

Scott Deyette
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233-7014

Subject:

2019 Post-Construction Monitoring Report
Goshen Former Manufactured Gas Plant Site
Site No. 3-36-046

Dear Mr. Deyette:

On behalf of New York State Electric & Gas Corporation (NYSEG), this letter summarizes the results of the 2019 post-remediation monitoring completed at the Goshen Former Manufactured Gas Plant (MGP) site (the site).

Arcadis of New York, Inc. (Arcadis) conducted the 2019 monitoring in accordance with the New York State Department of Environmental Conservation- (NYSDEC-) approved February 2017 Draft Site Management Plan (SMP). A final SMP will be provided to the NYSDEC following establishment of the site's environmental easement. For reference, remedial construction was completed from July through November 2016, and post-construction monitoring was initiated in 2018.

2019 Monitoring and Sampling

Field activities associated with the 2019 monitoring and sampling consisted of the following:

- Conducting quarterly gauging to assess the presence/absence of non-aqueous phase liquid (NAPL)
- Collecting and submitting groundwater samples for laboratory analysis to assess groundwater quality
- Conducting a site-wide inspection to assess the condition and effectiveness of the site cover system

Additional monitoring and sampling activity details are presented below. Well locations are shown on Figure 1.

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ENVIRONMENT

Date:

December 23, 2019

Contact:

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B0013080 #10

Quarterly NAPL Gauging

Arcadis conducted quarterly NAPL gauging events on March 8, June 7, September 3, and December 13, 2019. Field personnel used an oil-water interface probe to determine the presence or absence of NAPL, measure the depth to groundwater, and depth to bottom of each well.

A summary of the NAPL/water level measurements from each of the 2019 gauging events is presented in Table 1. Additionally, 2018 NAPL/water level measurements are included in Table 1 for reference.

Notable observations include the following:

- Consistent with observations from the 2018 gauging events, trace amounts of NAPL were observed (as blebs on the interface probe) at NAPL monitoring well NMW08-02 during the March and June 2019 gauging events. Equipment/materials were blocking NAPL monitoring well NMW08-02 during September 2019 gauging event. In December 2019, approximately 1.75 feet of NAPL was encountered in NAPL monitoring well NMW08-02.
 - o Note that NAPL monitoring well NMW08-02 was constructed with a 2-foot sump.
 - o On December 19, 2019, Arcadis returned to the site and removed approximately 4 gallons of NAPL/water mixture (estimated 0.75 gallons of NAPL) from the well and accumulated sediment. Based on depth measurements record immediately after material removal, approximately 1 foot of sediment/NAPL was removed from the well.
- Blebs of NAPL were also observed at NAPL monitoring wells NMW16-04 and NMW16-05 during the January 2019 gauging event (considered the last 2018 gauging event); however, NAPL was not observed at these NAPL monitoring wells during the 2019 gauging events.
- Recoverable NAPL was not found in any other wells during any of the gauging events.

Groundwater Sampling

Arcadis completed the annual post-remediation groundwater sampling event from September 3 to September 5, 2019, which consisted of the following:

- Collecting a site-wide round of water-level measurements
- Gauging each monitoring well for NAPL using an interface probe
- Collecting groundwater samples from wells included in the monitoring well network (as identified in the SMP)

Field personnel used low-flow groundwater purging and sampling techniques, and submitted groundwater samples to Alpha Analytical, Inc. (Alpha) for analysis for the following:

- Benzene, toluene, ethylbenzene, and xylenes (BTEX) using United States Environmental Protection Agency (USEPA) SW-846 Method 8260C
- Polycyclic aromatic hydrocarbons (PAHs) using USEPA SW-846 Method 8270D
- Total cyanide using USEPA SW-846 method 9012B

One set of quality assurance/quality control (QA/QC) samples, including a field duplicate, matrix spike, and matrix spike duplicate was collected and submitted for laboratory analysis. Groundwater sampling logs are provided as Attachment 1.

Potentiometric Surfaces and Groundwater Flow

Groundwater elevation data are summarized in Table 1 and potentiometric surface maps for shallow and deep overburden units are presented on Figures 2 and 3, respectively. For comparison, potentiometric surface maps for water levels measured in 2009 during the Remedial Investigation (RI) and the 2018 post-construction monitoring (water levels measured January 2019) are included as Attachment 2.

The current (i.e., September 2019) shallow potentiometric surface is generally consistent with that measured during the RI and approximately 1 to 2 feet lower than that measured in January 2019. The ground surface elevation near the in-situ soil solidification (ISS) mass is approximately 430 to 431 feet above mean sea level (ft AMSL) and the top of the ISS mass has an elevation of approximately 425 ft AMSL. As expected, the water table occurs within the clean fill material immediately above the ISS mass, and shallow overburden groundwater likely flows above and around the ISS mass. Pre- and post-remediation shallow groundwater flow directions are generally consistent.

The current (i.e., September 2019) deep potentiometric surface is approximately 1 to 2 feet lower than that measured in January 2019, and 2 to 4 feet higher than that measured during the RI, but generally consistent with that observed in January 2019. As presented in the 2018 Post-Construction Monitoring Report (dated March 27, 2019), deep monitoring wells are screened at or below the bottom of the ISS mass (located at an approximate elevation of 403 ft AMSL). Given that the permeability of the ISS mass is approximately two orders of magnitude less than that of the deep soils (fine sand/silt and till), deeper groundwater near the ISS mass is inferred to flow around and beneath the ISS mass. Downgradient from the ISS mass, pre- and post-remediation deep groundwater flow directions are generally consistent.

In general, the quarterly groundwater elevation data indicates that the shallow potentiometric surface is 1 to 2 feet lower during the summer months, compared to the winter months.

Groundwater Quality

Alpha reported analytical results using NYSDEC Analytical Service Protocol (ASP) Category B data deliverables; the laboratory report is included as Attachment 3. Arcadis validated the data; a Data Usability Summary Report (DUSR) is included as Attachment 4 and validated analytical results are summarized in Table 2. Note that a single DUSR has been prepared in support of the annual groundwater sampling, as well as the emerging contaminant sampling, which were completed during the same site mobilization.

For comparison, Table 2 provides the corresponding Class GA groundwater quality standards/ guidance values presented in the NYSDEC 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). For further comparison, Table 2 includes data from the previous groundwater sampling events (completed during the 2008 RI and during the January 2019 annual monitoring event). Compared to the previous sampling events, notable analytical results for the September 2019 groundwater monitoring consist of the following:

- No new detections of BTEX or PAHs in groundwater samples collected from the monitoring wells.
 - o At monitoring well MW93-01S (located at the upgradient side of the site), PAH concentrations decreased to non-detectable concentrations (after increasing slightly in January 2019).

- o At monitoring well MW08-05D (located immediately downgradient of the ISS mass), PAH concentrations decreased to non-detectable levels.
 - o At monitoring well MW08-05S (located immediately downgradient of the ISS mass), BTEX and PAH concentrations continue to decrease.
- Regarding detected cyanide concentrations:
 - o Cyanide was detected in the samples collected at monitoring wells MW93-02S and MW08-06S (located immediately downgradient of the ISS mass), but not in January 2019. However, cyanide was detected in samples collected from these wells in 2008 and 2009.
 - o At monitoring well MW08-05D (located immediately downgradient of the ISS mass), cyanide was detected at a concentration greater than that previously detected in January 2019.
 - o Cyanide was detected in the sample collected from monitoring MW08-07S (located at the upgradient side of the site), but had not been detected previously.
 - o All detected cyanide concentrations are less than the TOGS 1.1.1 standard of 200 micrograms per liter (ug/L).

Site Inspections

Arcadis conducted site inspections to evaluate site usage, general site conditions, and the condition and continued effectiveness of the cover system, in accordance with the SMP. The September 2019 site inspection form is included as Attachment 5. Note that a new structure (i.e., utility shed and concrete pad) has been constructed in the southwest corner of the NYSEG Service Center. As the structure consists of slab-on-grade construction, intrusive activities associated with the construction of this structure were minimal.

Waste Management

Arcadis containerized and staged investigation-derived waste generated during the groundwater sampling and NAPL gauging activities in appropriately labeled NYSDOT-approved 55-gallon drums, for off-site treatment/disposal by NYSEG's waste disposal vendor.

Conclusions and Recommendations

The 2019 post-construction monitoring results are generally consistent with 2018 post-construction baseline conditions (i.e., Year 1), with the exception of the NAPL accumulation in NAPL monitoring well NMW08-02 in late 2019. Based on the 2019 post-construction monitoring results:

- Post-remediation groundwater flow directions are generally consistent with pre-remediation conditions. Groundwater at/near the ISS mass is inferred to largely flow over and around the mass.
- BTEX and PAH concentrations in groundwater downgradient of the ISS mass continue to decrease.
- Cyanide concentrations will continue to be monitored to evaluate potential post-construction concentration trends.
- Consistent with monitoring and reporting requirements presented in the SMP, NAPL gauging will continue quarterly and groundwater sampling will continue annually in 2020 (i.e., Post-Construction Year 3).

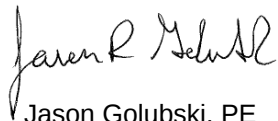
NAPL gauging activities are tentatively scheduled to be conducted in March, June, and December 2020, with groundwater sampling to be conducted in September 2020. NAPL gauging may be conducted more frequently in 2020, if recoverable quantities of NAPL are observed during the quarterly gauging events.

The post-construction monitoring activities detailed in the SMP include reducing the quarterly NAPL gauging to semi-annual NAPL gauging for Year 4 and Year 5 (i.e., 2021 and 2022). As part the 2020 Post-Construction Monitoring Report, NYSEG may request to further modify the NAPL gauging frequency, based on the results of the 2020 monitoring activities.

Please contact Tracey Blazicek of NYSEG at 585.484.6839 or tblazicek@nyseg.com with any questions or comments.

Sincerely,

Arcadis of New York, Inc.



Jason Golubski, PE
Principal Environmental Engineer

Copies:

Kristin Kulow, NYSDOH
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Jason Brien, PE, Arcadis
Keith White, PG, Arcadis

Enclosures:

Tables

- 1 NAPL Gauging and Groundwater Elevation Summary
- 2 Groundwater Sample Analytical Results Summary

Figures

- 1 Monitoring Well Plan
- 2 Shallow Potentiometric Surface Map – September 3, 2019
- 3 Deep Potentiometric Surface Map – September 3, 2019

Attachments (on Compact Disc)

- 1 Groundwater Sampling Logs
- 2 Potentiometric Surface Maps
- 3 Laboratory Analytical Report
- 4 Data Usability Summary Report
- 5 Site Inspection Form

TABLES

Table 1
NAPL Gauging and Groundwater Elevation Summary
2019 Post-Remediation Monitoring Report
Goshen Former MGP Site - Goshen, New York

Well ID / Date / TIC Elevation (feet AMSL)	Depth to Water (ft bgs)	Depth to Bottom (ft bgs)	Approximate NAPL Thickness ⁴ (feet)	Groundwater Elevation (feet amsl)
MW93-01S	435.49			
3/15/2018	5.25	22.30	0.00	430.24
6/13/2018	6.32	22.59	0.00	429.17
9/14/2018	5.25	22.60	0.00	430.24
1/7/2019	5.36	22.22	0.00	430.13
3/8/2019	5.91	22.21	0.00	429.58
6/7/2019	6.08	22.00	0.00	429.41
9/13/2019	6.30	21.90	0.00	429.19
12/13/2019	5.09	21.88	0.00	430.40
MW93-01D	435.8			
3/15/2018	8.53	36.70	0.00	427.27
6/13/2018	9.91	36.70	0.00	425.89
9/14/2018	8.50	36.65	0.00	427.30
1/7/2019	8.33	36.79	0.00	427.47
3/8/2019	9.79	36.80	0.00	426.01
6/7/2019	9.68	36.65	0.00	426.12
9/13/2019	9.72	36.86	0.00	426.08
12/13/2019	8.24	36.50	0.00	427.56
MW93-02S	429.53			
3/15/2018	NM	NM	0.00	NM
6/13/2018	NM	NM	0.00	NM
9/14/2018	8.38	22.00	0.00	421.15
1/7/2019	8.36	22.20	0.00	421.17
3/8/2019	8.42	22.15	0.00	421.11
6/7/2019	8.77	41.12	0.00	420.76
9/13/2019	9.18	21.91	0.00	420.35
12/13/2019	8.23	21.90	0.00	421.30
MW93-02D	429.52			
3/15/2018	NM	NM	0.00	NM
6/13/2018	NM	NM	0.00	NM
9/14/2018	4.11	30.90	0.00	425.41
1/7/2019	3.82	31.89	0.00	425.70
3/8/2019	5.55	31.15	0.00	423.97
6/7/2019	5.51	30.52	0.00	424.01
9/13/2019	5.12	30.86	0.00	424.40
12/13/2019	3.75	30.85	0.00	425.77
MW18-04S³	432.74			
3/15/2018	NM	NM	NM	NM
6/13/2018	NM	NM	NM	NM
9/14/2018	NM	NM	NM	NM
1/7/2019	11.40	22.52	0.00	421.34
3/8/2019	11.18	22.05	0.00	421.56
6/7/2019	11.57	21.82	0.00	421.17
9/13/2019	11.94	21.76	0.00	420.80
12/13/2019	10.66	21.80	0.00	422.08
MW18-04D³	432.61			
3/15/2018	NM	NM	NM	NM
6/13/2018	NM	NM	NM	NM
9/14/2018	NM	NM	NM	NM
1/7/2019	7.70	42.10	0.00	424.91
3/8/2019	8.76	41.62	0.00	423.85
6/7/2019	8.77	41.12	0.00	423.84
9/13/2019	8.52	41.07	0.00	424.09
12/13/2019	7.10	41.00	0.00	425.51

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MW08-05S	429.5			
3/15/2018	6.91	18.30	0.00	422.59
6/13/2018	7.30	18.28	0.00	422.20
9/14/2018	6.80	18.35	0.00	422.70
1/7/2019	7.10	18.40	0.00	422.40
3/8/2019	6.95	18.53	0.00	422.55
6/7/2019	7.20	18.50	0.00	422.30
9/13/2019	7.66	18.40	0.00	421.84
12/13/2019	6.85	18.40	0.00	422.65
MW08-05D	429.48			
3/15/2018	3.88	35.70	0.00	425.60
6/13/2018	5.42	35.75	0.00	424.06
9/14/2018	4.12	35.85	0.00	425.36
1/7/2019	3.88	36.85	0.00	425.60
3/8/2019	5.52	36.00	0.00	423.96
6/7/2019	5.51	35.63	0.00	423.97
9/13/2019	5.02	35.71	0.00	424.46
12/13/2019	3.74	35.62	0.00	425.74
MW08-06S	428.6			
3/15/2018	NM	NM	0.00	NM
6/13/2018	8.87	19.62	0.00	419.73
9/14/2018	8.32	19.70	0.00	420.28
1/7/2019	8.04	19.85	0.00	420.56
3/8/2019	8.51	19.70	0.00	420.09
6/7/2019	8.74	19.70	0.00	419.86
9/13/2019	8.76	19.75	0.00	419.84
12/13/2019	7.86	19.70	0.00	420.74
MW08-06D	428.61			
3/15/2018	NM	NM	0.00	NM
6/13/2018	4.44	39.52	0.00	424.17
9/14/2018	3.05	39.60	0.00	425.56
1/7/2019	2.81	40.13	0.00	425.80
3/8/2019	4.60	39.60	0.00	424.01
6/7/2019	4.52	40.61	0.00	424.09
9/13/2019	4.20	39.50	0.00	424.41
12/13/2019	2.75	39.66	0.00	425.86
MW08-07S	435.9			
3/15/2018	3.52	15.55	0.00	432.38
6/13/2018	6.82	15.54	0.00	429.08
9/14/2018	4.32	15.58	0.00	431.58
1/7/2019	1.59	15.61	0.00	434.31
3/8/2019	4.26	15.60	0.00	431.64
6/7/2019	6.17	15.57	0.00	429.73
9/13/2019	6.90	15.50	0.00	429.00
12/13/2019	3.61	15.57	0.00	432.29
MW08-07D	435.77			
3/15/2018	9.87	38.85	0.00	425.90
6/13/2018	11.26	38.96	0.00	424.51
9/14/2018	10.10	39.03	0.00	425.67
1/7/2019	9.65	31.15	0.00	426.12
3/8/2019	11.34	39.07	0.00	424.43
6/7/2019	11.29	38.90	0.00	424.48
9/13/2019	11.04	38.95	0.00	424.73
12/13/2019	9.53	38.90	0.00	426.24

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MW08-08S	430.61			
3/15/2018	5.93	12.25	0.00	424.68
6/13/2018	5.20	12.23	0.00	425.41
9/14/2018	4.15	12.32	0.00	426.46
1/7/2019	4.51	12.40	0.00	426.10
3/8/2019	4.85	12.50	0.00	425.76
6/7/2019	5.17	12.58	0.00	425.44
9/13/2019	4.88	12.55	0.00	425.73
12/13/2019	4.21	12.50	0.00	426.40
MW18-08D³	432.33			
3/15/2018	NM	NM	NM	NM
6/13/2018	NM	NM	NM	NM
9/14/2018	NM	NM	NM	NM
1/7/2019	6.82	37.19	NM	425.51
3/8/2019	8.47	37.00	0.00	423.86
6/7/2019	8.46	36.60	0.00	423.87
9/13/2019	8.00	36.67	0.00	424.33
12/13/2019	6.69	36.65	0.00	425.64
NMW08-02	429.99			
3/15/2018	NM	NM	0.00	NM
6/13/2018	2.49	21.53	Trace	427.50
9/14/2018	1.54	21.40	Trace	428.45
1/7/2019	1.41	19.85	0.08	428.58
3/8/2019	1.46	21.10	Trace	428.53
6/7/2019	2.01	20.79	Trace	427.98
9/13/2019	NM	NM	NM	NM
12/13/2019	1.70	20.85	1.75	428.29
12/19/2019 ⁵	6.50	21.80	0.00	423.49
NMW16-01	429.82			
3/15/2018	2.54	27.54	0.00	427.28
6/13/2018	3.63	27.55	0.00	426.19
9/14/2018	2.46	27.60	0.00	427.36
1/7/2019	2.55	28.46	0.00	427.27
3/8/2019	3.07	29.10	0.00	426.75
6/7/2019	3.25	27.80	0.00	426.57
9/13/2019	3.46	27.54	0.00	426.36
12/13/2019	2.34	27.60	0.00	427.48
NMW16-02	429.88			
3/15/2018	3.82	40.34	0.00	426.06
6/13/2018	5.24	41.52	0.00	424.64
9/14/2018	3.89	40.43	0.00	425.99
1/7/2019	3.58	41.45	0.00	426.30
3/8/2019	5.01	42.80	0.00	424.87
6/7/2019	5.17	41.00	0.00	424.71
9/13/2019	4.86	40.41	0.00	425.02
12/13/2019	3.42	40.25	0.00	426.46
NMW16-03	429.95			
3/15/2018	1.84	30.85	0.00	428.11
6/13/2018	2.56	31.40	0.00	427.39
9/14/2018	1.60	30.92	0.00	428.35
1/7/2019	1.57	31.82	0.00	428.38
3/8/2019	2.21	32.64	0.00	427.74
6/7/2019	2.28	31.16	0.00	427.67
9/13/2019	2.33	30.88	0.00	427.62
12/13/2019	1.50	31.00	0.00	428.45

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NMW16-04	430.11			
3/15/2018	2.30	32.00	0.00	427.81
6/13/2018	2.60	32.00	0.00	427.51
9/14/2018	1.55	32.05	0.00	428.56
1/7/2019	1.73	32.77	Trace	428.38
3/8/2019	2.43	34.00	0.00	427.68
6/7/2019	2.26	32.98	0.00	427.85
9/13/2019	2.32	32.00	0.00	427.79
12/13/2019	1.60	32.08	0.00	428.51
NMW16-05	430.74			
3/15/2018	3.31	31.79	0.00	427.43
6/13/2018	2.74	31.88	0.00	428.00
9/14/2018	1.50	31.86	0.00	429.24
1/7/2019	1.71	33.00	Trace	429.03
3/8/2019	2.30	33.50	0.00	428.44
6/7/2019	1.98	32.73	0.00	428.76
9/13/2019	1.92	31.78	0.00	428.82
12/13/2019	1.36	31.90	0.00	429.38

Acronyms and Abbreviations:

amsl = above mean sea level
ft = feet
NAPL = Non-Aqueous Phase Liquid
NM = not measured
TIC = top of inner casing

Notes:

1. NAPL gauging and water level data collected by Arcadis on the dates indicated.
2. Elevations are shown in feet above mean sea level (AMSL) relative to the North American Vertical Datum of 1988 (NAVD88).
3. Monitoring well installed in December 2018 to replace missing wells.
4. "Trace" indicates that NAPL blebs were observed on interface probe/tape.
5. Approximately 4 gallons of NAPL/water/sediment mixture removed from well on date indicated. DTW recorded immediately after pumping.

Table 2
Groundwater Sample Analytical Results Summary
2019 Post-Remediation Monitoring Report
Goshen Former MGP Site - Goshen, New York

Location ID: Date Collected:	NYSDEC TOGS Standards and Guidance Values ³	Units	MW93-01D			MW93-01S			MW93-02D		
			10/07/08	01/08/19	09/04/19	10/06/08	01/08/19	09/05/19	10/08/08	01/08/19	09/04/19
Volatile Organics											
Benzene	1	µg/L	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U [1.0 U]	0.50 U	1.0 U	1.0 U	0.50 U [0.50 U]
Ethylbenzene	5	µg/L	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U [1.0 U]	2.5 U	1.0 U	1.0 U	2.5 U [2.5 U]
m-Xylene & p-Xylene	5	µg/L	NA	2.0 U	2.5 U	NA	2.0 U [2.0 U]	2.5 U	NA	2.0 U	2.5 U [2.5 U]
o-Xylene	--	µg/L	NA	1.0 U	2.5 U	NA	1.0 U [1.0 U]	2.5 U	NA	1.0 U	2.5 U [2.5 U]
Toluene	5	µg/L	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U [1.0 U]	2.5 U	1.0 U	1.0 U	2.5 U [2.5 U]
Xylenes (total)	5	µg/L	3.0 U	2.0 U	2.5 U	3.0 U	2.0 U [2.0 U]	2.5 U	3.0 U	2.0 U	2.5 U [2.5 U]
Total BTEX	--	µg/L	ND	ND	ND	ND	ND [ND]	ND	ND	ND	ND [ND]
Semivolatile Organics											
Acenaphthene	20	µg/L	5.0 U	5.0 U	2.0 U	5.0 U	25 U [25 U]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Acenaphthylene	--	µg/L	5.0 U	5.0 U	2.0 U	5.0 U	2.4 J [25 U]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Anthracene	50	µg/L	5.0 U	5.0 U	2.0 U	5.0 U	1.5 J [25 U]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Benzo(a)anthracene	0.002	µg/L	5.0 U	5.0 U	2.0 U	0.60 J	8.3 J [4.8 J]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Benzo(a)pyrene	ND	µg/L	5.0 U	5.0 U	2.0 U	0.80 J	11 J [7.5 J]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Benzo(b)fluoranthene	0.002	µg/L	5.0 U	5.0 U	2.0 U	1.0 J	15 J [9.9 J]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Benzo(g,h,i)perylene	--	µg/L	5.0 U	5.0 U	2.0 U	0.70 J	8.7 J [5.6 J]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Benzo(k)fluoranthene	0.002	µg/L	5.0 U	5.0 U	2.0 U	0.50 J	6.4 J [3.9 J]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Chrysene	0.002	µg/L	5.0 U	5.0 U	2.0 U	0.50 J	8.2 J [5.4 J]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Dibenzo(a,h)anthracene	--	µg/L	5.0 U	5.0 U	2.0 U	5.0 U	2.9 J [25 U]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Fluoranthene	50	µg/L	5.0 U	5.0 U	2.0 U	0.90 J	13 J [8.3 J]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Fluorene	50	µg/L	5.0 U	5.0 U	2.0 U	5.0 U	25 U [25 U]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Indeno(1,2,3-cd)pyrene	0.002	µg/L	5.0 U	5.0 U	2.0 U	0.60 J	7.8 J [5.3 J]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Naphthalene	10	µg/L	5.0 U	5.0 U	2.0 U	5.0 U	25 U [25 U]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Phenanthrene	50	µg/L	5.0 U	5.0 U	2.0 U	5.0 U	3.2 J [25 U]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Pyrene	50	µg/L	5.0 U	5.0 U	2.0 U	0.80 J	12 J [7.3 J]	2.0 U	5.0 U	5.0 U	2.0 U [2.0 U]
Total PAHs	--	µg/L	ND	ND	ND	6.4 J	100 J [58 J]	ND	ND	ND	ND [ND]
Miscellaneous											
Cyanide	200	µg/L	10.0 U	0.0062 J	5 UB	10.0 U	0.0076 J [0.0086 J]	5 U	10.0 UJ	0.01 UF1	5 U [5 U]

See table notes on page 6

Table 2
Groundwater Sample Analytical Results Summary
2019 Post-Remediation Monitoring Report
Goshen Former MGP Site - Goshen, New York

Location ID: Date Collected:	NYSDEC TOGS Standards and Guidance Values ³	Units	MW93-02S			MW08-04D ⁵	MW18-04D		MW08-04S ⁵	MW18-04S	
			10/07/08	01/08/19	09/05/19	03/31/09	01/07/19	09/04/19	03/31/09	01/07/19	09/05/19
Volatile Organics											
Benzene	1	µg/L	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	0.50 U
Ethylbenzene	5	µg/L	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	2.5 U
m-Xylene & p-Xylene	5	µg/L	NA	2.0 U	2.5 U	NA	2.0 U	2.5 U	NA	2.0 U	2.5 U
o-Xylene	--	µg/L	NA	1.0 U	2.5 U	NA	1.0 U	2.5 U	NA	1.0 U	2.5 U
Toluene	5	µg/L	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	2.5 U
Xylenes (total)	5	µg/L	3.0 U	2.0 U	2.5 U	2.0 U	2.0 U	2.5 U	2.0 U	2.0 U	2.5 U
Total BTEX	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semivolatile Organics											
Acenaphthene	20	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Acenaphthylene	--	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Anthracene	50	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Benzo(a)anthracene	0.002	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Benzo(a)pyrene	ND	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Benzo(b)fluoranthene	0.002	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Benzo(g,h,i)perylene	--	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Benzo(k)fluoranthene	0.002	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Chrysene	0.002	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Dibenzo(a,h)anthracene	--	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Fluoranthene	50	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Fluorene	50	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	0.002	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Naphthalene	10	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Phenanthrene	50	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Pyrene	50	µg/L	5.0 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.9 U	5.0 U	2.0 U
Total PAHs	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	2.0 U
Miscellaneous											
Cyanide	200	µg/L	67.0	0.0097 J	18	28.1	0.01 U	5 U	10.0 U	0.0065 J	5 U

See table notes on page 6

Table 2
Groundwater Sample Analytical Results Summary
2019 Post-Remediation Monitoring Report
Goshen Former MGP Site - Goshen, New York

Location ID: Date Collected:	NYSDEC TOGS Standards and Guidance Values ³	Units	MW08-05D			MW08-05S			MW08-06D		
			03/31/09	01/08/19	09/03/19	04/01/09	01/09/19	09/03/19	04/01/09	01/09/19	09/03/19
Volatile Organics											
Benzene	1	µg/L	230 D [230 D]	1.0 U	0.50 U	4,900 D	690	310	1.0 U	1.0 U	0.50 U
Ethylbenzene	5	µg/L	61 [74]	1.0 U	2.5 U	360 J	57	33	1.0 U	1.0 U	2.5 U
m-Xylene & p-Xylene	5	µg/L	NA	2.0 U	2.5 U	NA	39	24	NA	2.0 U	2.5 U
o-Xylene	--	µg/L	NA	1.0 U	2.5 U	NA	29	22	NA	1.0 U	2.5 U
Toluene	5	µg/L	1.2 [1.2 J]	1.0 U	2.5 U	950 D	19	10	1.0 U	1.0 U	2.5 U
Xylenes (total)	5	µg/L	56 [57]	2.0 U	2.5 U	800 J	68	46	2.0 U	2.0 U	2.5 U
Total BTEX	--	µg/L	350 [360 J]	ND	ND	7,000 J	830	400	ND	ND	ND
Semivolatile Organics											
Acenaphthene	20	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	21	15 J	7.8	4.9 U	5.0 U	2.0 U
Acenaphthylene	--	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	38	12 J	6.5	4.9 U	5.0 U	2.0 U
Anthracene	50	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	12	7.3 J	1.8 J	4.9 U	5.0 U	2.0 U
Benzo(a)anthracene	0.002	µg/L	4.8 U [0.20 J]	5.0 U	2.0 U	0.59 J	25 U	1.6 J	4.9 U	5.0 U	2.0 U
Benzo(a)pyrene	ND	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	5.0 U	25 U	0.86 J	4.9 U	5.0 U	2.0 U
Benzo(b)fluoranthene	0.002	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	5.0 U	25 U	1.1 J	4.9 U	5.0 U	2.0 U
Benzo(g,h,i)perylene	--	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	5.0 U	25 U	0.33 J	4.9 U	5.0 U	2.0 U
Benzo(k)fluoranthene	0.002	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	5.0 U	25 U	0.44 J	4.9 U	5.0 U	2.0 U
Chrysene	0.002	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	0.40 J	25 U	1.2 J	4.9 U	5.0 U	2.0 U
Dibenzo(a,h)anthracene	--	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	5.0 U	25 U	2.0 U	4.9 U	5.0 U	2.0 U
Fluoranthene	50	µg/L	4.8 U [4.7 U]	0.42 J	2.0 U	8.4	12 J	9.5	4.9 U	5.0 U	2.0 U
Fluorene	50	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	60	38	19	4.9 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	0.002	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	5.0 U	25 U	0.47 J	4.9 U	5.0 U	2.0 U
Naphthalene	10	µg/L	6.4 [5.0]	5.0 U	2.0 U	1,600 D	67	12	0.31 J	5.0 U	2.0 U
Phenanthrene	50	µg/L	4.8 U [4.7 U]	5.0 U	2.0 U	65	31	14	4.9 U	5.0 U	2.0 U
Pyrene	50	µg/L	4.8 U [4.7 U]	0.40 J	2.0 U	6.3	7.8 J	6.1	4.9 U	5.0 U	2.0 U
Total PAHs	--	µg/L	6.4 [5.2 J]	0.82 J	ND	2,000 J	190 J	83 J	0.31 J	ND	ND
Miscellaneous											
Cyanide	200	µg/L	10.0 U [10.0 U]	0.065	52	30.6	0.038	34	10.0 U	0.01 U	5 U

See table notes on page 6

Table 2
Groundwater Sample Analytical Results Summary
2019 Post-Remediation Monitoring Report
Goshen Former MGP Site - Goshen, New York

Location ID: Date Collected:	NYSDEC TOGS Standards and Guidance Values ³	Units	MW08-06S			MW08-07D			MW08-07S		
			04/01/09	01/09/19	09/03/19	03/31/09	01/09/19	09/04/19	03/31/09	01/09/19	09/05/19
Volatile Organics											
Benzene	1	µg/L	1.3	1.0 U	0.50 U	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	0.50 U
Ethylbenzene	5	µg/L	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	2.5 U
m-Xylene & p-Xylene	5	µg/L	NA	2.0 U	2.5 U	NA	2.0 U	2.5 U	NA	2.0 U	2.5 U
o-Xylene	--	µg/L	NA	1.0 U	2.5 U	NA	1.0 U	2.5 U	NA	1.0 U	2.5 U
Toluene	5	µg/L	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	2.5 U
Xylenes (total)	5	µg/L	2.0 U	2.0 U	2.5 U	2.0 U	2.0 U	2.5 U	2.0 U	2.0 U	2.5 U
Total BTEX	--	µg/L	1.3	ND	ND	ND	ND	ND	ND	ND	ND
Semivolatile Organics											
Acenaphthene	20	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Acenaphthylene	--	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Anthracene	50	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Benzo(a)anthracene	0.002	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Benzo(a)pyrene	ND	µg/L	0.19 J	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Benzo(b)fluoranthene	0.002	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Benzo(g,h,i)perylene	--	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Benzo(k)fluoranthene	0.002	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Chrysene	0.002	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Dibenzo(a,h)anthracene	--	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Fluoranthene	50	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Fluorene	50	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Indeno(1,2,3-cd)pyrene	0.002	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Naphthalene	10	µg/L	0.40 J	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Phenanthrene	50	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Pyrene	50	µg/L	4.8 U	5.0 U	2.0 U	4.7 U	5.0 U	2.0 U	4.8 U	25 U	2.0 U
Total PAHs	--	µg/L	0.59 J	ND	ND	ND	ND	ND	ND	ND	ND
Miscellaneous											
Cyanide	200	µg/L	130	0.064	56	10.0 U	0.0059 J	5 U	10.0 U	0.012	5

See table notes on page 6

Table 2
Groundwater Sample Analytical Results Summary
2019 Post-Remediation Monitoring Report
Goshen Former MGP Site - Goshen, New York

Location ID: Date Collected:	NYSDEC TOGS Standards and Guidance Values ³	Units	MW08-08D ⁵	MW18-08D		MW08-08S		
			03/31/09	01/07/19	09/04/19	04/01/09	01/08/19	09/04/19
Volatile Organics								
Benzene	1	µg/L	1.0 U	1.0 U	0.50 U	16	32	0.50 U
Ethylbenzene	5	µg/L	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	2.5 U
m-Xylene & p-Xylene	5	µg/L	NA	2.0 U	2.5 U	NA	2.0 U	2.5 U
o-Xylene	--	µg/L	NA	1.0 U	2.5 U	NA	1.0 U	2.5 U
Toluene	5	µg/L	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	2.5 U
Xylenes (total)	5	µg/L	2.0 U	2.0 U	2.5 U	2.0 U	2.0 U	2.5 U
Total BTEX	--	µg/L	ND	ND	ND	16	32	ND
Semivolatile Organics								
Acenaphthene	20	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Acenaphthylene	--	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Anthracene	50	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Benzo(a)anthracene	0.002	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Benzo(a)pyrene	ND	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Benzo(b)fluoranthene	0.002	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Benzo(g,h,i)perylene	--	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Benzo(k)fluoranthene	0.002	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Chrysene	0.002	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Dibenzo(a,h)anthracene	--	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Fluoranthene	50	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	0.40 J	2.0 U
Fluorene	50	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	0.002	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Naphthalene	10	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Phenanthrene	50	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	5.0 U	2.0 U
Pyrene	50	µg/L	4.8 U	5.0 U	2.0 U	4.8 U	0.35 J	2.0 U
Total PAHs	--	µg/L	ND	ND	ND	ND	0.75 J	ND
Miscellaneous								
Cyanide	200	µg/L	10.0 U	0.01 U	5 U	10.0 U	0.0076 J	5 UB

See table notes on page 6

Acronyms and Abbreviations:

B - Indicates an estimated value between the instrument detection limit and the Reporting Limit (RL).
D - Compound quantitated using secondary dilution.
F1 - MS and/or MSD Recovery is outside acceptance limits.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
mg/L - milligrams per liter
NA - not analyzed
ND - Not Detected at the reporting limit (or MDL or EDL, if shown).
NYSDEC - New York State Department of Environmental Conservation
U - Indicates that the compound was analyzed for but not detected. The associated value is the Reporting Limit.
ug/L - micrograms per liter
-- Indicates that no water quality standard or guidance value is available for this compound.
[] - Results shown in brackets represent field duplicates.

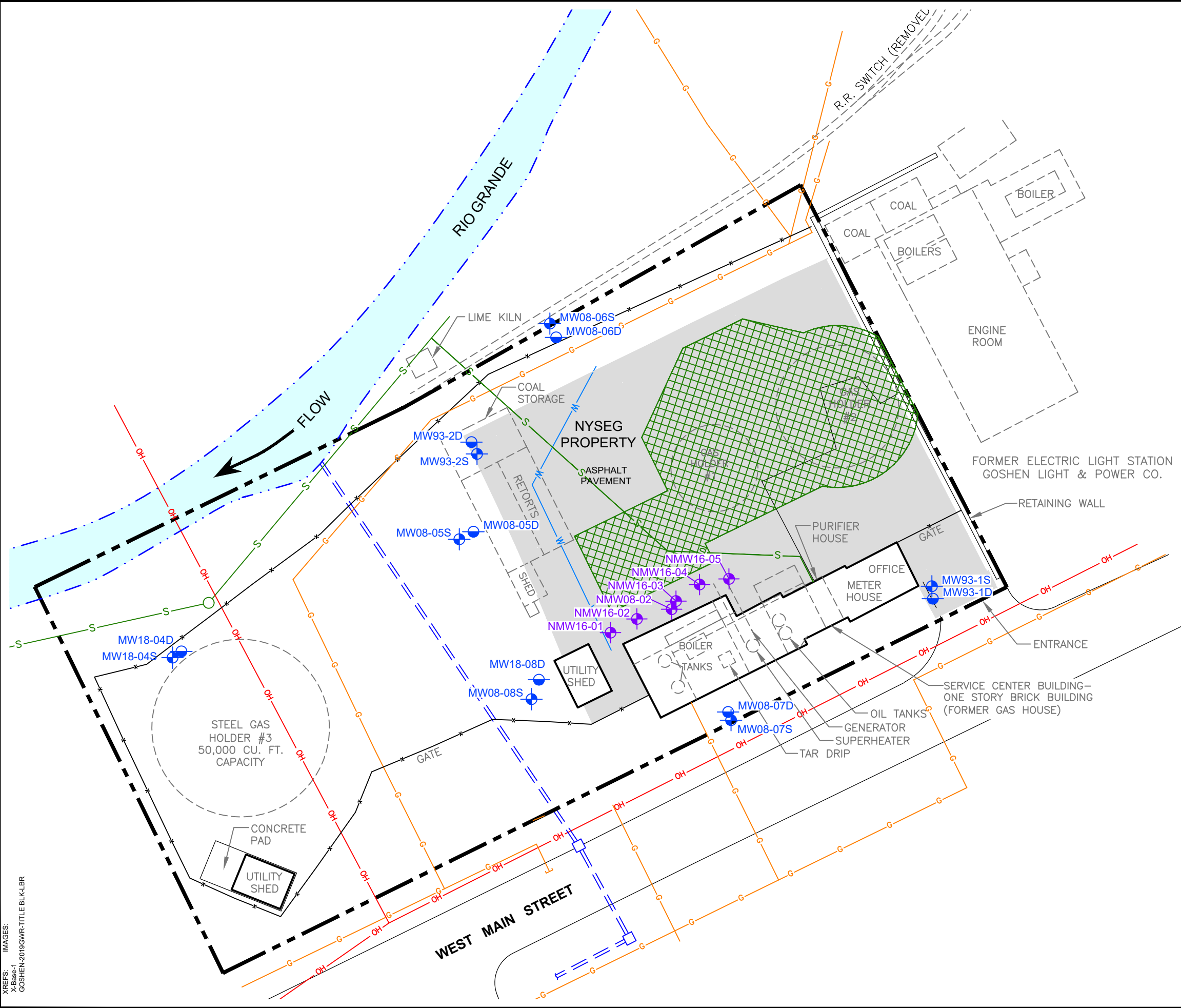
Notes:

1. Samples collected by Arcadis of New York, Inc. on the dates indicated.
2. Laboratory analysis was performed by TestAmerica of Amherst, NY (January 2019) and Alpha Analytical of Mansfield, MA (September 2019).
3. NYSDEC groundwater standards/guidance values are from the NYSDEC Division of Water, Technical and Operational Guidance Series (TOGS) document titled "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (TOGS 1.1.1) dated June 1998, revised April 2000 and June 2004
4. Bold values exceed the method detection limit. Shaded results exceed the applicable screening values.
5. Remedial Investigation analytical results from monitoring wells prior to the installation of replacement wells in December 2018.

FIGURES

CITY: SYRACUSE NY DIV/GROUP: ENVCAD DB: E. KRAHMER, K. SARTORI PIC: PM: TM: TR: JBISTROVICH LYR: CONION+ OFF=REF:
C:\Users\kennet\BIM-360\Arcadis\ANA-IBERDROLA\USA\Project Files\NYSEG Goshen GW Monitoring\2019\000338901-DWG\GOSHEN_2019GWR-Fig1-MWPlan.dwg LAYOUT: 1 SAVED: 11/24/2019 6:58 AM ACADVER: 23.05 (LMSTECH) PAGES: 1 OF 1 PLOTSTYLETABLE: PLT\FULL-240.CTB
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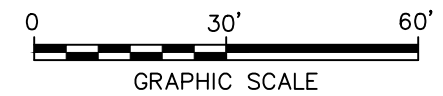
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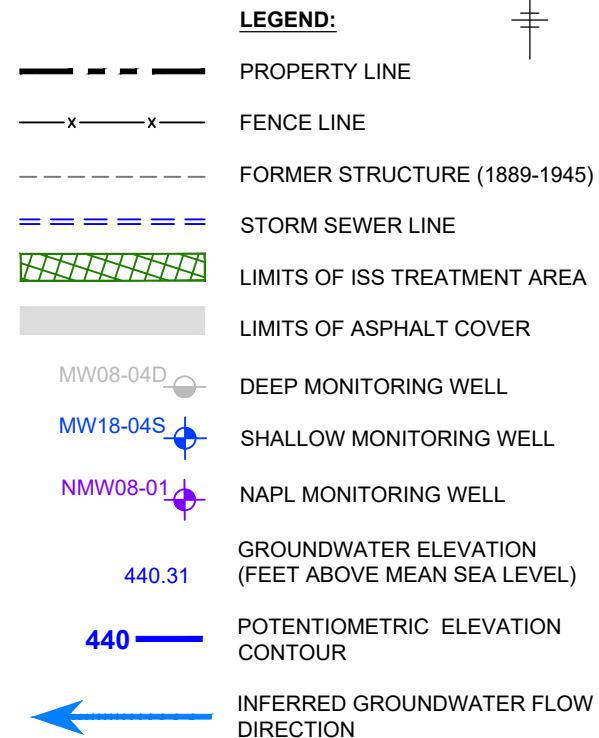
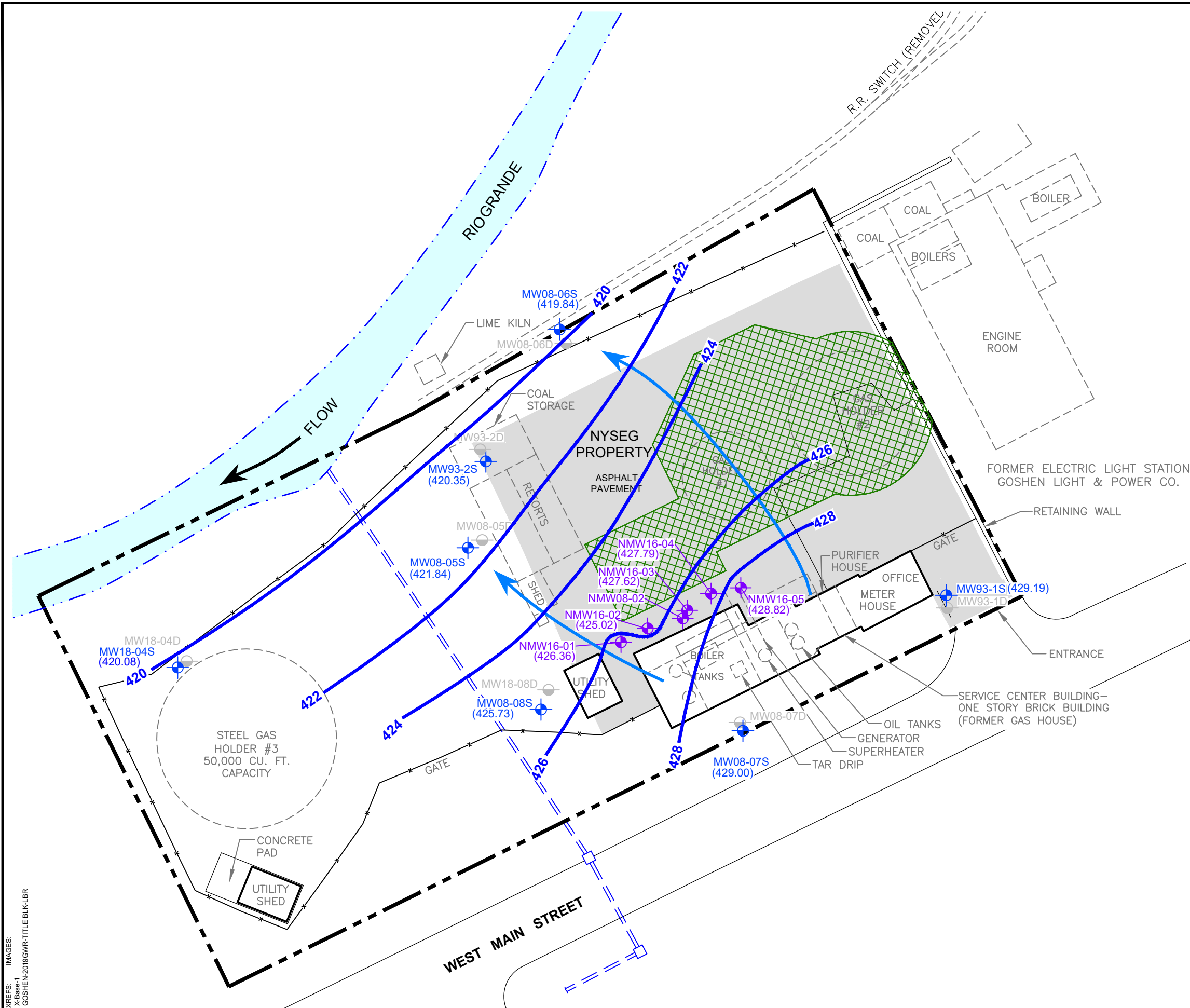
LEGEND:

	PROPERTY LINE
	FENCE LINE
	FORMER STRUCTURE (1889-1945)
	GAS LINE
	WATER LINE
	SEWER LINE
	ELECTRIC LINE
	STORM SEWER LINE
	LIMITS OF ISS TREATMENT AREA
	LIMITS OF ASPHALT COVER
	DEEP MONITORING WELL
	SHALLOW MONITORING WELL
	NAPL MONITORING WELL

- NOTES:**
1. ALL LOCATIONS ARE APPROXIMATE. UTILITY SHED LOCATIONS ARE ESTIMATED.
 2. LOCATIONS OF FORMER STRUCTURES ARE BASED ON SANBORN FIRE INSURANCE MAPS FROM 1889 THROUGH 1939.



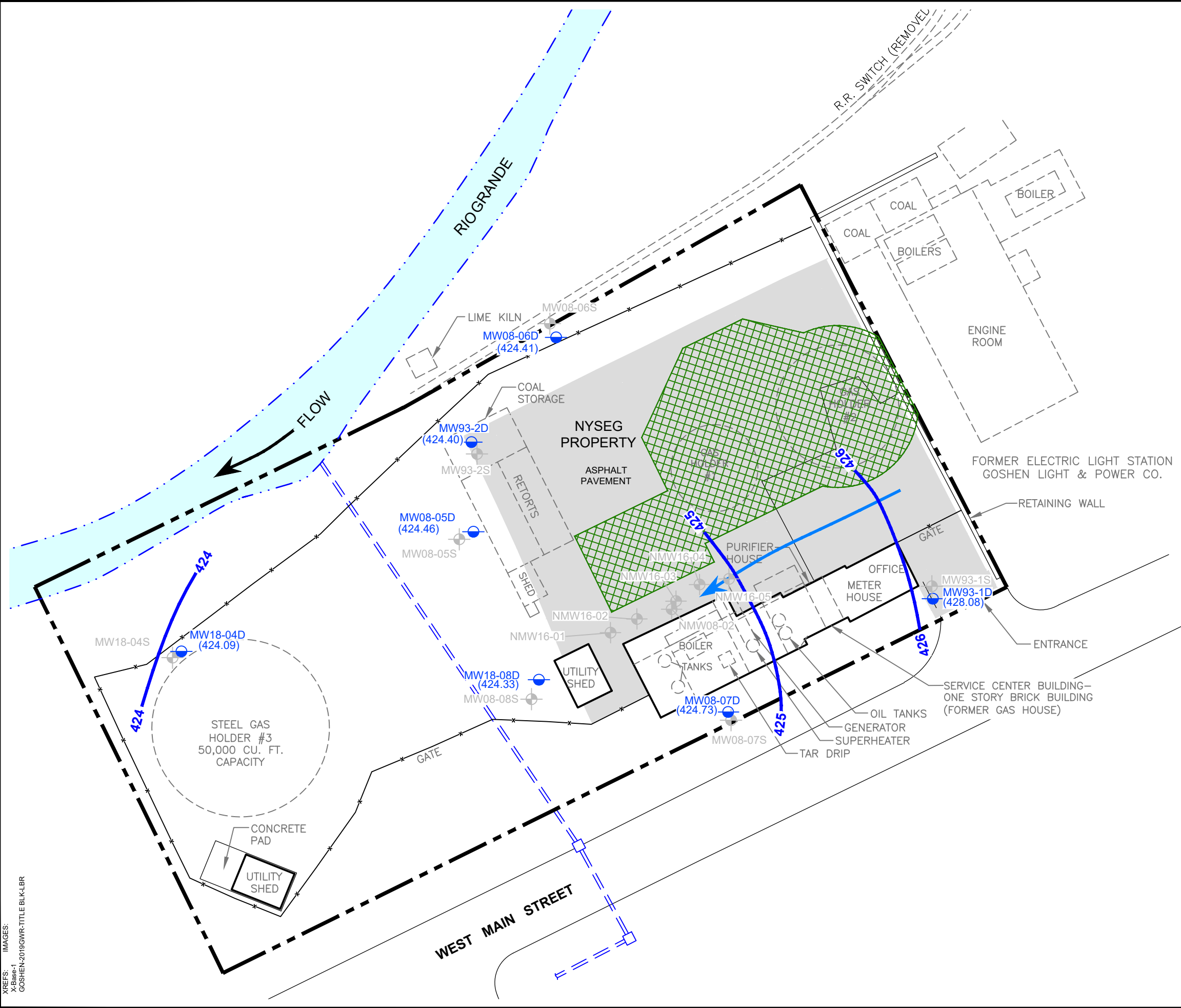
NYSEG GOSHEN FORMER MGP SITE GOSHEN, NEW YORK 2019 MONITORING REPORT	
MONITORING WELL PLAN	
ARCADIS Design & Consultancy for natural and built assets	FIGURE 1



- NOTES:**
- ALL LOCATIONS ARE APPROXIMATE. UTILITY SHED LOCATIONS ARE ESTIMATED.
 - LOCATIONS OF FORMER STRUCTURES ARE BASED ON SANBORN FIRE INSURANCE MAPS FROM 1889 THROUGH 1939.
 - GROUNDWATER ELEVATION MEASUREMENTS WERE COLLECTED ON JANUARY 7, 2019.
 - ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) 1988.
- 0 30' 60'
GRAPHIC SCALE

CITY: SYRACUSE NY DIV/GROUP: EN/CAD DB: E. KRAHMER, K SARTORI PIC: PM: TM: TR: JBISTROVICH LVR:OPTION+ OFF=REF: C:\Users\ksartori\BIM-360\Arcadis\ANA-1\BERDOLA USA\Project Files\NYSEG Goshen GW Monitoring\2019\3000338501-DWG\GOSHEN_2018GVR-Fig 3-DeepCMA-Sept2019.dwg LAYOUT: 3 SAVED: 11/25/2019 9:02 AM ACADVER: 23.05 (LMS TECH) PAGES: 3 PLOTSTYLETABLE: PLT\FULL-240.ctb PLOTTED: 11/25/2019 9:02 AM BY: SARTORI, KATHERINE

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LEGEND:

- PROPERTY LINE
- FENCE LINE
- FORMER STRUCTURE (1889-1945)
- STORM SEWER LINE
- LIMITS OF ISS TREATMENT AREA
- LIMITS OF ASPHALT COVER
- MW08-04D DEEP MONITORING WELL
- MW18-04S SHALLOW MONITORING WELL
- NMW08-01 NAPL MONITORING WELL
- 440.31 GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- 440 POTENTIOMETRIC ELEVATION CONTOUR
- INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

- ALL LOCATIONS ARE APPROXIMATE. UTILITY SHED LOCATIONS ARE ESTIMATED.
- LOCATIONS OF FORMER STRUCTURES ARE BASED ON SANBORN FIRE INSURANCE MAPS FROM 1889 THROUGH 1939.
- GROUNDWATER ELEVATION MEASUREMENTS WERE COLLECTED ON JANUARY 7, 2019.
- ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) 1988.

0 30' 60'
GRAPHIC SCALE

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GOSHEN, NEW YORK
2019 MONITORING REPORT

**DEEP POTENTIOMETRIC SURFACE
MAP - SEPTEMBER 3, 2019**

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FIGURE
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