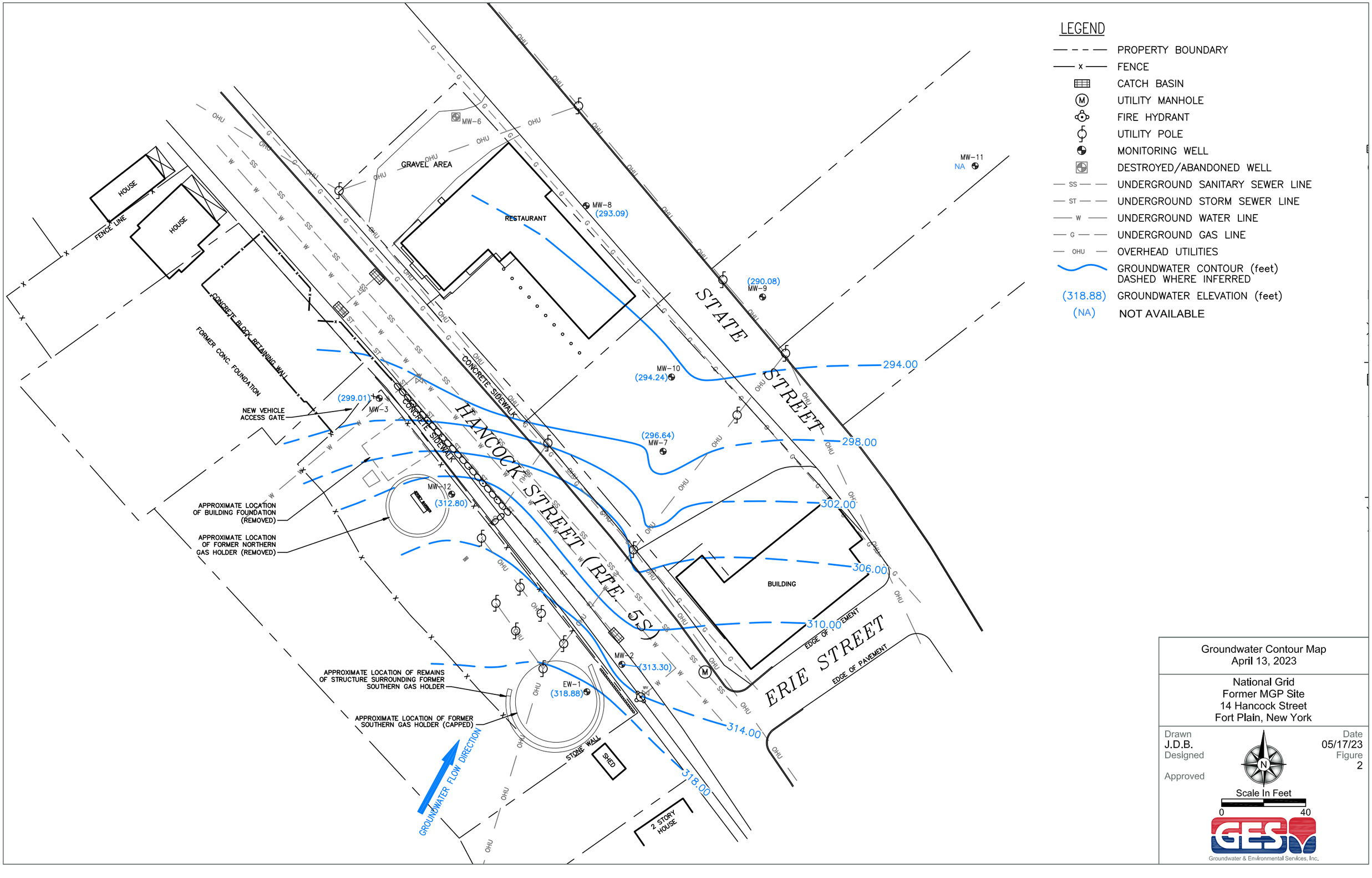

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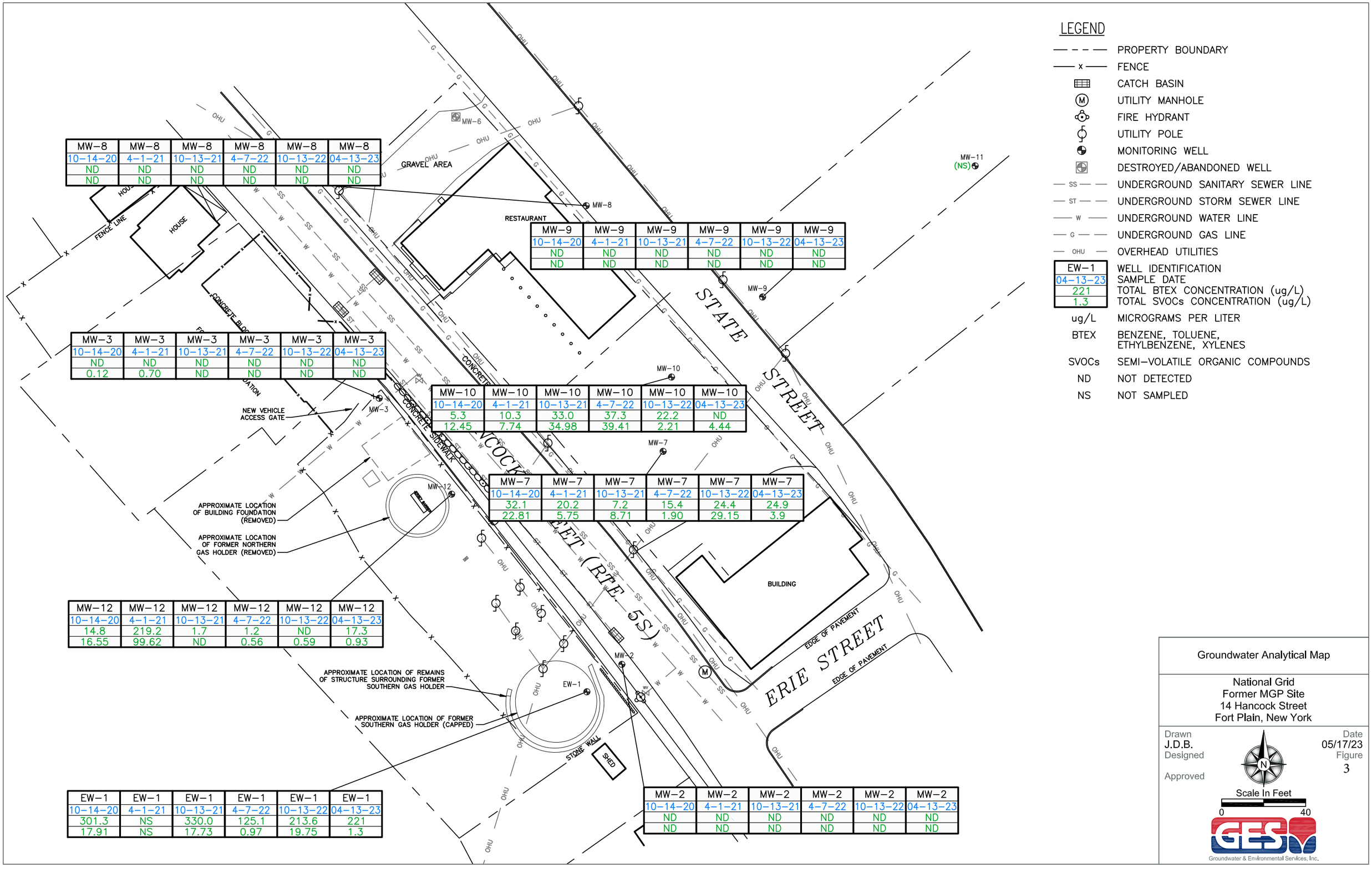

LEGEND

- PROPERTY BOUNDARY
- FENCE
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- UTILITY MANHOLE
- FIRE HYDRANT
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- MONITORING WELL
- DESTROYED/ABANDONED WELL
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND STORM SEWER LINE
- UNDERGROUND WATER LINE
- UNDERGROUND GAS LINE
- OVERHEAD UTILITIES

EW-1	WELL IDENTIFICATION
04-13-23	SAMPLE DATE
221	TOTAL BTEX CONCENTRATION (ug/L)
1.3	TOTAL SVOCs CONCENTRATION (ug/L)

ug/L	MICROGRAMS PER LITER
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
SVOCs	SEMI-VOLATILE ORGANIC COMPOUNDS
ND	NOT DETECTED
NS	NOT SAMPLED

Groundwater Analytical Map

National Grid
Former MGP Site
14 Hancock Street
Fort Plain, New York

Drawn: J.D.B.
Designed:
Approved:
Date: 05/17/23
Figure: 3

Scale In Feet
0 40

Groundwater & Environmental Services, Inc.

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Tables

Table 1

Groundwater Monitoring Well Gauging Data

Well ID	Well Type & Diameter	Top of Inner Casing Elevation	Depth To Well Bottom	Well Bottom Elevation	Screen Elevation	Depth To Water (06/08/11)	Groundwater Elevation (06/08/11)	Depth To Water (10/24/11)	Groundwater Elevation (10/24/11)	Depth To Water (04/12/12)	Groundwater Elevation (04/12/12)	Depth To Water (10/10/12)	Groundwater Elevation (10/10/12)
MW-2	Flushmount; PVC; 2-inch	317.50	17.81	299.69	309.69-299.69	4.71	312.79	4.48	313.02	4.45	313.05	6.45	311.05
MW-3	Flushmount; PVC; 2-inch	315.10	18.72	296.38	306.38-296.38	15.72	299.38	16.15	298.95	15.87	299.23	16.35	298.75
MW-7	Flushmount; PVC; 2-inch	313.10	22.72	290.38	300.38-290.38	16.45	296.65	16.52	296.58	16.50	296.60	16.47	296.63
MW-8	Flushmount; PVC; 2-inch	311.97	24.52	287.45	297.45-287.45	18.44	293.53	18.76	293.21	18.79	293.18	18.46	293.51
MW-9	Stickup; PVC; 2-inch	311.05	25.35	285.7	295.70-285.70	NM	NM	20.25	290.80	21.74	289.31	17.57	293.48
MW-10	Flushmount; PVC; 2-inch	313.20	22.92	290.28	300.28.290.28	17.75	295.45	18.37	294.83	18.65	294.55	18.08	295.12
MW-11	Flushmount; PVC; 2-inch	NA	NA	NA	NA	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	Flushmount; PVC; 2-inch	315.40	3.14	312.26	326.96-312.26	NM	NM	3.56	311.84	3.35	312.05	3.14	312.26
EW-1	Flushmount; PVC; 4-inch	321.70	6.61	315.09	318.69-315.09	NM	NM	NM	NM	3.12	318.58	2.86	318.84

Table 1

Groundwater Monitoring Well Gauging Data

Well ID	Depth To Water (04/19/13)	Groundwater Elevation (04/19/13)	Depth To Water (10/09/13)	Groundwater Elevation (10/09/13)	Depth To Water (04/07/14)	Groundwater Elevation (04/07/14)	Depth To Water (10/20/14)	Groundwater Elevation (10/20/14)	Depth To Water (04/15/15)	Groundwater Elevation (04/15/15)	Depth To Water (10/30/15)	Groundwater Elevation (10/30/15)
MW-2	6.49	311.01	6.22	311.28	3.75	313.75	2.61	314.89	4.47	313.03	4.21	313.29
MW-3	15.49	299.61	16.42	298.68	15.60	299.50	16.61	298.49	15.66	299.44	15.89	299.21
MW-7	16.39	296.71	16.55	296.55	16.30	296.80	16.48	296.62	16.35	296.75	16.45	296.65
MW-8	18.55	293.42	18.82	293.15	18.49	293.48	18.27	293.7	18.58	293.4	18.55	293.42
MW-9	20.48	290.57	18.38	292.67	20.04	291.01	17.32	293.7	20.11	290.9	17.61	293.44
MW-10	18.45	294.75	18.44	294.76	18.32	294.88	17.85	295.35	18.43	294.77	18.1	295.10
MW-11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	2.61	312.79	3.45	311.95	2.37	313.03	2.65	312.75	2.53	312.87	2.02	313.38
EW-1	3.11	318.59	2.81	318.89	2.21	319.49	2.61	319.09	3.15	318.55	2.5	319.20

Table 1

Groundwater Monitoring Well Gauging Data

Well ID	Depth To Water (04/21/16)	Groundwater Elevation (04/21/16)	Depth To Water (10/19/16)	Groundwater Elevation (10/19/16)	Depth To Water (04/13/17)	Groundwater Elevation (04/13/17)	Depth To Water (10/19/17)	Groundwater Elevation (10/19/17)	Depth To Water (04/05/18)	Groundwater Elevation (04/05/18)	Depth To Water (10/10/18)	Groundwater Elevation (10/10/18)
MW-2	3.88	313.62	4.12	313.38	4.32	313.18	4.28	313.22	4.30	313.20	4.10	313.40
MW-3	15.98	299.12	16.95	298.15	15.78	299.32	16.55	298.55	15.80	299.30	16.42	298.68
MW-7	16.43	296.67	16.62	296.48	16.45	296.65	16.85	296.25	16.80	296.30	16.45	296.65
MW-8	18.78	293.19	18.70	293.27	18.69	293.28	18.85	293.12	18.71	293.26	18.62	293.35
MW-9	21.35	289.70	18.07	292.98	18.94	292.11	17.9	293.15	20.56	290.49	17.66	293.39
MW-10	18.67	294.53	18.39	294.81	18.23	294.97	18.33	294.87	18.41	294.79	18.03	295.17
MW-11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	3.98	311.42	3.57	311.83	2.53	312.87	3.28	312.12	2.25	313.15	2.95	312.45
EW-1	3.51	318.19	3.06	318.64	3.14	318.56	2.96	318.74	2.70	319.00	3.00	318.70

Table 1

Groundwater Monitoring Well Gauging Data

Well ID	Depth To Water (04/04/19)	Groundwater Elevation (04/04/19)	Depth To Water (10/10/19)	Groundwater Elevation (10/10/19)	Depth To Water (6/10/20)	Groundwater Elevation (6/10/20)	Depth To Water	Groundwater Elevation (10/14/20)	Depth To Water	Groundwater Elevation (4/1/21)	Depth To Water	Groundwater Elevation (10/13/21)	Depth To Water	Groundwater Elevation (4/7/22)
MW-2	4.50	313.00	3.95	313.55	4.30	313.20	3.98	313.52	4.20	313.30	3.86	313.64	4.06	313.44
MW-3	15.85	299.25	16.13	298.97	16.56	298.54	16.43	298.67	9.52	305.58	16.14	298.96	15.91	299.19
MW-7	16.48	296.62	16.46	296.64	16.78	296.32	16.48	296.62	16.48	296.62	18.03	295.07	16.50	296.60
MW-8	18.76	293.21	18.51	293.46	18.98	292.99	18.88	293.09	18.88	293.09	18.42	293.55	18.83	293.14
MW-9	21.03	290.02	17.60	293.45	21.90	289.15	17.92	293.13	21.28	289.77	17.43	293.62	21.35	289.70
MW-10	18.79	294.41	18.03	295.17	18.97	294.23	18.23	294.97	18.85	294.35	16.50	296.70	19.07	294.13
MW-11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.78	NA
MW-12	2.55	312.85	2.79	312.61	3.21	312.19	2.91	312.49	2.53	312.87	2.94	312.46	2.53	312.87
EW-1	2.92	318.78	2.61	319.09	3.70	318.00	2.70	319.00	2.57	319.13	2.77	318.93	2.52	319.18

All elevations are measured in feet
NA = Not Available
NM = Not Measured

Well ID	Depth To Water	Groundwater Elevation (10/13/22)	Depth To Water	Groundwater Elevation (4/13/23)
MW-2	3.80	313.70	4.20	313.30
MW-3	16.40	298.70	16.09	299.01
MW-7	16.50	296.60	16.46	296.64
MW-8	18.95	293.02	18.88	293.09
MW-9	18.14	292.91	20.97	290.08
MW-10	18.60	294.60	18.96	294.24
MW-11	6.63	NA	9.82	NA
MW-12	2.96	312.44	2.60	312.80
EW-1	2.68	319.02	2.82	318.88

Table 2

Groundwater Analytical Data

MW-2

	NYSDEC TOGS 1.1.1 Guidance Values	Units	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	05/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/08/22	10/13/22	04/13/23
BTEX														ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND (<1.0)	ND (<1.0)	ND (<0.41)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	5	µg/L	ND (<1.0)	ND (<1.0)	ND (<0.74)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	ND (<1.0)	0.2 J	ND (<0.51)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	ND (<2.0)	ND (<3.0)	ND (<0.66)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)
SVOCs														ND	ND	ND	ND	ND	0.10	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20	µg/L	ND (<0.48)	ND (<10)	ND (<0.095)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Acenaphthylene	- -	µg/L	ND (<0.48)	ND (<10)	ND (<0.059)	ND (<0.30)	ND (<0.30)	ND (<0.30)	ND (<0.30)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Anthracene	50	µg/L	ND (<0.48)	ND (<10)	ND (<0.041)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Benzo(a)anthracene	0.002	µg/L	ND (<0.48)	ND (<1.0)	ND (<0.048)	ND (<0.30)	ND (<0.30)	ND (<0.30)	ND (<0.30)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Chrysene	0.002	µg/L	ND (<0.48)	ND (<10)	ND (<0.045)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Fluoranthene	50	µg/L	ND (<0.48)	ND (<10)	ND (<0.063)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Fluorene	50	µg/L	ND (<0.48)	ND (<10)	ND (<0.16)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Naphthalene	10	µg/L	ND (<0.48)	ND (<10)	ND (<0.056)	ND (<0.99)	ND (<0.99)	ND (<0.99)	ND (<0.99)	ND (<0.96)	ND (<0.96)	ND (<0.96)	ND (<0.96)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	0.10	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Phenanthrene	50	µg/L	ND (<0.48)	ND (<10)	ND (<0.065)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.19)	ND (<0.19)	ND (<0.19)	ND (<0.19)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)
Pyrene	50	µg/L	ND (<0.48)	ND (<10)	ND (<0.06)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND(<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)

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.
Bolded = values indicate exceedance of the NYSDEC AWQS

Table 2

Groundwater Analytical Data
MW-3

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/25/11	04/13/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
BTEX													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND (<1.0)	ND (<0.41)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	5	µg/L	ND (<1.0)	ND (<0.74)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	0.35 J	ND (<0.51)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	ND (<3.0)	ND (<0.66)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)
SVOCs													ND	ND	ND	ND	ND	0.12	2.65	ND	0.12	0.70	ND	ND	ND	ND
Acenaphthene	20	µg/L	ND (<10)	ND (<0.086)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Acenaphthylene	- -	µg/L	ND (<10)	ND (<0.053)	ND (<0.35)	ND (<0.35)	ND (<0.35)	ND (<0.35)	ND (<0.29)	ND (<0.29)	ND (<0.30)	ND (<0.30)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Anthracene	50	µg/L	ND (<10)	ND (<0.037)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Benzo(a)anthracene	0.002	µg/L	ND (<1.0)	ND (<0.044)	**0.59**	ND (<0.044)	ND (<0.044)	ND (<0.044)	ND (<0.29)	ND (<0.29)	ND (<0.30)	ND (<0.30)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	**0.21**	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	0.24	ND (<0.10)	ND (<0.098)	0.11	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	**0.36**	ND (<0.10)	ND (<0.098)	**0.14**	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	0.20	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	**0.14**	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Chrysene	0.002	µg/L	ND (<10)	ND (<0.04)	**0.68**	ND (<0.04)	ND (<0.04)	ND (<0.04)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	**0.26**	ND (<0.10)	ND (<0.098)	**0.11**	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Fluoranthene	50	µg/L	ND (<10)	ND (<0.057)	1.2	ND (<0.057)	ND (<0.057)	ND (<0.057)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	0.47	ND (<0.10)	ND (<0.098)	0.17	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Fluorene	50	µg/L	ND (<10)	ND (<0.15)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	**0.16**	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Naphthalene	10	µg/L	ND (<10)	ND (<0.05)	1.2	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.95)	ND (<0.95)	ND (<0.99)	ND (<0.99)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	0.12	ND (<0.098)	ND (<0.10)	0.12	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Phenanthrene	50	µg/L	ND (<10)	ND (<0.059)	0.65	ND (<0.059)	ND (<0.059)	ND (<0.059)	ND (<0.19)	ND (<0.19)	ND (<0.20)	ND (<0.20)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.10)	0.15	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Pyrene	50	µg/L	ND (<10)	ND (<0.054)	1.0	ND (<0.054)	ND (<0.054)	ND (<0.054)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.10)	0.46	ND (<0.10)	ND (<0.098)	0.17	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND(<0.098)

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.
Bolded = values indicate exceedance of the NYSDEC AWQS

Table 2

Groundwater Analytical Data
MW-7

	NYSDEC TOGS 1.1.1 Guidance Values	Units	06/08/11	10/24/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
BTEX														56.6	26.0	52.1	ND	57.7	43.1	29.9	27.5	32.1	20.2	7.2	15.4	24.4	24.9
Benzene	1	µg/L	**160**	**97**	**93**	**59**	**46**	**31**	**29**	**13**	ND (<1.0)	**17 F1**	**29**	**25.0**	**16.6**	**25.3**	ND (<1.0)	**27.1**	**21.7**	**15.6**	**13.5**	**16.4**	**11.8**	**3.9**	**9.4**	**13.2**	**15.2**
Ethylbenzene	5	µg/L	**210**	**130**	**130**	**61**	**36**	**24**	**7**	4.6	ND (<1.0)	**3.6**	**16**	**7.4**	1.2	**5.2**	ND (<1.0)	2.8	2.7	ND(<1.0)	1.5	ND (<1.0)	ND (<1.0)	3.3	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	**5.1**	3.1	3 UB	2.2	2	1.1	1	ND	ND (<1.0)	ND (<1.0)	1.1	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.1	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	**84**	**40**	**52**	**34**	**30**	**19**	**15**	**6.1**	ND (<2.0)	**13**	**25**	**24.2**	**8.2**	**21.6**	ND (<3.0)	26.7	**18.7**	**14.3**	**12.5**	**15.7**	**8.4**	ND (<3.0)	**6.0**	**11.2**	**9.7**
SVOCs														260.4	15.14	46.2	ND	39.6	19.9	17.8	6.2	22.8	5.8	8.7	1.9	29.2	3.9
Acenaphthene	20	µg/L	7.1	**23**	**58 D**	**26 E**	**26**	**45**	18	ND (<0.29)	ND (<0.48)	**30 E**	**40**	**87.5**	0.40	**25.7**	ND (<0.10)	15.4	9.1	11.7	3.6	17.9	2.1	3.2	1.6	**24.1**	3.2
Acenaphthylene	- -	µg/L	ND (<2.4)	ND (<10)	0.78	1.2	ND (<10)	ND (<10)	ND (<10)	ND (<0.29)	ND (<0.29)	0.39	0.39	0.51	ND (<0.098)	0.45	ND (<0.10)	0.38	0.19	0.23	0.12	0.28	ND (<0.10)	0.41	ND (<0.098)	0.32	0.13
Anthracene	50	µg/L	ND (<2.4)	ND (<10)	0.1 J	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.49)	ND (<0.48)	0.50 U F2	ND (<0.48)	0.54	ND (<0.098)	0.13	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.096)	0.14	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.097)
Benzo(a)anthracene	0.002	µg/L	2.4 UJ	ND (<1.0)	ND (<0.05)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	0.30 U F2	ND (<0.29)	ND (<0.10)	**0.11**	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.096)	**0.21**	**0.30**	ND (<0.098)	ND (<0.10)	ND (<0.097)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	0.18	ND (<0.099)	ND (<0.10)	ND (<0.099)	0.13	ND (<0.098)	0.11	ND (<0.096)	0.21	0.26	ND (<0.098)	ND (<0.10)	ND (<0.097)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	**0.55**	ND (<0.099)	ND (<0.10)	ND (<0.099)	**0.4**	**0.18**	**0.22**	ND (<0.096)	**0.32**	**0.49**	ND (<0.098)	ND (<0.10)	ND (<0.097)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	0.16	ND (<0.099)	ND (<0.10)	ND (<0.099)	0.14	ND (<0.098)	0.11	ND (<0.096)	0.15	0.14	ND (<0.098)	ND (<0.10)	ND (<0.097)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	**0.50**	ND (<0.099)	ND (<0.10)	ND (<0.099)	**0.36**	ND (<0.098)	ND (<0.11)	ND (<0.096)	**0.11**	**0.42**	ND (<0.098)	ND (<0.10)	ND (<0.097)
Chrysene	0.002	µg/L	2.4 UJ	ND (<10)	ND (<0.046)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.49)	ND (<0.48)	0.50 U F2	ND (<0.48)	ND (<0.10)	**0.40**	ND (<0.099)	ND (<0.10)	ND (<0.099)	**0.23**	**0.13**	**0.14**	ND (<0.096)	**0.24**	**0.31**	ND (<0.098)	ND (<0.10)	ND (<0.097)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.097)
Fluoranthene	50	µg/L	ND (<2.4)	ND (<10)	ND (<0.065)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.49)	ND (<0.48)	0.50 U F2	ND (<0.48)	0.32	0.83	ND (<0.099)	ND (<0.10)	ND (<0.099)	0.37	0.23	0.20	ND (<0.096)	0.62	0.86	ND (<0.098)	ND (<0.10)	ND (<0.097)
Fluorene	50	µg/L	ND (<2.4)	ND (<10)	8	10 E	ND (<10)	6.4	ND (<10)	1.6	ND (<0.48)	5.3 F2	7.7	10.7	ND (<0.098)	4.0	ND (<0.10)	2.8	1.5	1.9	0.3	2.8	0.18	0.48	0.11	3.5	0.21
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	**0.13**	ND (<0.099)	ND (<0.10)	ND (<0.099)	**0.12**	ND (<0.098)	ND (<0.11)	ND (<0.096)	**0.13**	**0.13**	ND (<0.098)	ND (<0.10)	ND (<0.097)
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	5.5	ND (<0.098)	1.5	ND (<0.10)	2.7	0.65	0.62	ND (<0.11)	0.22	ND (<0.10)	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.097)
Naphthalene	10	µg/L	**160**	**83**	**91 D**	**19 E**	**71**	**18**	**77**	1.6	ND (<0.95)	**12 F2 F1**	**73**	**152**	10.90	**13.5**	ND (<0.10)	**17.9**	**6.0**	**2.2**	**1.3**	0.99	0.39	0.85	0.19	0.64	0.38
Phenanthrene	50	µg/L	ND (<2.4)	ND (<10)	0.48 J	1.4	ND (<10)	ND (<10)	ND (<10)	0.27J	ND (<0.19)	1.1 F2 F1	1.9	3.0	0.41	0.75	ND (<0.10)	0.45	0.42	0.37	ND (<0.11)	0.62	0.50	ND (<0.098)	ND (<0.098)	0.59	ND (<0.097)
Pyrene	50	µg/L	ND (<2.4)	ND (<10)	ND (<0.062)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.49)	ND (<0.48)	0.50 U F2 F1	ND (<0.48)	0.35	0.57	0.12	ND (<0.10)	ND (<0.099)	0.29	0.20	0.16	ND (<0.096)	0.45	0.86	ND (<0.098)	ND (<0.10)	ND (<0.097)

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.
Bolded = values indicate exceedance of the NYSDEC AWQS

Table 2

Groundwater Analytical Data
MW-8

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
BTEX												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND (<1.0)	ND (<0.41)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	5	µg/L	ND (<1.0)	ND (<0.74)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	ND (<1.0)	ND (<0.51)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	ND (<3.0)	ND (<0.66)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)
SVOCs												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20	µg/L	ND (<10)	ND (<0.086)	ND (<0.47)	ND (<10)	ND (<10)	ND (<10)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Acenaphthylene	- -	µg/L	ND (<10)	ND (<0.053)	ND (<0.28)	ND (<10)	ND (<10)	ND (<10)	ND (<0.31)	ND (<0.31)	ND (<0.31)	ND (<0.31)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Anthracene	50	µg/L	ND (<10)	ND (<0.037)	ND (<0.47)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Benzo(a)anthracene	0.002	µg/L	ND (<1.0)	ND (<0.043)	ND (<0.28)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.31)	ND (<0.31)	ND (<0.31)	ND (<0.31)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Chrysene	0.002	µg/L	ND (<10)	ND (<0.04)	ND (<0.47)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Fluoranthene	50	µg/L	ND (<10)	ND (<0.056)	ND (<0.47)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Fluorene	50	µg/L	ND (<10)	ND (<0.15)	ND (<0.47)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Naphthalene	10	µg/L	ND (<10)	ND (<0.05)	ND (<0.95)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Phenanthrene	50	µg/L	ND (<10)	ND (<0.059)	ND (<0.19)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.21)	ND (<0.21)	ND (<0.20)	ND (<0.20)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)
Pyrene	50	µg/L	ND (<10)	ND (<0.054)	ND (<0.47)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)

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.
Bolded = values indicate exceedance of the NYSDEC AWQS

Table 2

Groundwater Analytical Data

MW-9

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/24/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
BTEX														ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND (<1.0)	ND (<0.41)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	5	µg/L	ND (<1.0)	ND (<0.74)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	0.52 J	ND (<0.51)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	ND (<3.0)	ND (<0.66)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)
SVOCs													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20	µg/L	ND (<10)	ND (<0.085)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	**26**	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Acenaphthylene	- -	µg/L	ND (<10)	ND (<0.053)	ND (<0.03)	ND (<0.03)	ND (<0.03)	ND (<0.03)	ND (<0.29)	ND (<0.29)	2	ND (<0.29)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Anthracene	50	µg/L	ND (<10)	ND (<0.037)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	ND (<2.5)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Benzo(a)anthracene	0.002	µg/L	ND (<1.0)	ND (<0.043)	ND (<0.03)	ND (<0.03)	ND (<0.03)	ND (<0.03)	ND (<0.29)	ND (<0.29)	ND (<1.5)	ND (<0.29)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Chrysene	0.002	µg/L	ND (<10)	ND (<0.04)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	ND (<2.5)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Fluoranthene	50	µg/L	ND (<10)	ND (<0.056)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	ND (<2.5)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Fluorene	50	µg/L	ND (<10)	ND (<0.15)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	7	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Naphthalene	10	µg/L	ND (<10)	ND (<0.94)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.95)	ND (<0.95)	ND (<5.0)	ND (<0.95)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Phenanthrene	50	µg/L	ND (<10)	ND (<0.058)	ND (<0.02)	ND (<0.02)	ND (<0.02)	ND (<0.02)	ND (<0.19)	ND (<0.19)	1.2	ND (<0.19)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)
Pyrene	50	µg/L	ND (<10)	ND (<0.054)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	ND (<2.5)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)

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.
Bolded = values indicate exceedance of the NYSDEC AWQS

Table 2

Groundwater Analytical Data
MW-10

	NYSDEC TOGS 1.1.1 Guidance Values	Units	06/08/11	10/24/11	04/13/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
BTEX															6.9	23.5	5.2	8.6	8.2	3.0	13.8	5.3	10.3	33.0	37.3	22.2	ND
Benzene	1	µg/L	**6.8**	**14**	**12**	**21**	**9.5**	**12**	**5.7**	**2.6**	**4.2**	**6.5**	**6.4**	**7.9**	**3.3**	**8.2**	**1.9**	**3.2**	**3.1**	**1.7**	**5.4**	**2.5**	**3.6**	**16.8**	**9.3**	**9.6**	ND (<1.0)
Ethylbenzene	5	µg/L	**5.3**	**13**	**12**	**31**	**18**	**20**	**10**	ND (<1.0)	4.2	**5.3**	**10**	**13.2**	3.6	**9.6**	3.3	3.3	2.0	1.3	**8.4**	2.8	4.6	ND (<1.0)	**17.4**	**7.0**	ND (<1.0)
Toluene	5	µg/L	ND (<1.0)	1	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND(<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	**5.8**	**5.6**	**13**	**12**	**6.8**	**6.6**	**4**	ND (<2.0)	2.4	2.5	3.4	**6.6**	ND (<3.0)	**5.7**	ND (<3.0)	2.1	3.1	ND (<3.0)	3.6	ND (<3.0)	2.1	**16.2**	**10.6**	**5.6**	ND (<3.0)
SVOCs														97.6	15.0	37.5	16.5	18.3	13.1	22.8	2.7	12.5	7.7	35.0	39.4	2.21	4.44
Acenaphthene	20	µg/L	11	**21**	**24 D**	**18 E**	**33**	2.5	**23**	0.30 J	14	ND (<0.48)	**29**	**70.9**	9.5	19.3	9.9	10.8	9.0	14.1	0.4	8.20	4.6	**27.3**	15.6	0.35	0.12
Acenaphthylene	- -	µg/L	0.91	ND (<10)	1.7	1.9	1.5	ND (<10)	ND (<10)	1.1	ND (<4.9)	ND (<0.29)	ND (<0.29)	2.4	0.68	1.8	0.83	1.1	0.58	1.4	0.12	0.82	0.86	0.40	1.2	0.46	0.26
Anthracene	50	µg/L	ND (<0.48)	ND (<10)	0.4 J	1	ND (<0.47)	0.79	ND (<10)	ND (<0.49)	ND (<2.9)	ND (<0.48)	ND (<0.48)	0.84	0.20	0.44	0.27	0.24	0.16	0.26	ND (<0.097)	0.15	0.14	0.15	0.14	ND(<0.11)	ND(<0.098)
Benzo(a)anthracene	0.002	µg/L	ND (<0.48)	ND (<1.0)	**0.12 J**	**0.37**	ND (<0.28)	ND (<0.28)	ND (<0.28)	ND (<0.30)	ND (<2.9)	ND (<0.29)	ND (<0.29)	**0.20**	ND (<0.096)	**0.62**	ND (<0.10)	0.11	ND(<0.099)	**0.099**	**0.23**	ND (<0.10)	**0.21**	ND (<0.095)	**0.28**	ND(<0.11)	**0.35**
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	0.43	ND (<0.10)	ND (<0.10)	ND(<0.099)	ND (<0.097)	0.29	ND (<0.10)	0.10	ND (<0.095)	0.29	ND(<0.11)	0.43
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	**0.55**	ND (<0.10)	ND (<0.10)	ND(<0.099)	ND (<0.097)	0.28	ND (<0.10)	ND (<0.097)	**0.17**	**0.57**	ND(<0.11)	**0.57**
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	0.22	ND (<0.10)	ND (<0.10)	ND(<0.099)	ND (<0.097)	0.18	ND (<0.10)	ND (<0.097)	ND (<0.095)	0.23	ND(<0.11)	0.22
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	**0.35**	ND (<0.10)	ND (<0.10)	ND(<0.099)	ND (<0.097)	ND (<0.097)	ND (<0.10)	ND (<0.097)	**0.15**	**0.53**	ND(<0.11)	**0.50**
Chrysene	0.002	µg/L	ND (<0.48)	ND (<10)	**0.11 J**	ND (<0.50)	ND (<0.47)	ND (<0.47)	ND (<0.47)	ND (<0.49)	ND (<2.9)	ND (<0.48)	ND (<0.48)	**0.20**	**0.098**	**0.50**	ND (<0.10)	**0.10**	ND(<0.099)	ND (<0.097)	**0.23**	ND (<0.10)	**0.19**	ND (<0.095)	**0.38**	ND(<0.11)	**0.34**
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	0.19	ND (<0.10)	ND (<0.10)	ND(<0.099)	ND (<0.097)	ND (<0.097)	ND (<0.10)	ND (<0.097)	ND (<0.095)	ND (<0.099)	ND(<0.11)	ND (<0.098)
Fluoranthene	50	µg/L	0.83	ND (<10)	1.1	1.9	ND (<0.47)	2	ND (<10)	1.1 J	ND (<2.9)	ND (<0.48)	ND (<0.48)	2.1	0.83	1.8	1.1	1.1	0.70	1.20	0.34	0.85	1.10	0.18	0.71	0.16	0.70
Fluorene	50	µg/L	2.1	3.2 J	5.6	7.7	7.2	10	ND (<10)	2.8 J	ND (<2.9)	ND (<0.48)	8.7	9.5	2.6	5.8	2.7	2.6	1.7	2.4	ND (<0.097)	0.67	0.38	4.6	4.1	0.16	ND (<0.098)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	**0.21**	ND (<0.10)	ND (<0.10)	ND(<0.099)	ND (<0.097)	**0.14**	ND (<0.10)	ND (<0.097)	ND (<0.095)	**0.20**	ND(<0.11)	**0.20**
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND(<0.099)	ND (<0.097)	ND (<0.097)	ND (<0.10)	ND (<0.097)	ND (<0.095)	ND (<0.099)	ND(<0.11)	ND (<0.098)
Naphthalene	10	µg/L	ND (<0.48)	ND (<10)	2.8	4.4	ND (<0.95)	**15**	ND (<0.95)	ND (<0.99)	ND (<2.9)	ND (<0.95)	ND (<0.95)	5.7	ND (<0.096)	2.0	0.16	0.60	ND(<0.099)	1.2	ND (<0.097)	0.54	0.16	0.97	**13.6**	0.90	ND (<0.098)
Phenanthrene	50	µg/L	0.5	ND (<10)	0.76	4.4	ND (<0.19)	5.1	ND (<10)	0.39 J	ND (<2.9)	ND (<0.19)	2.7	3.0	0.10	0.92	0.17	0.16	ND(<0.099)	0.54	ND (<0.097)	0.12	ND (<0.097)	0.89	1.0	ND(<0.11)	0.12
Pyrene	50	µg/L	0.98	ND (<10)	1.6	2.5	ND (<0.47)	2.5	ND (<10)	0.81 J	ND (<2.9)	ND (<0.48)	ND (<0.48)	2.8	1.0	2.4	1.4	1.5	0.91	1.6	0.42	1.1	ND (<0.097)	0.17	0.58	0.18	0.63

Notes:
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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.
Bolded = values indicate exceedance of the NYSDEC AWQS

Table 2

Groundwater Analytical Data

MW-12

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/25/11	04/13/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	10/13/22
BTEX													79.9	571	86.4	153.0	60.8	94.2	79.3	14.8	219	1.7	1.2	ND	17.3
Benzene	1	µg/L	**11**	**130 D**	**2.1**	**150E**	**89**	**89**	**97**	**95**	**84**	**71.9**	**49.0**	**207**	**54.7**	**91.4**	**36.5**	**57.1**	**48.2**	**10.5**	**139**	**1.7**	**1.2**	ND(<1.0)	**12.9**
Ethylbenzene	5	µg/L	0.79 J	**22**	ND (<1.0)	**15**	**7**	**6.7**	**8.2**	**11**	**11**	**11.6**	**8.8**	**115**	**10.4**	**21.1**	**8.5**	**13.4**	**11.7**	2.4	**30.6**	ND (<1.0)	ND (<1.0)	ND(<1.0)	2.7
Toluene	5	µg/L	0.92 J	**36**	ND (<1.0)	**48**	**19**	**17**	**16**	**16**	**13**	**13.1**	**8.3**	**96.3**	**8.7**	**16.4**	**6.1**	**9.1**	**8.1**	1.9	**21.3**	ND (<1.0)	ND (<1.0)	ND(<1.0)	1.7
Total Xylenes	5	µg/L	0.88 J	**24**	ND (<2.0)	**49**	**22**	**22**	**22**	**27**	**21**	**19.9**	**13.8**	**153**	**12.6**	**24.1**	**9.7**	**14.6**	**11.3**	ND (<3.0)	**28.3**	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)
SVOCs												8.7	10.2	25.1	18.1	22.3	10.3	14.8	0.47	16.6	99.6	ND	0.56	0.59	0.93
Acenaphthene	20	µg/L	ND (<10)	0.89	0.94	1.3	1.7	ND (<0.49)	1.3	ND (<2.4)	1.5	0.46	0.45	2.5	1.1	1.7	0.62	0.96	0.36	2.40	4.9	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Acenaphthylene	- -	µg/L	ND (<10)	0.21 J	ND (<0.29)	0.4	0.41	ND (<0.49)	0.36	ND (<1.5)	0.49	0.16	0.17	0.84	0.33	0.58	0.19	0.31	0.11	0.36	1.4	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Anthracene	50	µg/L	ND (<10)	ND (<0.037)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.50)	ND (<2.4)	ND (<0.48)	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	0.46	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Benzo(a)anthracene	0.002	µg/L	ND (<1.0)	ND (<0.044)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.30)	ND (<1.5)	ND (<0.29)	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	**0.23**	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	0.12	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	**0.23**	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	ND (<0.10)	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	ND (<0.10)	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Chrysene	0.002	µg/L	ND (<10)	ND (<0.04)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.50)	ND (<2.4)	ND (<0.48)	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	**0.25**	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	ND (<0.10)	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Fluoranthene	50	µg/L	ND (<10)	ND (<0.057)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.50)	ND (<2.4)	ND (<0.48)	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	1.0	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Fluorene	50	µg/L	ND (<10)	ND (<0.15)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.50)	ND (<2.4)	ND (<0.48)	0.10	0.11	0.64	0.27	0.51	0.17	0.28	ND (<0.097)	2.7	1.4	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	ND (<0.10)	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	0.48	0.59	2.0	1.4	2.1	0.81	1.2	ND (<0.097)	0.2	5.4	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Naphthalene	10	µg/L	ND (<10)	5.5	5.1	4.1	**27**	**36**	ND (<0.20)	**25**	**23**	7.5	8.9	**18.8**	**14.9**	**17.1**	9.2	**11.9**	ND (<0.097)	1.8	**85.6**	ND (<0.097)	0.56	0.59	0.93
Phenanthrene	50	µg/L	ND (<10)	ND (<0.059)	ND (<0.19)	0.19	ND (<0.19)	ND (<0.19)	ND (<0.20)	ND (<0.97)	0.2	ND (<0.10)	ND (<0.10)	0.34	0.12	0.31	0.10	0.18	ND (<0.097)	5.7	0.92	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)
Pyrene	50	µg/L	ND (<10)	ND (<0.054)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.50)	ND (<2.4)	ND (<0.48)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	1.1	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)

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.

Bolded = values indicate exceedance of the NYSDEC AWQS

Table 2

Groundwater Analytical Data

EW-1

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/11/12	10/09/13	10/20/14	10/30/15	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	10/13/21	04/07/22	10/13/22	04/13/23
BTEX								104.3	191	104.7	209	131	201	197	301	330	125	214	221
Benzene	1	µg/L	**3.4**	**200**	**310**	**28**	**21.6**	**91.5**	**177**	**95.1**	**192**	**114**	**189**	**180**	**284**	**317**	**117**	**202**	**197**
Ethylbenzene	5	µg/L	ND (<1.0)	**16**	**3.8**	ND (<1.0)	ND (<1.0)	**8.1**	4.2	**6.1**	**7.6**	**10.7**	**4.9**	**11.6**	**5.6**	**2.8**	4.7	1.7	**15.2**
Toluene	5	µg/L	ND (<1.0)	1.8	1.5	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.2	ND (<1.0)	1.6	ND(<1.0)	1.1	ND (<1.0)	2.2	1.8	ND (<1.0)	1.5	1.2
Total Xylenes	5	µg/L	ND (<2.0)	**8.1**	**7.3**	2.1	ND (<3.0)	4.7	**8.1**	3.5	8.1	6.7	**5.6**	**5.4**	**9.5**	**8.4**	3.4	**8.4**	**7.4**
SVOCs							18.0	2.44	14.0	1.7	17.2	7.6	18.0	5.8	17.9	17.7	0.97	19.8	1.33
Acenaphthene	20	µg/L	13 E	16	0.97	3.3	9.3	ND (<0.096)	6.2	ND (<0.099)	7.8	4.6	7.9	3.1	8.6	9.5	ND (<0.11)	10.3	ND (<0.099)
Acenaphthylene	- -	µg/L	1.3	0.88	ND (<0.48)	ND (<0.32)	0.55	1.30	0.76	0.43	1.0	0.46	0.98	0.54	0.86	1.0	0.39	1.3	0.32
Anthracene	50	µg/L	ND (<0.48)	ND (<0.49)	ND (<0.49)	ND (<0.53)	0.13	ND (<0.096)	0.16	ND (<0.099)	0.24	ND (<0.10)	0.24	ND (<0.10)	0.22	0.24	ND (<0.11)	0.27	ND (<0.099)
Benzo(a)anthracene	0.002	µg/L	ND (<0.29)	ND (<0.30)	ND (<0.30)	ND (<0.32)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	**0.10**	ND (<0.10)	**0.11**	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	0.13	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)
Chrysene	0.002	µg/L	ND (<0.48)	ND (<0.49)	ND (<0.49)	ND (<0.53)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	**0.11**	ND (<0.10)	**0.11**	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)
Fluoranthene	50	µg/L	4	4.1	2.2	0.93	1.5	0.40	1.5	0.30	1.6	0.63	1.7	0.94	1.2	1.0	0.20	1.1	0.39
Fluorene	50	µg/L	3	2.2	5.3	ND (<0.53)	3.2	ND (<0.096)	2.6	ND (<0.099)	3.1	1.1	3.4	ND (<0.10)	3.4	3.9	ND (<0.11)	4.2	ND (<0.099)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)
2-Methylnapthalene	- -	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)
Naphthalene	10	µg/L	1.2	ND (<0.99)	2.6	ND (<1.1)	1.1	ND (<0.096)	0.76	ND (<0.099)	0.86	ND (<0.10)	0.87	ND (<0.10)	1.7	0.89	ND (<0.11)	0.87	ND (<0.099)
Phenanthrene	50	µg/L	0.38	ND (<0.20)	0.23	ND (<0.21)	0.18	ND (<0.096)	0.13	ND (<0.099)	0.26	ND (<0.10)	0.44	ND (<0.10)	0.43	ND (<0.096)	ND (<0.11)	0.21	ND (<0.099)
Pyrene	50	µg/L	4.5	4.6	2.7	0.68	1.9	0.74	1.9	1.0	2.1	0.79	2.2	1.2	1.5	1.2	0.38	1.5	0.62

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.

Bolded = values indicate exceedance of the NYSDEC AWQS

2023 Semi-Annual Groundwater Monitoring Report (January through June)
National Grid Fort Plain Former MGP Site
14 Hancock Street, Fort Plain, NY 13339

Total BTEX and SVOCs
units in µg/L

MW-2	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/30/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.10	ND	ND	ND	ND	ND	ND	ND	ND

MW-3	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	5.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12	2.65	ND	0.12	0.70	ND	ND	ND	ND

MW-7	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
Total BTEX	459	270	278	156	114	75	52	18	ND	34	71	56.6	26.0	52.1	ND	57.7	43.1	29.9	27.5	32.1	20.2	7.2	15.4	24.4	24.9
Total SVOCs	167	106	157	58	97	69	95	3.2	ND	49	123	260.4	15.14	46.2	ND	39.6	19.9	17.8	6.2	22.8	5.8	8.7	1.9	29.2	3.9

MW-8	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-9	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
Total BTEX	ND	0.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-10	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
Total BTEX	17.9	34	37	64	34	39	20	2.6	10.8	14.3	20	27.7	6.9	23.5	5.2	8.6	8.2	3.0	13.8	5.3	10.3	33.0	37.3	22.2	ND
Total SVOCs	16	24	38	42	42	38	23	6.2	14	ND	40	97.6	15.0	37.5	16.5	18.3	13.1	22.8	2.7	12.5	7.7	35.0	39.4	2.21	4.44

MW-12	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/30/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23
Total BTEX	234	14	212	2.1	262	137	135	143	149	53.8	129	116.5	79.9	571	86.4	153.0	60.8	94.2	79.3	14.8	219	1.7	1.2	ND	17.3
Total SVOCs	ND	ND	6.6	6.0	6.0	29	36	1.7	25	4.6	25.2	8.7	10.2	25.1	18.1	22.3	10.3	14.8	0.47	16.6	99.6	ND	0.56	0.59	0.93

EW-1	10/11/12	10/09/13	10/20/14	10/30/15	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	10/13/21	04/07/22	10/13/22	04/13/23
Total BTEX	3.4	226	323	32	21.6	104.3	191	104.7	209	131	201	197	301	330	125	214	221
Total SVOCs	27	28	14.0	4.9	18.0	2.44	14.0	1.7	17.2	7.6	18.0	5.8	17.9	17.7	0.97	19.8	1.3

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes.
SVOC - Semi-Volatile Organic Compounds.
ND - Not Detected.

Appendix A – Field Data

Field Inspection Form
Former MGP Site
Fort Plain, New York

Date: 1/10/2023 Time: 11:00

Technician: TB Weather: Cloudy 33

Site Controls				
Fence Condition	GOOD	FAIR	DAMAGED	COMMENTS:
Main Gate Condition	GOOD	FAIR	DAMAGED	COMMENTS:
Padlock-NG/GES	OPERATIONAL		NON-OPERATIONAL	COMMENTS:

General Site Conditions				
Condition of Monitoring Wells	GOOD	FAIR	POOR	COMMENTS:
Condition of Pavement (Rt. 5S Diner)	GOOD	FAIR	POOR	COMMENTS:
Evidence of Intrusive Activities	NONE	MINOR	SIGNIFICANT	COMMENTS:
Evidence of Settlement	NONE	MINOR	SIGNIFICANT	COMMENTS:

NOTE: Asphalt pavement on surrrounding properties is not part of the Site Remedy.

Former MGP Property Cover system				
Vegetative Growth	NONE	MINOR	SIGNIFICANT	COMMENTS:
Borrowing or Depressions	NONE	MINOR	SIGNIFICANT	COMMENTS:
Evidence of Settlement	NONE	MINOR	SIGNIFICANT	COMMENTS:
Evidence of Sedimentation	NONE	MINOR	SIGNIFICANT	COMMENTS:
Missing Stone	NONE	MINOR	SIGNIFICANT	COMMENTS:
Standing Water	NONE	MINOR	SIGNIFICANT	COMMENTS:
Damage or Failure	NONE	MINOR	SIGNIFICANT	COMMENTS:

Drainage Swale				
Vegetative Growth	NONE	MINOR	SIGNIFICANT	COMMENTS:
Evidence of Sedimentation	NONE	MINOR	SIGNIFICANT	COMMENTS:
Missing Stone	NONE	MINOR	SIGNIFICANT	COMMENTS:
Standing Water	NONE	MINOR	SIGNIFICANT	COMMENTS:
Damage or Failure	NONE	MINOR	SIGNIFICANT	COMMENTS:

Drainage Basin				
Condition of Basin	GOOD	FAIR	POOR	COMMENTS:
Evidence of Sedimentation	NONE	MINOR	SIGNIFICANT	COMMENTS:
Depth to Water	**n/a**	feet below ground surface		COMMENTS:

Concrete Block Retaining Wall (north of the former MGP property)				
Condition of Wall	GOOD	FAIR	POOR	COMMENTS:

NOTE: Concrete block retaining wall is not part of the Site Remedy.

Southern Gas Holder Retaining Wall				
Condition of Wall	GOOD	FAIR	POOR	COMMENTS:

Hillside (west of the former MGP property)				
Condition of Hill	GOOD	FAIR	POOR	COMMENTS:
Any Obvious Movement	NONE	MINOR	SIGNIFICANT	COMMENTS:

Site Monitoring Wells		
Well ID	*Location Secure*	
EW-1	YES	NO
MW-2	YES	NO
MW-3	YES	NO
MW-6	*Destroyed*	
MW-7	YES	NO
MW-8	YES	NO
MW-9	YES	NO
MW-10	YES	NO
MW-11	YES	NO
MW-12	YES	NO

General Comments:

Field Inspection Form
Former MGP Site
Fort Plain, New York

Date: 4/13/2023 Time: 8:30

Technician: KL Weather: Sunny 68

Site Controls				
Fence Condition	GOOD	FAIR	DAMAGED	COMMENTS:
Main Gate Condition	GOOD	FAIR	DAMAGED	COMMENTS:
Padlock-NG/GES	OPERATIONAL		NON-OPERATIONAL	COMMENTS:

General Site Conditions				
Condition of Monitoring Wells	GOOD	FAIR	POOR	COMMENTS:
Condition of Pavement (Rt. 5S Diner)	GOOD	FAIR	POOR	COMMENTS:
Evidence of Intrusive Activities	NONE	MINOR	SIGNIFICANT	COMMENTS:
Evidence of Settlement	NONE	MINOR	SIGNIFICANT	COMMENTS:

NOTE: Asphalt pavement on surrrounding properties is not part of the Site Remedy.

Former MGP Property Cover system				
Vegetative Growth	NONE	MINOR	SIGNIFICANT	COMMENTS:
Borrowing or Depressions	NONE	MINOR	SIGNIFICANT	COMMENTS:
Evidence of Settlement	NONE	MINOR	SIGNIFICANT	COMMENTS:
Evidence of Sedimentation	NONE	MINOR	SIGNIFICANT	COMMENTS:
Missing Stone	NONE	MINOR	SIGNIFICANT	COMMENTS:
Standing Water	NONE	MINOR	SIGNIFICANT	COMMENTS:
Damage or Failure	NONE	MINOR	SIGNIFICANT	COMMENTS:

Drainage Swale				
Vegetative Growth	NONE	MINOR	SIGNIFICANT	COMMENTS:
Evidence of Sedimentation	NONE	MINOR	SIGNIFICANT	COMMENTS:
Missing Stone	NONE	MINOR	SIGNIFICANT	COMMENTS:
Standing Water	NONE	MINOR	SIGNIFICANT	COMMENTS:
Damage or Failure	NONE	MINOR	SIGNIFICANT	COMMENTS:

Drainage Basin				
Condition of Basin	GOOD	FAIR	POOR	COMMENTS:
Evidence of Sedimentation	NONE	MINOR	SIGNIFICANT	COMMENTS:
Depth to Water	**1.97**	feet below ground surface		COMMENTS:

Concrete Block Retaining Wall (north of the former MGP property)				
Condition of Wall	GOOD	FAIR	POOR	COMMENTS:

NOTE: Concrete block retaining wall is not part of the Site Remedy.

Southern Gas Holder Retaining Wall				
Condition of Wall	GOOD	FAIR	POOR	COMMENTS:

Hillside (west of the former MGP property)				
Condition of Hill	GOOD	FAIR	POOR	COMMENTS:
Any Obvious Movement	NONE	MINOR	SIGNIFICANT	COMMENTS:

Site Monitoring Wells		
Well ID	*Location Secure*	
EW-1	YES	NO
MW-2	YES	NO
MW-3	YES	NO
MW-6	*Destroyed*	
MW-7	YES	NO
MW-8	YES	NO
MW-9	YES	NO
MW-10	YES	NO
MW-11	YES	NO
MW-12	YES	NO

General Comments:

Well ID	Sample?	Well Size	DTW	DTP	DTB	Comments
EW-1	Yes	4"	2.87		8.61	Sampled Fall Event Only
MW-2	Yes	2"	4.20		17.81	
MW-3	Yes	2"	10.09		18.72	
MW-6	No	2"	NA	NA	NA	well has been destroyed
MW-7	Yes	2"	16.46		22.72	MS/MSD Sample
MW-8	Yes	2"	18.88		24.52	
MW-9	Yes	2"	20.97		25.35	Field Duplicate Sample
MW-10	Yes	2"	18.96		22.92	
MW-11	No	2"	9.82		16.25	
MW-12	Yes	2"	2.60		19.57	

***DTW** -depth to water*

***DTP** -depth to product*

***DTB** -depth to bottom*

***NA** -Not Applicable*

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: AJ
Job Number: 0603324-133390-221
Well Id. **EW-1**

Date: 4/13/23
Weather: 72°F, sunny
Time In: 1100 Time Out:

Well Information

		TOC	Other
Depth to Water:	(feet)	2.82	
Depth to Bottom:	(feet)	8.61	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	5.79	
Volume of Water in Well:	(gal)	3.70	
Three Well Volumes:	(gal)	11.11	

Well Type: Flushmount ☐ Stick-Up ☒
Well Locked: Yes ☐ No ☒
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other:
Well Diameter: 2" ☐ 4" ☒ Other:
Comments:

Purging Information

Purging Method:	Bailer ☐	Peristaltic ☒	Well Wizard Dedicated Pump ☐		
Tubing/Bailer Material:	Teflon ☐	Stainless St. ☐	Polyethylene ☒	other ☐	
Sampling Method:	Bailer ☒	Peristaltic ☒	Well Wizard Dedicated Pump ☐		

Average Pumping Rate: 250 (ml/min)
Duration of Pumping: 30 (min)
Total Volume Removed: 2.5 (gal)

Did well go dry? Yes ☐ No ☒

Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐

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

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1105	2.86	13.60	7.57	-46	0.851	5.3	2.34	0.543
1110	2.91	13.77	7.67	-135	0.881	11.8	2.72	0.564
1115	2.91	14.32	7.71	-151	0.876	9.5	2.22	0.561
1120	2.91	14.62	7.73	-155	0.861	7.1	1.97	0.551
1125	2.91	14.69	7.74	-157	0.857	5.8	1.89	0.549
1130	2.91	14.70	7.75	-159	0.856	5.0	1.84	0.548
1135	2.91	14.66	7.76	-161	0.855	4.9	1.81	0.547

Sampling Information:

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

2 - 100 ml amber Yes ☒ No ☐
3 - 40 mL vials Yes ☒ No ☐

Sample ID: **EW-1-0423** Duplicate? Yes ☐ No ☒
Sample Time: 1140 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier ☒ Fed-Ex ☐ UPS ☐

Comments/Notes:

Laboratory: PACE Analytical Greensburg, PA

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: AS
Job Number: 0603324-133390-221
Well Id. **MW-2**

Date: 4/13/23
Weather: 75°F, sunny
Time In: 1145 Time Out: 1230

Well Information

		TOC	Other
Depth to Water:	(feet)	4.20	
Depth to Bottom:	(feet)	17.81	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	13.61	
Volume of Water in Well:	(gal)	2.17	
Three Well Volumes:	(gal)	6.53	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	other [ ]	
Sampling Method:	Bailer [X]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		

Average Pumping Rate:	250	(ml/min)
Duration of Pumping:	30	(min)
Total Volume Removed:	2.5	(gal)

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

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

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

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1150	5.45	14.54	7.73	-152	0.871	8.4	1.89	0.557
1155	6.28	14.31	7.63	-135	0.895	12.4	1.92	0.574
1200	6.79	15.52	7.54	-136	0.899	11.5	1.73	0.576
1205	7.25	15.62	7.50	-136	0.892	11.5	1.62	0.571
1210	7.65	14.86	7.47	-137	0.906	10.6	1.70	0.579
1215	7.95	14.54	7.47	-137	0.919	9.6	1.78	0.588
1220	8.25	14.43	7.46	-137	0.921	9.4	1.79	0.589

Sampling Information:

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

2 - 100 ml amber Yes [X] No [ ]
3 - 40 mL vials Yes [X] No [ ]

Sample ID: **MW-2-0423** Duplicate? Yes [ ] No [X]
Sample Time: 1225 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier [X] Fed-Ex [ ] UPS [ ]

Comments/Notes:

Laboratory: PACE Analytical Greensburg, PA

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: AJ
Job Number: 0603324-133390-221
Well Id. **MW-3**

Date: 4/13/23
Weather: 67°F, sunny
Time In: 0930 Time Out: 1015

Well Information

		TOC	Other
Depth to Water:	(feet)	16.09	
Depth to Bottom:	(feet)	18.72	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	2.63	
Volume of Water in Well:	(gal)	0.42	
Three Well Volumes:	(gal)	1.2	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	other [ ]	
Sampling Method:	Bailer [X]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		

Average Pumping Rate: 200 (ml/min)
Duration of Pumping: 30 (min)
Total Volume Removed: 1 (gal)

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

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

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

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
0935	16.29	14.46	8.31	-34	0.864	10.0	11.45	0.553
0940	16.32	13.88	8.07	-10	0.864	9.0	9.45	0.553
0945	16.35	12.81	7.78	19	0.858	8.3	7.57	0.549
0950	16.41	12.38	7.61	39	0.858	7.5	6.95	0.546
0955	16.46	12.73	7.53	56	0.845	6.4	6.54	0.541
1000	16.49	14.49	7.48	65	0.812	6.4	5.96	0.522
1005	16.55	16.24	7.44	75	0.765	6.2	5.44	0.491

Sampling Information:

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

2 - 100 ml amber Yes [X] No [ ]
3 - 40 mL vials Yes [X] No [ ]

Sample ID: **MW-3-0423**
Sample Time: 1010

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

Shipped: Pace Courier [X] Fed-Ex [ ] UPS [ ]

Comments/Notes:

Laboratory: PACE Analytical Greensburg, PA

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: [illegible]
Job Number: 0603324-133390-221
Well Id. **MW-7**

Date: 4/13/21
Weather: Sunny
Time In: 11:15 Time Out:

Well Information

		TOC	Other
Depth to Water:	(feet)	16.76	
Depth to Bottom:	(feet)	22.72	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	6.24	
Volume of Water in Well:	(gal)	1.00	
Three Well Volumes:	(gal)	3.00	

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

Purging Information

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

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

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

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
11:20	16.60	17.90	7.30	79	2.51	134	2.61	1.59
11:25	16.63	15.95	7.12	70	1.58	24.3	0.73	1.01
11:30	16.63	15.69	7.04	78	1.42	8.6	0.62	0.901
11:35	16.63	15.66	6.99	73	1.32	0.4	0.51	0.845
11:40	16.63	15.64	6.96	32	1.28	0.0	0.53	0.815
11:45	16.63	15.65	6.93	-6	1.25	0.0	0.47	0.800
11:50	16.63	15.75	6.93	-23	1.24	0.0	0.49	0.790

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's — 6 - 100 ml amber — Yes [X] No [ ]
EPA SW-846 Method 8260 VOC's BTEX — 9 - 40 mL vials — Yes [X] No [ ]

MW-7-MS-0423 and MW-7-MSD-0423

Sample ID: **MW-7-0423** Duplicate? Yes [ ] No [X]
Sample Time: 11:50 MS? Yes [X] No [ ]

Shipped: Pace Courier [X] Fed-Ex [ ] UPS [ ]

Comments/Notes:

Laboratory: PACE Analytical Greensburg, PA

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: VK
Date: 4/13/23
Job Number: 0603324-133390-221
Weather: Sunny 40's
Well Id. **MW-8**
Time In: 09:20 Time Out: 10:00

Well Information

		TOC	Other
Depth to Water:	(feet)	18.88	
Depth to Bottom:	(feet)	24.52	
Depth to Product:	(feet)		
Length of Water Column:	(feet)	5.64	
Volume of Water in Well:	(gal)	.902	
Three Well Volumes:	(gal)	2.70	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	other [ ]	
Sampling Method:	Bailer [X]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		

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

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

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

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

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
09:25	18.92	13.79	7.93	157	1.38	[illegible]	6.51	0.933
09:30	18.94	13.77	7.15	168	1.47	0.0	5.15	0.940
09:35	18.94	13.59	6.95	176	1.46	0.0	4.26	0.937
09:40	18.94	14.06	6.94	179	1.45	0.0	4.67	0.928
09:45	18.94	14.05	6.95	179	1.45	0.0	4.63	0.925
09:50	18.94	14.09	6.94	180	1.44	0.0	4.62	0.920
09:55	18.94	14.12	6.95	181	1.44	0.0	4.68	0.920

Sampling Information:

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

2 - 100 ml amber Yes [X] No [ ]
3 - 40 mL vials Yes [X] No [ ]

Sample ID: **MW-8-0423**
Sample Time: 09:55

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

Shipped: Pace Courier [X] Fed-Ex [ ] UPS [ ]

Comments/Notes:

Laboratory: PACE Analytical Greensburg, PA

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: IC
Job Number: 0603324-133390-221
Well Id. **MW-9**

Date: 7/13/23
Weather: Sunny 60
Time In: 10:00 Time Out: 10:40

Well Information

		TOC	Other
Depth to Water:	(feet)	20.97	
Depth to Bottom:	(feet)	25.35	
Depth to Product:	(feet)		
Length of Water Column:	(feet)	4.38	
Volume of Water in Well:	(gal)	.700	
Three Well Volumes:	(gal)	2.10	

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

Purging Information

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

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

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

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

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
10:05	20.97	19.09	7.31	175	2.31	108	5.77	1.45
10:10	20.97	15.86	7.16	186	2.37	81.3	4.02	1.52
10:15	20.97	15.31	7.07	188	2.37	31.6	3.99	1.51
10:20	20.97	15.10	7.07	189	2.28	6.1	4.19	1.46
10:25	20.97	15.12	7.07	190	2.25	2.4	4.32	1.44
10:30	20.97	15.08	7.06	192	2.24	0.0	4.19	1.43
10:35	20.97	15.01	7.05	193	2.26	0.0	4.26	1.45

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's — 4 - 100 ml amber — Yes [X] No [ ]
EPA SW-846 Method 8260 VOC's BTEX — 6 - 40 mL vials — Yes [X] No [ ]

FD-0423
Sample ID: **MW-9-0423** Duplicate? Yes [X] No [ ]
Sample Time: 10:35 MS? Yes [ ] No [X]

Shipped: Pace Courier [X] Fed-Ex [ ] UPS [ ]

Comments/Notes:

Laboratory: PACE Analytical Greensburg, PA

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: JK
Job Number: 0603324-133390-221
Well Id. **MW-10**

Date: 4/13/23
Weather: Sunny 70s
Time In: 10:40 Time Out:

Well Information

		TOC	Other
Depth to Water:	(feet)	18.96	
Depth to Bottom:	(feet)	22.92	
Depth to Product:	(feet)		
Length of Water Column:	(feet)	3.96	
Volume of Water in Well:	(gal)	0.633	
Three Well Volumes:	(gal)	1.90	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	other [ ]	
Sampling Method:	Bailer [X]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		

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

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

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

Conversion Factors

gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47

1 gallon=3.785L=3785mL=1337cu. feet

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
10:55	19.60	15.74	7.23	156	2.23	148	4.31	1.42
11:00	19.88	15.07	7.01	99	2.25	108	4.51	1.44
11:05	20.34	15.53	7.02	76	2.56	1.72	3.96	1.65
11:10	21.07	15.50	7.02	70	2.56	1.77	3.89	1.65
11:15	21.39	15.47	7.01	60	2.47	1.70	3.12	1.63
11:20								
11:25								

SAMPLES EARLY DUE TO LACK OF WATER

Sampling Information:

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

2 - 100 ml amber Yes [X] No [ ]
3 - 40 mL vials Yes [X] No [ ]

Sample ID: **MW-10-0423** Duplicate? Yes [ ] No [X]
Sample Time: 11:25 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier [X] Fed-Ex [ ] UPS [ ]

Comments/Notes:

Laboratory: PACE Analytical Greensburg, PA

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: AS
Job Number: 0603324-133390-221
Well Id. **MW-12**

Date: 4/13/23
Weather: 70°F, sunny
Time In: 1015 Time Out: 1100

Well Information

		TOC	Other
Depth to Water:	(feet)	2.60	
Depth to Bottom:	(feet)	22.92	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	20.32	
Volume of Water in Well:	(gal)	3.25	
Three Well Volumes:	(gal)	9.75	

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

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	other [ ]	
Sampling Method:	Bailer [X]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		

Average Pumping Rate: 250 (ml/min)
Duration of Pumping: 30 (min)
Total Volume Removed: 2.5 (gal)

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

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

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

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1020	2.108	15.40	7.47	38	0.805	5.2	4.75	0.511
1025	2.69	14.10	7.56	-19	0.892	7.7	2.54	0.571
1030	2.69	14.55	7.59	-17	0.888	0.5	2.04	0.568
1035	2.69	14.55	7.60	-15	0881	0.3	1.95	0.564
1040	2.69	14.20	7.59	-13	0.866	0.2	1.91	0.554
1045	2.69	13.85	7.58	-8	0.852	0.2	1.89	0.545
1050	2.69	13.74	7.54	-1	0.837	0.2	1.84	0.536

Sampling Information:

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

2 - 100 ml amber Yes [X] No [ ]
3 - 40 mL vials Yes [X] No [ ]

Sample ID: **MW-12-0423** Duplicate? Yes [ ] No [X]
Sample Time: 1055 MS/MSD? Yes [ ] No [X]

Shipped: Pace Courier [X] Fed-Ex [ ] UPS [ ]

Comments/Notes:

Laboratory: PACE Analytical Greensburg, PA

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A
Required Client Information:

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

Section B
Required Project Information:

Report To: Devin Shay (GES) dshay@gesonline.com
Report To: Tim Beaumont (GES) tbeaumont@gesonline.com
Purchase Order No.:
Project Name: National Grid - Fort Plain, NY
Project Number: 0603324-133390-221-1106

Section C
Invoice Information:

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

Semi-Annual GWS

REGULATORY AGENCY
NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

SITE LOCATION
GA IL IN M NC
OH SC W OTHER

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED GRAB DATE	COLLECTED GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis: BTEX (8260C)	PAH Semi-Volatiles Low Level (8270D_LL)	Pace Project Number / Lab I.D.
1	EW-1-0423	WT	G	[redacted]	[redacted]	4/13/23	11:40		5	2			3					3	2	
2	MW-2-0423	WT	G				12:35		5	2			3					3	2	
3	MW-3-0423	WT	G				10:10		5	2			3					3	2	
4	MW-7-0423	WT	G				11:50		5	2			3					3	2	
5	MW-7-MS-0423	WT	G				11:50		5	2			3					3	2	
6	MW-7-MSD-0423	WT	G				11:50		5	2			3					3	2	
7	MW-8-0423	WT	G				09:55		5	2			3					3	2	
8	MW-9-0423	WT	G				10:35		5	2			3					3	2	
9	MW-10-0423	WT	G				11:25		5	2			3					3	2	
10	MW-12-0423	WT	G				10:55		5	2			3					3	2	
11	FD-0423	WT	G				—		5	2			3					3	2	
12	Trip Blank	WT	Lab				12:30		2				2					2		

Filtered (Y/N)
Requested Analysis:

Additional Comments:

SAMPLES WILL ARRIVE IN # 1 COOLERS.

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

SPECIFIC EDD NAME:

NGFortPlain-labnumber.28351.EQEDD.zip

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	4/13/23	1435		4/13	1435

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: [redacted]
SIGNATURE of SAMPLER: [redacted] DATE Signed (MM / DD / YY): 4/13/23

SAMPLE CONDITIONS

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

Appendix B – Data Usability Summary Report

Groundwater
& Environmental Services, Inc.

1750 Kraft Drive, Suite 2700 • Blacksburg, Virginia 24060 • (866) 756 0788

May 12, 2023

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

RE: Data Usability Summary Report for National Grid - Fort Plain, NY Site Data Package
Pace Analytical Job No. 30578834

Groundwater & Environmental Services, Inc. (GES) reviewed one data package (Laboratory Project Number 30578834) from Pace Analytical Services, Inc., for the analysis of groundwater samples collected on April 13, 2023 from monitoring wells located at the National Grid Fort Plain, NY Site. Eight aqueous samples and one field duplicate (MW-9 location) were analyzed for select volatile organics and PAHs. One trip blank was analyzed for select volatile organics. Methodologies utilized are the USEPA SW846 methods 8260C and 8270D by SIM, with additional QC requirements of the NYSDEC ASP.

The data are reported as part of a complete full deliverable type B data validation. This usability report is generated from review of the following:

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

The items listed above which show deficiencies are discussed within the text of this narrative. All of the other items are determined to be acceptable for the DUSR level review.

Table 1. Data Qualifications

Sample ID	Qualifier	Analyte	Reason for qualification
All Samples	UJ-	Benzo(g,h,i)perylene	Low CCV recovery
MW-7	J UJ UJ J UJ J	Benzene Ethylbenzene m&p-Xylene o-Xylene Toluene Xylene, Total	RPD >30%

In summary, sample results are usable as reported. Qualifications are detailed in Table 1.

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

BTEX and TCL Volatiles by EPA 8260C/NYSDEC ASP

Sample holding times are met. Surrogate and internal standard recoveries are within required limits. The applicable duplicate correlations fall within guidance limits. There are no positive detections in the field or laboratory blanks. Calibration recoveries are within project specifications. Field precision was not measured as neither the sample MW-9 nor the duplicate taken at MW-9 location reported concentrations above the detection level. Instrumental tune results were within EPA guidance. Laboratory control samples reported recoveries and relative percent differences within project and laboratory variance.

Matrix spikes reported recoveries are within criteria with the exception of a high recovery of o-xylene in the MSD utilizing MW-7. There were issues with precision exemplified by all the RPDs for this MS/MSD pair recovering significantly outside criteria, with the MS recoveries near the low end of criteria and the MSD recovering on the high end - resulting in all BTEX results for this sample to be qualified as estimated. o-Xylene recoveries follow the same pattern as the rest of the BTEX analytes, and the bias cannot be determined as the MS recovered on the low end of the range, and the MSD was slightly over the high end of the acceptable criteria. All data is qualified as estimated with an indeterminate bias.

PAHs by EPA8270C/NYSDEC ASP

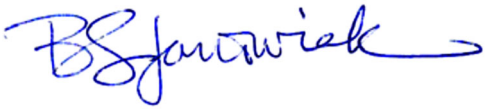
Sample holding times are met. Surrogate and internal standard recoveries are within required limits. The applicable duplicate correlations fall within guidance limits. There are no positive detections in the field or laboratory blanks. Laboratory control and matrix spike recoveries fell within project objectives.

Calibration recoveries were within project specifications with the exception of a low recovery of Benzo(g,h,i)perylene in the continuing calibration verification sample. All sample data is non-detect and is qualified as estimated non-detect with a possible low bias. Instrumental tune results were within EPA guidance. Field precision was not measured as neither the sample MW-9 nor the duplicate taken at MW-9 location reported concentrations above the detection level.

Data Package Completeness

Specific NYSDEC Category B deliverables were included in the laboratory data package, all information required for validation of the data is present.

Please do not hesitate to contact me if you have comments or questions regarding this report.



Bonnie Janowiak, Ph.D.
Senior Chemist
701 N Main St, Suite 201
Blacksburg, VA 24060

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.

Sample Summaries

and

Laboratory Case Narratives

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

SAMPLE SUMMARY

Project: Fort Plain NY
Pace Project No.: 30578834

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30578834001	**EW-1-0423**	Water	04/13/23 11:40	04/14/23 09:15
30578834002	**MW-2-0423**	Water	04/13/23 12:25	04/14/23 09:15
30578834003	**MW-3-0423**	Water	04/13/23 10:10	04/14/23 09:15
30578834004	**MW-7-0423**	Water	04/13/23 11:50	04/14/23 09:15
30578834005	**MW-7MS-0423**	Water	04/13/23 11:50	04/14/23 09:15
30578834006	**MW-7MSD-0423**	Water	04/13/23 11:50	04/14/23 09:15
30578834007	**MW-8-0423**	Water	04/13/23 09:50	04/14/23 09:15
30578834008	**MW-9-0423**	Water	04/13/23 10:35	04/14/23 09:15
30578834009	**MW-10-0423**	Water	04/13/23 11:25	04/14/23 09:15
30578834010	**MW-12-0423**	Water	04/13/23 10:55	04/14/23 09:15
30578834011	**FD-0423**	Water	04/13/23 10:55	04/14/23 09:15
30578834012	**Trip Blank**	Water	04/13/23 10:55	04/14/23 09:15

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PROJECT NARRATIVE

Project: Fort Plain NY
Pace Project No.: 30578834

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

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

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

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

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

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

QC Batch: 582131

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

- BLANK (Lab ID: 2827202)
  - Benzo(g,h,i)perylene
- EW-1-0423 (Lab ID: 30578834001)
  - Benzo(g,h,i)perylene
- FD-0423 (Lab ID: 30578834011)
  - Benzo(g,h,i)perylene
- LCS (Lab ID: 2827203)
  - Benzo(g,h,i)perylene
- MS (Lab ID: 2827204)
  - Benzo(g,h,i)perylene
- MSD (Lab ID: 2827205)
  - Benzo(g,h,i)perylene
- MW-10-0423 (Lab ID: 30578834009)
  - Benzo(g,h,i)perylene
- MW-12-0423 (Lab ID: 30578834010)
  - Benzo(g,h,i)perylene
- MW-2-0423 (Lab ID: 30578834002)
  - Benzo(g,h,i)perylene
- MW-3-0423 (Lab ID: 30578834003)
  - Benzo(g,h,i)perylene
- MW-7-0423 (Lab ID: 30578834004)
  - Benzo(g,h,i)perylene
- MW-7MS-0423 (Lab ID: 30578834005)
  - Benzo(g,h,i)perylene
- MW-7MSD-0423 (Lab ID: 30578834006)
  - Benzo(g,h,i)perylene

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PROJECT NARRATIVE

Project: Fort Plain NY
Pace Project No.: 30578834

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

QC Batch: 582131

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

- MW-8-0423 (Lab ID: 30578834007)
  - Benzo(g,h,i)perylene
- MW-9-0423 (Lab ID: 30578834008)
  - Benzo(g,h,i)perylene

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

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

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

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

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

Additional Comments:

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: Fort Plain NY
Pace Project No.: 30578834

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

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

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

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

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

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

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

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

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

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

QC Batch: 581740

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

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

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

R1: RPD value was outside control limits.

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: Fort Plain NY
Pace Project No.: 30578834

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

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