



**Department of  
Environmental  
Conservation**

**KATHY HOCHUL**  
Governor

**AMANDA LEFTON**  
Commissioner

November 24, 2025

New York State Electric & Gas Corp. (NYSEG)  
Levia Terrell  
18 Link Drive  
Binghamton, NY 13902

Re: Site Management (SM) Periodic Review Report (PRR) Response Letter  
NYSEG - Auburn McMaster St. MGP  
Auburn, Cayuga County  
NYSDEC Site No. 706010

Dear Levia Terrell (as the Certifying Party):

The NYSDEC has reviewed your your Periodic Review Report (PRR) and IC/EC Certification for following period: May 30, 2024 to May 30, 2025.

The NYSDEC hereby accepts the PRR and associated Certification. The frequency of Periodic Reviews for this site is 1 year(s), your next PRR is due on June 29, 2026. You will receive a reminder letter and updated certification form 75-days prior to the due date. Regardless of receipt or not, of the reminder notice, the next PRR including the signed certification form, is still due on the date specified above.

The NYSDEC agrees with the recommendation to reduce the NAPL collection frequency from quarterly to semi-annually. Additionally, recommendations provided by Ramboll on behalf of NYSDEC are attached with this letter. Please incorporate these recommendation in future PRRs for this site.

If you have any questions, or need additional forms, contact me at 518-603-3163 or e-mail: [tracey.garland@dec.ny.gov](mailto:tracey.garland@dec.ny.gov).

Sincerely,

Tracey Garland  
Project Manager

ec:

Jeffrey Poulsen, Parsons (as consultant for NYSEG)  
Anne Burnham, Parsons (as consultant for NYSEG)  
Scott Tucker, Ramboll (as consultant for NYSDEC)  
Gerald Pratt, NYDEC Environmental Remediation  
Harolyn Hood, NYSDOH Bureau of Environmental Exposure Investigation  
Jenny Murtaugh, NYSDEC Fish and Wildlife

Tracey Garland, GIT  
Division of Environmental Remediation  
New York State Department of Environmental Conservation  
625 Broadway  
Albany, New York 12233-5060

Re: NYSEG Auburn McMaster Former MGP Site  
2024-2025 Periodic Review Report

Date October 3, 2025

**Dear Mr. Garland:**

Per Work Assignment D009810-42, Ramboll has reviewed the attached 2024-2025 Periodic Review Report (PRR) prepared by Parsons for the reporting period of May 30, 2024, to May 30, 2025, for the Auburn McMaster Former MGP Site No. 706010 (the Site). The review was performed to evaluate compliance with the Site Management Plan (SMP) and associated regulatory documents.

Ramboll  
333 West Washington Street  
Syracuse, NY 13202  
USA

Based on the review, Ramboll finds the 2024-2025 PRR to generally be in compliance with the SMP but would like to see revisions or clarifications to evaluate Parsons recommendations.

T 315-956-6100  
F 315-463-7554  
<https://ramboll.com>

Yours sincerely

A handwritten signature in black ink, appearing to read "Deborah Wright", is positioned above the printed name.

**Deborah Wright**  
Project Officer

D 315-956-6377  
M 315-546-4541  
[deborah.wright@ramboll.com](mailto:deborah.wright@ramboll.com)

Attachments: 1 – Report review comments  
2 – SMP compliance checklist  
3 – PRR guidance checklist  
4 – 2024-2025 PRR for the Auburn McMaster Former MGP Site,  
prepared by Parsons for NYSEG and NYSDEC, dated May 7, 2025

cc: Scott Tucker – Ramboll  
Luke Reusser – Ramboll

## Report Review Comments

Site Name: **Auburn McMaster Street Former MGP**  
 Site No.: **706010**  
 Site Owner: **NYSEG**  
 Report Title: **2024-2025 Periodic Review Report**  
 Prepared by: **Parsons**  
 Report Date: **May 7, 2025**  
 Report Type: Periodic Review Report (PRR)  
 Review By: Ramboll Americas Engineering Solutions, Inc.  
 Reviewed For: Tracy Garland, GIT, DER NYSDEC

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## Ramboll Comments

Activities conducted during the reporting period of May 30, 2024, to May 30, 2025, by Parsons and presented in the 2024 – 2025 PRR, dated May 7, 2025, are in compliance with the SMP (Parsons, 2021).

- The 2024 – 2025 PRR includes a completed Institutional and Engineering Controls Certification Form signed by Site Owner Levia Terrell and Qualified Environmental Professional Jeffrey Poulsen.
- The PRR evaluates the performance and effectiveness of the Site remedy, completion of components of the monitoring plan, and presents overall conclusions and recommendations for the reporting period.
- Refer to the SMP compliance and PRR guidance checklists below.

Analytical results for the reporting period are presented in tabular and figure form in Table 5.1, Figure 5.2, and are discussed in the text.

Historical analytical results (2021 to 2025) are presented in tabular and graphical form in Table 5.2, and in-text Figure 5.3.

Section 3.3 indicates that collection sumps CS-1 and CS-2 are installed within the NAPL trench.

- Figure 3.1 identifies the sumps in the Owasco Outlet, but not in the NAPL trench itself.

Section 5.2.1 (Cover System Inspection) identifies statistics for survival rates.

- No inspection forms or tables of data are presented to review.

Section 5.3.1 (Groundwater Monitoring Program) states that samples were collected quarterly from well MW-PAR-08 on June 5, 2024; November 13, 2024; and February 12, 2025. However, Section 5.4.3 (Groundwater Monitoring Program) states samples were collected quarterly from well MW-PAR-08 on March 6, 2024, June 5, 2024, November 13, 2024, and February 12, 2025.

- Please make the text consistent.

Section 5.3.2 (NAPL Collection Program) states that quarterly NAPL collection was performed at the two collection sumps and three NAPL collection wells with passive and active removal methods. It appears that only passive collection is employed at the site using hydrophobic absorbent socks.

- Ramboll suggests removing “active” removal methods from the text in future reports.

Section 5.3.2 (NAPL Collection Program) states that the difference between the initial mass of the absorbent socks (pre-deployment) and the final mass (following removal) was assumed to be due to NAPL absorption. This PRR does not discuss the differences in sock masses for the Site, but states that no NAPL has been observed in any of the collection wells, and no evidence of NAPL (i.e., smearing or staining) has been observed on the absorbent socks during collection events.

- Although not discussed in this PRR, Table 3 in the 2024 Annual Report for the Site lists the inferred NAPL mass/volume removed from each well based on the initial and final sock masses. In total, the table indicates that 1.98 kg (0.5 gal) of NAPL was removed from the wells in 2024.
- While the statement that no evidence of NAPL (i.e., smearing or staining) may be accurate, there are mass differences indicated in Table 3 of the 2024 Annual Report.
- Ramboll suggests providing text clarifying the difference between visual observations of NAPL and inferred mass/volume of NAPL removed from the recovery sumps/wells in future reports.
- The above clarification may affect text elsewhere in the document such as Section 5.4.5 and 5.6.

Section 5.4.3 (Groundwater Monitoring Program) states that BTEX concentrations in MW-PAR-08 appear to be trending downward in general.

- cursory review of data does not support the statement. Please provide graphical representation of the data to support the statement.

Tables 5.1 and 5.2

- O-Xylene NYSDEC Class GA value
  - Update to Class GA value of 5 µg/L
- Pyrene NYSDEC Class GA value
  - Update to Class GA value of 50 µg/L
- Both tables contain a note indicating that shading represents an exceedance of the Class GA Criteria/Standard
  - Consider revising to include guidance values

## Missing/Incomplete Components

None

## 2024 -2025 PRR Recommendations by Parsons

Parsons makes the following recommendations in the 2024 – 2025 PRR:

- No modifications to the Sitewide inspections are recommended at this time and it is recommended that inspections continue annually through 2025.

- Due to detections of contaminants of concern in collected groundwater which exceed criteria, it is recommended that groundwater sampling continues annually through 2025 for all wells and quarterly for MW-PAR-08.
- Since no evidence of NAPL has been observed in any Site collection sumps/wells during or after installation, it is recommended the NAPL collection be decreased from quarterly to semiannually.
- No changes are recommended to the frequency (annually) of PRR submittals.

## **Ramboll Recommendations**

Ramboll agrees with most of the recommendations provided by Parsons in the PRR. Specifically:

- Continue Sitewide cover system and invasive species inspections at an annual frequency through 2025.
- Continue annual groundwater sampling at all wells, and quarterly sampling at MW-PAR-08 through 2025.
- Continue annual PRR submissions through 2025.

Ramboll would like to re-evaluate the below recommendation by Parsons after receiving requested clarification on the report text.

- Reduce the frequency of NAPL collection from quarterly to semiannual.

Ramboll suggests Parsons make the requested changes and provide the additionally requested details in an updated report.

Ramboll finds the 2024 – 2035 PRR to generally be in compliance with the 2021 SMP but would like to see revisions or clarifications to evaluate the above identified Parsons recommendation.

**Auburn McMaster Street Former MGP**  
**NYSDEC Site No. 706010**  
**2021 Site Management Plan (Prepared by Parsons) Compliance Checklist**  
**For Report:**  
**2024-2025 Periodic Review Report (Prepared by Parsons)**

**RAMBOLL Recommendation**

Based on the 2021 SMP prepared by Parsons, Ramboll finds the 2024-2025 Periodic Review Report (PRR) to generally be in compliance with the SMP, and recommends that Parsons provide revisions or clarifications to evaluate the change in the frequency of NAPL collection.

**Reporting Period**

The reporting period of the 2024-2025 PRR is May 30, 2024 to May 30, 2025.

**Institutional Controls**

The property may be used for **commercial and industrial use**.

All Engineering Controls (ECs) must be operated and maintained as specified in this SMP.

All ECs must be inspected at a frequency and in a manner defined in the SMP.

The use of groundwater underlying the property is prohibited without necessary water treatment as determined by the New York State Department of Health (NYSDOH).

Groundwater monitoring must be performed as defined in this SMP.

Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP.

All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP.

Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP.

Maintenance, monitoring, inspection, and reporting of any component of the remedy shall be performed as defined in this SMP.

Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

The potential for vapor intrusion must be evaluated for any buildings developed in the area within the Institutional Control (IC) boundaries as noted in this SMP, and any potential impacts identified must be monitoring or mitigated.

Vegetable gardens and farming on the Site are prohibited.

**Engineering Controls**

**Cover System (Cap)**

- This cover system is comprised of a minimum of 12 inches of imported backfill material that meets Part 375-6.8 requirements for commercial use (See figures 2 & 4).
- EWP provided in Appendix F.

<b>NAPL Collection Trenches, Concrete Seal, and NAPL Collection Wells</b> <ul style="list-style-type: none"> <li>- A NAPL collection trench was installed at the Site and adjacent properties along the Owasco Outlet bank at and into the fractured bedrock to mitigate potential interaction between NAPL in the fractured bedrock with the overlying sediments and surface water.</li> <li>- A NAPL collection trench was installed on the south bank of the Owasco Outlet and within the outlet at the interface where excavation was completed to competent bedrock and where excavation was completed to fractured bedrock.</li> <li>- Remaining MGP-related contamination in the fractured bedrock in the Owasco Outlet channel is contained below a concrete seal coat to prevent recontamination of sediment.</li> <li>- Contaminants are expected to flow to two collection sumps installed within the NAPL collection trench where they will be removed for off-site disposal.</li> <li>- Three bedrock NAPL collection wells will be installed on the eastern portion of the south bank of the Owasco Outlet. The well depths will be approximately 20 to 25 feet, allowing the well sump to be within the competent bedrock zone and the collection to be within the fractured bedrock zone.</li> </ul>			
<b>Groundwater Monitoring</b> <ul style="list-style-type: none"> <li>- Annual groundwater monitoring will be conducted annually as summarized below, and quarterly at MW-PAR-08.</li> </ul>			
Monitoring and Sampling Plan	Frequency	Compliant	Ramboll Notes
<b>Site-Wide Inspection</b> <ul style="list-style-type: none"> <li>- Performed annually (minimum) and after severe weather conditions.</li> <li>- Site inspection form to be filled out (Appendix J).</li> </ul>	Annually	<b>Yes</b>	Site-wide inspection included cover system and vegetation inspection. <ul style="list-style-type: none"> <li>- Cover system inspection conducted on 10/3/24. No observed erosion or bare spots. 100% cover exceeding the 85% performance goal.</li> <li>- Goals of the vegetation monitoring met.</li> </ul>
<b>Invasive Species Inspection &amp; Maintenance</b> <ul style="list-style-type: none"> <li>- Starting in 2020, invasive species on the NYSDEC prohibited plant species list may occupy no more than 5% of restored area.</li> <li>- Annual vegetative survey to be conducted to determine the extent of invasive species. IS Man Plan (Appendix K).</li> </ul>	Annually (2021 to 2024)	<b>Yes</b>	Performed on 9/12/2024. <ul style="list-style-type: none"> <li>- Isolated patches of invasive Japanese knotweed identified and treated with herbicide.</li> <li>- On 10/3/24 site-wide inspection, patches of Japanese knotweed were dead with no living stems.</li> </ul>
<b>Streambank Integrity Monitoring &amp; Reporting</b> <ul style="list-style-type: none"> <li>- Beginning in 2021 and continuing until 2024, an annual erosion and vegetation integrity survey will be conducted to assess streambank integrity. If any deficiencies are found, the location and nature of the deficiency will be recorded.</li> </ul>	Annually (2021 to 2024)	No	Not addressed explicitly in the text. <ul style="list-style-type: none"> <li>- Streambank appear well vegetated in the photographic Log (Appendix D) of the 2024 OMM Annual Report for the Site.</li> </ul>
<b>Ecological Buffer Zone Monitoring &amp; Reporting</b> <ul style="list-style-type: none"> <li>- Beginning in 2021 and continuing until 2024, an annual vegetative survey will be conducted to assess the percent survival of plantings located within the ecological buffer zone. Monitoring activities will include a comprehensive vegetation plot analysis to determine whether the Site is meeting performance goal of 85 percent cover for perennial vegetative cover and a survey of percent survival of planted trees and shrubs.</li> </ul>	Annually (2021 to 2024)	<b>Yes</b>	Vegetation plots VEG-01 to VEG-05 analyzed on 10/3/24. <ul style="list-style-type: none"> <li>- The goals of the vegetation monitoring have been met and the monitoring period for this activity is concluded.</li> </ul>
<b>NAPL Monitoring and Recovery</b> <ul style="list-style-type: none"> <li>- Quarterly collection of NAPL is recommended at the Site for two years. Following two years of NAPL collection, the frequency of monitoring will be evaluated in conjunction with NYSDEC (See section 4.5 for and Appendix E for details).</li> <li>- Quarterly deployment and retrieval of hydrophilic sorbent socks.</li> <li>- CS-1 and CS-2 - Collection sumps</li> <li>- RW-1, RW-2, RW-3 - Bedrock NAPL collection wells</li> </ul>	Quarterly for 2 years  Reevaluate after	<b>Yes</b>	Absorbent socks deployed and retrieved quarterly in 2024 from the three NAPL recovery wells and two collection trench sumps. <ul style="list-style-type: none"> <li>- March, June, September &amp; November 2024.</li> <li>- No evidence of MGP contaminants in the wells or sumps.</li> <li>- Statement in text that sock weights have not increased contradicts results in Table 3 of the 2024 OMM Annual Report.</li> </ul>

<b>Groundwater Monitoring and Sampling</b> - Refer to Appendix E for details. - PFAS and 1,4-dioxane collected during initial event. - BTEX and Total PAHs Annually - 5 wells Upgradient - MW-06-09. Onsite - MW-06-10 & MW-04-06. Downgradient - MW-PAR-08 & MW-PAR-09.	Annually  MW-PAR-08 quarterly starting in Q3 of 2022	<b>Yes</b>	Water Levels gauged on 9/23/24 in OVB and BR wells. - Groundwater contours for OVB generated and GW flow inferred for bedrock included in 2024 OMM Annual Report.  Annual GW samples collected at all wells on 9/23/24.  Quarterly GW samples collected at MW-PAR-08 on 6/5/24, 9/23/24, 11/13/24, and 2/12/25.
<b>Operation and Maintenance Plan</b>			
Frequency		Compliant	Ramboll Notes
The site remedy does not rely on any mechanical systems, such as groundwater treatment systems, sub-slab depressurization systems or air sparge/soil vapor extraction systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included in the SMP.			
No maintenance was required for the cover system during the reporting period. No maintenance plan deficiencies were identified. No changes are recommended in the PRR.			
<b>Periodic Assessment/Evaluation</b>			
<b>Climate Change Vulnerability Assessment</b>			
Frequency		Compliant	Ramboll Notes
Given the location of the Site, the presence of sufficient municipal storm water collection infrastructure, control of stream flow by an upstream municipal dam, erosion-resistant design, and the lack of active remedial systems that would rely on electric power to operate, the Site is considered to have a low vulnerability to climate change effects, and therefore, vulnerability assessments are not warranted at this time.	NA	NA	Not addressed in the 2024-2025 PRR.
<b>Green Remediation Evaluation</b>			
Frequency		Compliant	Ramboll Notes
Modifications resulting from green remediation evaluations will be routinely implemented and scheduled to occur during planned/routine operation and maintenance activities. Reporting of these modifications will be presented in the PRR. If any means or methods with the potential to reduce energy consumption, resource usage, waste generation, or water usage are determined, they will be discussed in the PRR.	NA	NA	Not addressed in the 2024-2025 PRR.
<b>Remedial System Optimization</b>			
Frequency		Compliant	Ramboll Notes
Not discussed in the SMP.	NA	NA	Not addressed in the 2024-2025 PRR.
<b>Reporting Requirements</b>			
<b>Site Inspection Reporting</b>			
Frequency		Compliant	Ramboll Notes
To be included in the Annual Report.	Annually	NA	Refer to 2024 OMM Annual Report.
<b>Invasive Species Reporting</b>			
Frequency		Compliant	Ramboll Notes
To be included in the Annual Report.	Annually	NA	Refer to 2024 OMM Annual Report.
<b>Streambank Integrity Reporting</b>			
Frequency		Compliant	Ramboll Notes
To be included in the Annual Report.	Annually	NA	Refer to 2024 OMM Annual Report.
<b>Ecological Buffer Zone Reporting</b>			
Frequency		Compliant	Ramboll Notes
To be included in the Annual Report.	Annually	NA	Refer to 2024 OMM Annual Report.
<b>NAPL Monitoring &amp; Recovery Reporting</b>			
Frequency		Compliant	Ramboll Notes



To be included in the Annual Report.	Annually	NA	Refer to 2024 OMM Annual Report.
<b>Groundwater Sampling Reporting</b>			
	Frequency	Compliant	Ramboll Notes
To be included in the Annual Report.	Annually	NA	Refer to 2024 OMM Annual Report.
<b>Periodic Review Report (including cert of ECs/ICs)</b>			
	Frequency	Compliant	Ramboll Notes
<ul style="list-style-type: none"> <li>- IC/EC certification form.</li> <li>- Site Inspection results.</li> <li>- Data summary tables and graphical representations.</li> <li>- Analytical results and laboratory reports.</li> <li>- Site evaluation - Needed repairs, new observations, recommendations, trends in contaminant levels, overall performance and effectiveness of the remedy.</li> </ul>	Annually	<b>Yes</b>	<ul style="list-style-type: none"> <li>- The IC/EC certification form is completed and included as Appendix B.</li> <li>- Site inspection results are included in Section 5.</li> <li>- Data summary tables are included and cover the reporting period of this PRR and results back to October 2021. Figure 5.3 (in text) depicts BTEX results for all sampling events.</li> <li>- Laboratory results are included in the 2024 OMM Annual Report and were submitted electronically to the NYSDEC.</li> <li>- No repairs were recommended for the site.</li> </ul> <p>The following recommendation are included in the PRR:</p> <ul style="list-style-type: none"> <li>- GW sampling continue as is.</li> <li>- NAPL monitoring and recovery be reduced from quarterly to semiannually.</li> <li>- PRRs submission continue on an annual basis.</li> </ul>
<b>Corrective Measures Workplan</b>			
	Frequency	Compliant	Ramboll Notes
If any component of the remedy is found to have failed, or if the periodic certification cannot be provided due to the failure of an institutional or engineering control, a Corrective Measures Work Plan will be submitted to the NYSDEC for approval.	As Needed	NA	No corrective measures required during the reporting period.
<b>Remedial Site Optimization Report</b>			
	Frequency	Compliant	Ramboll Notes
Not discussed in the SMP.	NA	NA	NA
<b>Conclusions by Parsons</b>			
The goals of the cover system inspection and the vegetation monitoring have been met for the reporting period. No evidence of erosion of bare spot were observed on the cover system; the percent vegetation cover was 100 percent, exceeding the performance goal of 85 percent. Naturally colonizing trees far outnumber the quantity of trees originally planted in 2018.			
Isolated patches of invasive Japanese knotweed were treated with herbicide on September 12, 2024. During the vegetation inspection completed on October 3, 2024, all treated knotweed patches were dead, indicating the goals of the invasive species treatment have been met for the reporting period.			
Groundwater analytical results for MW-PAR-08 continue to exceed criteria for BTEX compounds, and to a lesser extent PAHs. Estimated concentrations of several PAHs compounds were detected in MW-06-10, but did not exceed criteria. BTEX and PAHs were non-detect in all other wells.			
No NAPL has been observed in any of the collection sumps/wells at the Site during or after installation. Additionally, no evidence of NAPL (i.e., smearing or staining) has been observed on the absorbent socks during collection events.			
<b>Recommendations by Parsons</b>			
No modifications to the Sitewide inspections are recommended at this time and it is recommended that inspections continue annually through 2025.			
Due to detections of contaminants of concern in collected groundwater which exceed criteria, it is recommended that groundwater sampling continues annually through 2025 for all wells and quarterly for MW-PAR-08.			

Since no evidence of NAPL has been observed in any Site collection sumps/wells during or after installation, it is recommended the NAPL collection be decreased from quarterly to semiannually.

No changes are recommended to the frequency (annually) of PRR submittals.

Ramboll Recommendations Checklist	Addressed by RP	Ramboll Notes
Ramboll agrees with the continuation of the groundwater sampling frequency as is through 2025.		
Ramboll would like to re-evaluate reducing the frequency of NAPL collection from quarterly to semiannually after receiving the requested clarification on the report text.		

**Auburn McMaster Street Former MGP**  
**NYSDEC Site No. 706010**  
**Periodic Review Report Guidance Checklist**  
**For Report:**  
**2024-2025 Periodic Review Report (Prepared by Parsons)**

Reporting Period		
The reporting period of the 2024-2025 Periodic Review Report (PRR) is May 30, 2024 to May 30, 2025.		
I. Executive Summary (1/2-page or less)		
	Compliant	Ramboll Notes
Executive Summary complies with 1/2 page length.	No	The PRR executive summary is one page in length but successfully and succinctly summarizes all of the guidance requirements below.
<b>A. Provide a brief summary of site, nature and extent of contamination, and remedial history.</b>	Yes	This information is provided in paragraph one.
<b>B. Effectiveness of the Remedial Program - Provide overall conclusions regarding:</b>		
1. Progress made during the reporting period toward meeting the remedial objectives for the site.	Yes	Summarizes progress made toward meeting remedial objectives.
2. The ultimate ability of the remedial program to achieve the remedial objectives for the site.	NA	Site Management only began in 2021. Too soon to be addressed directly.
<b>C. Compliance</b>		
1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).	NA	No areas of non-compliance for the Site.
2. Propose steps to be taken and a schedule to correct any areas of non-compliance.	NA	NA
<b>D. Recommendations</b>		
1. Recommend whether any changes to the SMP are needed.	No	No changes to the SMP are recommended in the PRR, however Parsons recommends reducing the frequency of NAPL collection from a quarterly to semiannually frequency.
2. Recommend any changes to the frequency for submittal of PRRs (increase, decrease).	No	To continue on an annual basis
3. Recommend whether the requirements for discontinuing site management have been met.	NA	Currently under continued site management.
II. Site Overview (1 page or less)		
	Compliant	Ramboll Notes
Site Overview complies with 1 page or less limit.	No	Section 2.0 is two pages in length, but succinctly provides the information below.
<b>A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.</b>	Yes	Sit location and features adequately described. Lists VOCs, PAHs, and NAPL as pre-remedial compounds of concern for the Site.
<b>B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.</b>	Yes	Describes the components of the remedy and the stages of implementation.
III. Evaluate Remedy Performance, Effectiveness, and Protectiveness		
	Compliant	Ramboll Notes

<b>A. Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.</b>	<b>Partially</b>	The effectiveness of the elements of the remedy are discussed. Several figures are cited, but charts are not provided until later in the PRR.
<b>IV. IC/EC Plan Compliance Report (if applicable)</b>	<b>Compliant</b>	<b>Ramboll Notes</b>
<b>A. IC/EC Requirements and Compliance</b>		
1. Describe each control, its objective, and how performance of the control is evaluated.	<b>Yes</b>	Included in Section 4.1.1 and 4.1.2.
2. Summarize the status of each goal (whether it is fully in place and its effectiveness).	<b>Yes</b>	Included in Section 4.1.3.
3. Corrective Measures: describe steps proposed to address any deficiencies in IC/ECs.	NA	No corrective measures were required during the reporting period (Section 4.1.4).
4. Conclusions and recommendations for changes.	NA	No changes were recommended (Section 4.1.5).
<b>B. IC/EC Certification</b>		
1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).	<b>Yes</b>	Included in the PRR as Appendix B.
<b>V. Monitoring Plan Compliance Report (if applicable)</b>	<b>Compliant</b>	<b>Ramboll Notes</b>
<b>A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.</b>	<b>Yes</b>	An organized table summarizing components of the Monitoring Plan is included in section 5.1.
<b>B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.</b>	<b>Yes</b>	Discussed in Sections 5.2 and 5.3.
<b>C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.</b>	<b>Yes</b>	Discussed in Section 5.4. Graphical presentation of BTEX concentrations from 2021 to 2025 conveyed in in-text Figure 5.3, and Table 5.2.
<b>D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.</b>	NA	No deficiencies were identified.
<b>E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.</b>	<b>Yes</b>	<p>Conclusions include:</p> <ul style="list-style-type: none"> <li>- The goals of the vegetative monitoring and invasive species treatment were met for the reporting period.</li> </ul> <p>Recommendations include:</p> <ul style="list-style-type: none"> <li>- Continue annual groundwater sampling at all five monitoring wells and quarterly sampling at MW-PAR-08.</li> <li>- Since no NAPL observed in any of the five collection sumps/wells, decrease the frequency of NAPL monitoring and collection from quarterly to semiannually.</li> </ul>
<b>VI. O&amp;M Plan Compliance Report (if applicable)</b>	<b>Compliant</b>	<b>Ramboll Notes</b>
<b>A. Components of O&amp;M Plan - Describe the requirements of the O&amp;M plan including required activities, frequencies, recordkeeping, etc.</b>	<b>Yes</b>	An organized table summarizing components of the Monitoring Plan is included in section 6.1.
<b>B. Summary of O&amp;M Completed During Reporting Period - Describe the O&amp;M tasks actually completed during this PRR reporting period.</b>	<b>Yes</b>	No maintenance was required for the cover system. Invasive species treatment was completed and determined to be successful.
<b>C. Evaluation of Remedial Systems - Based upon the results of the O&amp;M activities completed, evaluated the ability of each component of the remedy subject to O&amp;M requirements to perform as designed/expected.</b>	<b>Yes</b>	Remedial elements were functioning as designed during the reporting period.

<b>D. O&amp;M Deficiencies - Identify any deficiencies in complying with the O&amp;M plan during this PRR reporting period.</b>	NA	No maintenance plan deficiencies were identified.
<b>E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&amp;M for the site and identify any suggested improvements requiring changes in the O&amp;M Plan.</b>	NA	No changes to the maintenance plan are recommended.
<b>VII. Overall PRR Conclusions and Recommendations</b>		
Compliant		Ramboll Notes
<b>A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&amp;M), summarize;</b>		
1. whether all requirements of each plan were met during the reporting period.	Yes	All requirements of each plan were met during the May 30, 2024 to May 30, 2025 reporting period.
2. any requirements not met.	No	All requirements of each plan were met during the May 30, 2024 to May 30, 2025 reporting period.
3. proposed plans and a schedule for coming into full compliance.	NA	No addressed in the 2024-2025 PRR.
<b>B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.</b>	Yes	Remedial elements were functioning as designed during the reporting period; the remedy remains effective.
<b>C. Future PRR Submittals</b>		
1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).	No	No change to the frequency of PRR submittals recommended.
2. If the requirements for site closure have been achieved, contact the Department's Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.	NA	No addressed in the 2024-2025 PRR.
<b>Additional Guidance From DEC</b>		
A. Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Department's Project Manager for the site.		
B. Charts and graphs are useful to show remedial effectiveness, costs, mass removal etc., and should be used where applicable.		

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**2024 - 2025 PERIODIC REVIEW REPORT  
MCMASTER STREET FORMER MANUFACTURED GAS  
PLANT SITE**

**AUBURN, NEW YORK**

**NYSDEC SITE NUMBER: 706010**

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Prepared For:



PO Box 5524  
Binghamton, NY 13902-5224

Prepared By:



301 Plainfield Road, Suite 350  
Syracuse, New York 13212

**MAY 2025**

## CERTIFICATION STATEMENT

I, JEFFREY POULSEN, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Periodic Review Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

- a) The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department.
- b) Nothing has occurred that would impair the ability of such control to protect the public health and environment.
- c) Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control.
- d) Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control.
- e) If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for their intended purpose under the document.



JEFFREY POULSEN, PG (#000028)

MAY 7, 2025

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# LIST OF ACRONYMS

ACRONYM	Definition
AQWS	Ambient Water Quality Standards
BTEX	benzene, toluene, ethylbenzene, and xylene
EC	engineering control
EWP	Excavation Work Plan
IC	institutional control
ISS	<i>in situ</i> stabilization
MGP	Manufactured Gas Plant
NAPL	non-aqueous phase liquid
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSEG	New York State Electric and Gas
PAH	polycyclic aromatic hydrocarbon
ppm	parts per million
PRR	Periodic Review Report
RAO	Remedial Action Objective
ROD	Record of Decision
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SVOC	semivolatile organic compound
ug/L	micrograms per liter
VOC	volatile organic compound

## 1.0 EXECUTIVE SUMMARY

New York State Electric and Gas Corporation (NYSEG) entered into an Order on Consent (Index No. DO-0002-9309) with the New York State Department of Environmental Conservation (NYSDEC) in March 1994, to investigate and, where necessary, remediate 33 former Manufactured Gas Plant (MGP) sites in New York State (NYSDEC 2009). One of these sites, the McMaster Street Former MGP Site (NYSDEC Site No. 706010) (Site) is an approximately 1.2-acre property located at 30 McMaster Street in Auburn, Cayuga County, New York. Volatile organic compounds (VOCs) (benzene, toluene, ethylbenzene, and xylene [BTEX]), semivolatile organic compounds (SVOCs) (polyaromatic hydrocarbons [PAHs]), and non-aqueous phase liquid (NAPL) were identified as compounds of concern for the Site. The Site was remediated from September 2015 to December 2018 in accordance with the remedy selected by the NYSDEC in the Record of Decision (ROD) (NYSDEC 2009). In addition to the Site, adjacent off-site areas were remediated, including portions of the west-adjacent Auburn Tank & Manufacturing Company, Inc. property and the north-adjacent Owasco Outlet.

In accordance with the *Site Management Plan* (SMP; Parsons 2021), sitewide inspections and monitoring were completed at the Site for the May 30, 2024 to May 30, 2025 reporting period. Sitewide inspections included cover system (erosion and vegetation) and invasive species inspections. Sitewide monitoring included groundwater monitoring and NAPL removal.

The reporting period inspection results verified that the cover system remains compliant with the design intent. A visual erosion inspection and a comprehensive vegetative plot analysis were performed. Inspection results indicated that the cover system was intact, with no observed erosion or bare spots. Overall percent cover of seeded areas was 100 percent, exceeding the performance goal of 85 percent cover. Vegetation plots contained a high proportion of native species. The invasive species, Japanese knotweed (*Reynoutria japonica*), was found to be dead and no remaining living stems were found (October 2024), indicating that the September 2024 invasive species treatment was successful.

A network of five monitoring wells is being used for post-remedy groundwater monitoring. Groundwater samples were collected from all wells during the 2024 annual monitoring event (previous events occurred in 2021, 2022, and 2023). Samples were also collected during the reporting period quarterly from one well (MW-PAR-08, previous quarterly events occurred in 2022 (September and November), 2023 (March, May, September, October, and November), and 2024 (March). Samples were analyzed for BTEX and PAHs, and concentrations were compared to NYSDEC Class GA Ambient Water Quality Standards (AWQS). Groundwater analytical results in 2024 for BTEX exceeded criteria in one monitoring well (MW-PAR-08), with the highest detection for a single analyte as 140 micrograms per liter (ug/L) (benzene). Summed concentrations of BTEX peaked at 184.2 ug/L in MW-PAR-08; BTEX was not detected in all other wells. Groundwater analytical results for PAHs exceeded criteria in one well (MW-PAR-08), with the highest detection for a single analyte as 35 ug/L (naphthalene); PAHs were undetected in all other wells except for MW-06-10 where estimated concentrations of four compounds were found below the criterion. From 2021 to 2024, BTEX concentrations in MW-PAR-08 have fluctuated with recent decreases observed in the first and fourth quarter of 2024 and first quarter 2025.

A network of two collection sumps and three NAPL collection wells is being used for quarterly NAPL removal at the Site. NAPL removal was conducted quarterly in 2024 (May, September, and November) and 2025 (February). Previous NAPL removal occurred quarterly in 2021, 2022, and 2023. No NAPL has been observed in any Site collection sumps/wells during or after installation.

Requirements of the SMP were met during the reporting period and no changes to the SMP are recommended at this time. The institutional controls/engineering controls (IC/ECs) at the Site remain in place. Because remedial elements were functioning as designed, no maintenance or corrective actions were required during the reporting period. Since no evidence of NAPL has been observed in Site collection sumps/wells, it is

recommended that NAPL collection be decreased to occur at a semiannual frequency. No other changes to the frequency of Site management or Periodic Review Report (PRR) submittals are recommended at this time.

---

## 2.0 SITE OVERVIEW

### 2.1 Site Description

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NYSEG entered into an Order on Consent (Index No. DO-0002-9309) with the NYSDEC in March 1994, to investigate and, where necessary, remediate 33 former MGP sites in New York State (NYSDEC 2009). One of these sites, the McMaster Street Former Manufactured Gas Plant (Site) is an approximately 1.2-acre site located at 30 McMaster Street in Auburn, Cayuga County, New York (Block 1, Lot 3) (**Figure 2.1**). The Site was remediated in accordance with the remedy selected by the NYSDEC in the ROD. In addition to the Site, adjacent off-site areas were remediated, including portions of the west-adjacent Auburn Tank & Manufacturing Company, Inc. property (Block 1, Lot 2) and the north-adjacent Owasco Outlet.

The Site consists of a vacant lot covered with compacted gravel and is bounded by the Owasco Outlet and the Auburn Correctional Facility to the north, a Finger Lakes Railway railroad right-of-way to the south and east, and the Auburn Tank and Manufacturing Company, Inc. and an asphalt parking lot to the west. The Site is zoned commercial/industrial.

### 2.2 Remedial Program

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Remedial Action Objectives (RAOs) were developed for the Site with the goal of protecting both the environment and human health. VOCs (BTEX), SVOCs (PAHs), and NAPL were identified as compounds of concern for the Site. The RAOs for the Site as listed in the ROD are as follows:

#### Groundwater RAOs

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards
- Prevent contact with contaminated groundwater
- Prevent inhalation of contaminants from groundwater
- Restore the groundwater aquifer to meet ambient groundwater quality criteria to the extent practicable

#### Soil RAOs

- Prevent ingestion/direct contact with contaminated soil
- Prevent inhalation of contaminants from the soil
- Prevent migration of contaminants that would result in groundwater or surface water contamination
- Prevent impacts to biota from ingestion/direct contact with soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain

#### Sediment RAOs

- Prevent ingestion/direct contact with contaminated sediments
- Prevent impacts to biota from ingestion/direct contact with MGP-contaminated sediments causing toxicity and impacts from bioaccumulation through the aquatic food chain

#### 2.2.2 Selected Remedy

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To achieve these RAOs, the Site was remediated in accordance with the remedy selected by the NYSDEC in the ROD. The remedy consisted of the following:

1. Excavation and off-site disposal of surface and subsurface soil, structures and piping from areas where the soil contains visible tar or NAPL and/or total PAHs and BTEX at concentrations greater than the remediation criteria of 500 and 10 parts per million (ppm), respectively.

2. Stockpiling and evaluation of excavated materials below the remediation criteria for reuse as backfill. Backfill of excavation areas with suitable reuse soils and imported soil that meets NYSDEC criteria for backfill or local Site background.
3. Excavation and off-site disposal of sediments which contain NAPL, visible tar, produce a tar-related sheen when agitated in water, or which contain site-related PAH compounds that exceed background levels.
4. Restoration of the Owasco Outlet bed and banks in accordance with the requirements at Part 608 of Title 6 of the New York Codes, Rules and Regulations (NYCRR).
5. Coverage of the remediated area with at least one foot of backfill material that satisfies the soil cleanup objectives (SCOs) for commercial use underlain with a geotextile demarcation layer. Creation of an ecological buffer zone along the southern edge of the Owasco Outlet, approximately 25 feet wide measured laterally from the high water level as part of the soil cover. The top two feet of soil in this zone to consist of soils that meet the SCO for protection of ecological resources and to be vegetated.
6. Implementation of a bedrock NAPL collection program.
7. Imposition of an IC in the form of an environmental easement that requires (a) limiting the use and development of the property to commercial use, which will also permit industrial use; (b) compliance with the approved SMP; (c) restricting the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH); and (d) periodic certification of ICs and ECs.

### 2.2.3 Implementation of the Remedy

Remediation of the Site was completed from September 2015 to December 2018 in four phases and included:

1. Phase 1 – Upland Remediation to Support Utility Relocation (September 2015 to January 2016)
  - Removal of former MGP structures
  - Installation of an *in situ* stabilization (ISS) wall to provide excavation stability and minimize ground and surface water infiltration
  - Excavation of soil to bedrock at the west end of the Site
  - Excavation of portions of ISS wall
  - Replacement of existing sanitary sewer
  - Placement of backfill
2. Phase 2 – Utility Relocation (March 2016 to June 2016)
  - Relocation of the utility tower located within the limits of the former gas holder, and associated overhead lines
3. Phase 3 – Remediation of Remaining Upland Portion (February 2016 to September 2016)
  - Installation of ISS wall to provide excavation stability and minimize ground and surface water infiltration
  - Excavation of remaining upland soil, Owasco Outlet bank soil, and portions of ISS wall
  - Replacement of storm sewer
  - Placement of backfill
4. Phase 4 – Sediment Remediation and Final Site Restoration (June 2017 to December 2018)
  - Excavation of bank soil and removal of sediment from the Owasco Outlet
  - Placement of backfill
  - Restoration of the Site

## 3.0 REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

Remediation of the Site was completed from September 2015 to December 2018. The remedy was effective in achieving the RAOs as described in the ROD.

### 3.1 Excavation and Off-site Disposal

Excavation and off-site disposal were effective in meeting the Soil RAOs for the Site. Excavation was completed to the top of bedrock within an ISS wall during Phases 1 and 3 of the remedy; removal of Owasco Outlet bank material was completed during Phases 3 and 4 (**Figure 3.1**). Approximately 18,000 tons of soil containing soil containing visual tar or NAPL, and/or total PAH or BTEX concentrations greater than 500 ppm and 10 ppm, respectively, were transported off-site for treatment and/or disposal. Excavated soil that had no visible tar or NAPL and PAH and BTEX concentrations below these remediation criteria was eligible for on-site reuse as backfill. Approximately 1,700 tons of reuse-suitable soil were transported off-site for disposal due to space constraints. Following excavation, but prior to backfill, a demarcation layer was installed to mark the limit of the removal. Additionally, a demarcation layer was installed over any areas of reuse backfill material. After upland excavations were complete, portions of the ISS wall were removed to minimize the potential for groundwater mounding within the wall, approximately 700 cubic yards of the ISS wall were removed and managed consistent with excavated soil (i.e., transported off-site for disposal).

### 3.2 Cover System

Cover system installation at the Site was effective in meeting the Soil RAOs for the Site. Exposure to remaining contamination in bedrock and soil at the Site is prevented by a soil cover system. This cover system is comprised of a minimum of 12 inches of backfill that satisfied the SCOs for commercial use. Where impacted soils (i.e., NYSDEC-approved reuse material) remained on-site, a demarcation geotextile layer was placed between these materials and the clean soil cover. As a part of the cover system, an ecological buffer zone was established along the southern edge of the Owasco Outlet, approximately 25 feet wide measured laterally from the high water level. The top two feet of soil in this zone was vegetated and consisted of soils that met the SCO for protection of ecological resources. **Figure 3.1** presents the location of the cover system in relation to other remedial elements and **Figure 3.2** presents an overview of the location of the cover system and demarcation layers, where applicable.

### 3.3 NAPL Collection Program

The NAPL Collection Program is designed to achieve the Groundwater RAOs for the Site by recovering residual NAPL, or free product, to the extent practical.

During remediation, MGP-contamination was determined to exist in the fractured bedrock located in the Owasco Outlet. Where fractured bedrock was not removed, a concrete seal coat was installed to contain MGP-related contamination and to prevent recontamination of imported sediment backfill material. Below-grade NAPL collection trenches were installed on the south bank of the Owasco Outlet and also within the Owasco Outlet at the interface where excavation was completed to competent bedrock and where excavation was completed to fractured bedrock. The south bank NAPL collection trench prohibits contaminants remaining in the bedrock at the Site and the adjacent Auburn Tank property from migrating into the Owasco Outlet. The NAPL collection trench installed under the concrete seal coat within the Owasco Outlet prohibits contaminants from migrating downstream in the Owasco Outlet. The collection trenches connect at a below-grade point on the adjacent

Auburn Tank property. The location of the remaining fractured bedrock and concrete seal is indicated on **Figure 3.1**.

Two collection sumps (CS-1 and CS-2) were installed within the NAPL collection trench during remediation. Three bedrock NAPL collection wells (RW-01, RW-02, and RW-03) were installed on the eastern portion of the south bank of the Owasco Outlet from March 17, 2021, through March 26, 2021. Collection wells were installed to depths of approximately 22 to 25 feet, allowing the well sump to be within the competent bedrock zone and the collection to be within the fractured bedrock zone. Collection sump and NAPL collection well locations are presented on **Figure 3.1**.

Periodic NAPL monitoring was conducted to facilitate passive recovery of NAPL in bedrock in accordance with the NYSDEC-approved *NAPL Collection Well Installation Plan and Groundwater Monitoring Memorandum* (Parsons 2020). NAPL removal was recommended to be conducted on a quarterly basis for a minimum of two years, continuing until negligible quantities (i.e., less than 0.01 gallons) of NAPL are recovered for three successive collection events (quarters) for each well. Following two years of NAPL collection, the frequency of monitoring will be evaluated in conjunction with NYSDEC to either increase, decrease, or remain the same depending on the amount of NAPL being collected.

### 3.4 Sediment Removal

---

Sediment removal at the Site was effective in achieving the Sediment RAOs for the Site. Sediment removal was conducted in the Owasco Outlet during Phase 4 of remedy implementation and was completed to the surface of bedrock. Approximately 9,100 tons of sediment were transported off-site for treatment and/or disposal. In accordance with the ROD, all sediment containing NAPL, visible tar, producing a tar-related sheen when agitated in water, or containing Site-related PAH compounds that exceeded background levels (i.e., 208 ppm adjacent to and downstream of the Site) was removed from the Owasco Outlet adjacent to and downstream of the Site. Since no contamination remains in Owasco Outlet sediment, sediment RAOs for the Site were met by the remedy.

### 3.5 Owasco Outlet Restoration

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Restoration measures in and along the Owasco Outlet were completed in accordance with 6 NYCRR 608. Disturbed channel was backfilled with stone to pre-construction grades and disturbed bank was backfilled and reconstructed following excavation activities. As a part of the cover system, an ecological buffer zone was established along the southern edge of the Owasco Outlet, approximately 25 feet wide measured laterally from the high-water level. The top two feet of soil in this zone was vegetated and consisted of soils that met the SCO for protection of ecological resources. The topsoil on the channel banks was seeded and planted with trees and shrubs.

### 3.6 Institutional Controls/Engineering Controls

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An IC, in the form of an environmental easement, was established for the Site to (1) implement, maintain, and monitor EC systems; (2) prevent future exposure to remaining contamination; (3) limit the use and development of the Site to commercial and industrial uses; and (4) restrict the use of groundwater at the Site as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH. The environmental easement for the Site was executed by the NYSDEC on August 18, 2020 and filed with the Cayuga County Clerk on September 3, 2020 (**Appendix A**).



## 4.0 INSTITUTIONAL CONTROLS/ENGINEERING CONTROLS PLAN COMPLIANCE

### 4.1 Institutional Controls/Engineering Controls Requirements and Compliance

Since remaining contamination exists at the Site, ICs and ECs are required. Based on the findings of the May 30, 2024 to May 30, 2025 reporting period, the Site ICs/ECs remain in place.

#### 4.1.1 Institutional Controls

An IC, in the form of an environmental easement, was established for the Site to (1) implement, maintain, and monitor EC systems; (2) prevent future exposure to remaining contamination; (3) limit the use and development of the Site to commercial and industrial uses; and (4) restrict the use of groundwater at the Site as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH.

The environmental easement for the Site was executed by the NYSDEC on August 18, 2020 and filed with the Cayuga County Clerk on September 3, 2020. The receipt number for this filing is 2020242965, deed number 2020-197720. A copy of the easement and proof of filing is provided in **Appendix A**.

#### 4.1.2 Engineering Controls

ECs are provided by three components: a cover system, monitoring well network, and NAPL recovery well network.

Exposure to remaining contamination in bedrock and soil at the Site is prevented by a soil cover system. This cover system is comprised of a minimum of 12 inches of backfill that satisfied the SCOs for commercial use. Where impacted soils (i.e., NYSDEC-approved reuse material) remain on-site, a demarcation geotextile layer was placed between these materials and the clean soil cover. As a part of the cover system, an ecological buffer zone was established along the southern edge of the Owasco Outlet, approximately 25 feet wide measured laterally from the high-water level. The top two feet of soil in this zone is vegetated and consists of soils that meet the SCO for protection of ecological resources. **Figure 3.1** presents the location of the cover system in relation to other remedial elements and **Figure 3.2** presents an overview of the location of the cover system and demarcation layers, where applicable.

Procedures that must be implemented in the event the cover system is breached, penetrated, or temporarily removed, and any underlying remaining contamination is disturbed are provided in the Excavation Work Plan (EWP) presented in Appendix F of the SMP (Parsons 2021). Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the Site and provided in Appendices G and H of the SMP, respectively.

A network of five monitoring wells is being used for annual groundwater monitoring at the Site (MW-04-06, MW-06-09, MW-06-10, MW-PAR-08, and MW-PAR-09). MW-06-09 is located at the southeastern border of the Site and serves as an upgradient monitoring well. MW-PAR-08 and MW-PAR-09 were installed along the southern bank of the Owasco Outlet in 2021 to supplement the pre-existing well network. **Figure 3.1** presents the location of the monitoring well network. Groundwater samples are collected annually from four of the monitoring wells and quarterly from MW-PAR-08. The groundwater samples are analyzed for BTEX and PAHs.

The NAPL Collection Program is designed to recover residual NAPL, or free product, to the extent practicable. During remediation, below grade NAPL collection trenches were installed on the south bank of the Owasco Outlet and also within the Owasco Outlet at the interface where excavation was completed to competent bedrock and where excavation was completed to fractured bedrock. The collection trenches connect at a below-grade point on the adjacent Auburn Tank property. Two collection sumps (CS-1 and CS-1) were installed within the NAPL collection trench during remediation. Three bedrock NAPL collection wells (RW-01, RW-02, and RW-03) were installed on the eastern portion of the south bank of the Owasco Outlet. The location of the concrete seal and collection sump and NAPL collection well locations are presented on **Figure 3.1**.

Periodic NAPL monitoring is conducted on a quarterly basis (for a minimum of two years) to facilitate passive recovery of NAPL in bedrock. NAPL removal was recommended to be conducted, continuing until negligible quantities (i.e., less than 0.01 gallons) of NAPL are recovered for three successive collection events (quarters) for each well. Following two years of NAPL collection, the frequency of monitoring will be evaluated in conjunction with NYSDEC to either increase, decrease, or remain the same depending on the amount of NAPL being collected.

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### 4.1.3 Status of Institutional Controls/Engineering Controls

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An IC, in the form of an environmental easement, was executed by the NYSDEC on August 18, 2020 and filed with the Cayuga County Clerk on September 3, 2020 (**Appendix A**). The Site IC remains in place.

Based on the findings of the May 30, 2024 to May 30, 2025 reporting period, the Site ECs remain in place and are meeting the intent of the remedy.

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### 4.1.4 Corrective Measures

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No corrective measures were required for the ICs/ECs based on the findings of the May 30, 2024 to May 30, 2025 reporting period.

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### 4.1.5 Conclusions and Recommendations

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No deficiencies in the ICs/ECs were identified during the May 30, 2024 to May 30, 2025 reporting period; therefore, no changes to ICs/ECs are recommended.

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## 4.2 Institutional Controls/Engineering Controls Certification

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Certification of the ICs/ECs is provided on the NYSDEC Site Management PRR Notice IC/ECs Certification Form (**Appendix B**).

## 5.0 MONITORING PLAN COMPLIANCE REPORT

### 5.1 Components of the Monitoring Plan

As specified in the SMP, sitewide inspections and monitoring will be performed at a minimum of once per year. The following table summarizes the inspection, monitoring, and reporting activities required by the SMP (Parsons 2021).

<b>Inspections:</b> <ol style="list-style-type: none"> <li>1. Cover Inspection</li> <li>2. Invasive Species Inspection</li> </ol>	<b>Frequency:</b> <ol style="list-style-type: none"> <li>1. Annually</li> <li>2. Annually</li> </ol>
<b>Monitoring:</b> <ol style="list-style-type: none"> <li>1. Groundwater Monitoring Program</li> <li>2. NAPL Collection Program</li> </ol>	<b>Frequency:</b> <ol style="list-style-type: none"> <li>1. Annually</li> <li>2. Quarterly/ As needed</li> </ol>
<b>Reporting:</b> <ol style="list-style-type: none"> <li>1. Groundwater Monitoring Report</li> <li>2. NAPL Collection Report</li> <li>3. Periodic Review Report</li> </ol>	<b>Frequency:</b> <ol style="list-style-type: none"> <li>1. Annually</li> <li>2. Quarterly/ As needed</li> <li>3. Annually</li> </ol>

### 5.2 Inspections Completed During Reporting Period

Inspections were completed at the Site during the May 30, 2024 to May 30, 2025 reporting period and included cover system and invasive species inspections. No severe conditions were recorded during the reporting period; therefore, no severe conditions inspections were completed.

#### 5.2.1 Cover System Inspection

In accordance with the SMP, a cover system inspection (erosion and vegetation) was performed on October 3, 2024 to assess cover system condition and effectiveness. The reporting period inspection results verified that the cover system remains compliant with the design intent. A visual erosion inspection and a comprehensive vegetative plot analysis were performed. The visual erosion inspection results indicated that the cover system was intact, with no observed erosion or bare spots. The vegetation inspection indicated that overall percent cover of seeded areas was 100 percent, exceeding the performance goal of 85 percent cover.

Five 1-square-meter plots were selected across the Site to represent the typical Site plant community as accurately as possible (**Figure 5.1**). Regular mowing has occurred over three plots (VEG-01, VEG-02, and VEG-03), which has reduced native species diversity, favoring turf grasses (*Poa* sp.), low weeds (English plantain [*Plantago lanceolata*], and black medic [*Medicago lupulina*]). Two plots (VEG-04 and VEG-05) contained a higher proportion of native species including switchgrass (*Panicum virgatum*), flat-topped goldenrod (*Euthamia graminifolia*), and staghorn sumac (*Rhus typhina*).

Trees and shrubs that were planted at the conclusion of the remedy as a part of Site restoration (2018) were inventoried to inform survival rates. In 2024, 36 percent of planted shrubs were found surviving on-site. Based on Site conditions and typical outcomes for small potted woody plantings, this rate of survival is consistent with expectations. Additionally, mowing activities have reduced survival among planted shrubs in the mowed areas. Red chokeberry (*Aronia arbutifolia*) had the highest rate of survival at 53 percent and speckled alder (*Alnus incana* ssp. *rugosa*) had the lowest rate of survival at zero percent. Of the trees planted in 2018, 60 percent of

silver maple (*Acer saccharinum*), 20 percent of black willow (*Salix nigra*), and zero percent of red maple (*Acer rubrum*) were found surviving on site in 2024. In 2018, five cottonwoods (*Populus deltoides*) were planted on site. However, due to the presence of numerous naturally colonized cottonwoods which far exceed the number planted in 2018, it was difficult to determine what was planted and what has naturally colonized. Two other early successional tree species, box elder (*Acer negundo*) and staghorn sumac (*Rhus typhina*), have also colonized the Site. Overall, the naturally colonizing species combined with the surviving planted species far outnumber the quantity of trees originally planted in 2018. In accordance with the SMP, the goals of vegetation monitoring have been met and the monitoring period for this activity is concluded.

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### 5.2.2 Invasive Species Inspection

An invasive species inspection was performed on September 12, 2024. Isolated patches of Japanese knotweed were identified and treated with herbicide by Licensed Pesticide Applicators (**Figure 5.1**). During the vegetation inspection completed October 3, 2024, it was noted that the treated patches of Japanese knotweed were dead and no remaining living stems were found. In accordance with the SMP, the goals of invasive species treatment have been met and the monitoring period for this activity is concluded.

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## 5.3 Monitoring Completed During Reporting Period

Monitoring was completed at the Site during the May 30, 2024 to May 30, 2025 reporting period and included groundwater monitoring and NAPL removal.

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### 5.3.1 Groundwater Monitoring Program

A network of five monitoring wells is being used for annual groundwater monitoring at the Site (MW-04-06, MW-06-09, MW-06-10, MW-PAR-08, and MW-PAR-09). MW-06-09 is located at the southeastern border of the Site and serves as an upgradient monitoring well. MW-PAR-08 and MW-PAR-09 were installed along the southern bank of the Owasco Outlet in 2021 to supplement the pre-existing well network. Groundwater samples are collected annually from five of the monitoring wells and quarterly from MW-PAR-08. Groundwater samples were analyzed for BTEX and PAHs.

Groundwater samples were collected from wells MW-04-06, MW-06-09, MW-06-10, MW-PAR-08, and MW-PAR-09 during the September 23, 2024 annual monitoring event. Additionally, samples were collected quarterly from well MW-PAR-08 on June 5, 2024; November 13, 2024; and February 12, 2025, as recommended in the *McMaster Street Former MGP Site – Quarterly NAPL Monitoring and Annual Sampling Update* for the 2021 (Parsons 2022), 2022 (Parsons 2023), 2023 (Parsons 2024), and 2024 (Parsons 2025) reporting periods. Groundwater samples were analyzed for BTEX and PAHs. BTEX and PAH concentrations were compared to NYSDEC Class GA AWQS, which are listed in the Division of Water Technical and Operational Guidance Series (1.1.1). The NYSDEC Class GA AWQS are referred to as “criteria” in the following paragraphs.

Groundwater analytical results in 2024 for BTEX exceeded criteria in MW-PAR-08 with the highest detection for a single BTEX analyte of 140 ug/L (benzene). The summed concentrations of BTEX peaked at 184.2 ug/L in MW-PAR-08 (September 2024). BTEX concentrations in MW-04-06, MW 06-09, MW-06-10, and MW-PAR-09 were below detection limits.

Groundwater analytical results for PAHs exceeded criteria in MW-PAR-08 with the highest detection for a single PAH analyte of 35 ug/L (naphthalene). PAH concentrations in MW-04-06, MW 06-09, MW-06-10, and MW-PAR-09 were below detection limits, except for MW-06-10 where estimated concentrations of four PAHs were identified below criterion.

Analytical results of BTEX and PAHs for each monitoring well are presented in **Table 5.1** and on **Figure 5.2**.

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### 5.3.2 NAPL Collection Program

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A network of two collection sumps and three NAPL collection wells is being used for quarterly NAPL removal at the Site. NAPL collection wells are presented on **Figure 3.1**. NAPL removal was conducted in 2024 (March, June, September, and November) and 2025 (February) and was performed using a combination of passive and active removal methods.

The passive removal method consisted of deploying hydrophobic absorbent socks in the recovery wells and allowing the socks to absorb NAPL between removal events. This method was implemented in wells where there was not enough accumulated NAPL to collect using active methods. Absorbent socks were deployed in the bottom 24 inches of all collection wells during the NAPL removal events. The mass of each sock was measured prior to deployment, and again following removal. The difference between the initial mass and final mass was assumed to be due to NAPL absorption because of the hydrophobic nature of the absorbent material.

No NAPL has been observed in any of the collection wells at the Site during or after installation. Additionally, no evidence of NAPL (i.e., smearing or staining) has been observed on the absorbent socks during collection events.

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## 5.4 Comparison with Remedial Objectives

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### 5.4.1 Cover System

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The May 30, 2024 to May 30, 2025 reporting period inspection results verified that the cover system remains in place, with no observed erosion or bare spots. The vegetation inspection indicated that overall percent cover of seeded areas was 100 percent, exceeding the performance goal of 85 percent cover. This EC was functioning as designed to prevent contact with and migration of contaminated media.

### 5.4.2 Invasive Species

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Few individuals of Japanese knotweed were observed during the May 30, 2024 to May 30, 2025 reporting period. The isolated patches of Japanese knotweed (*Reynoutria japonica*) were treated in September 2024 and were found to be dead with no remaining living stems during the October monitoring. This indicates that invasive species control efforts have been effective in reducing invasive species on the Site. This element was functioning as designed to minimize establishment of invasive species.

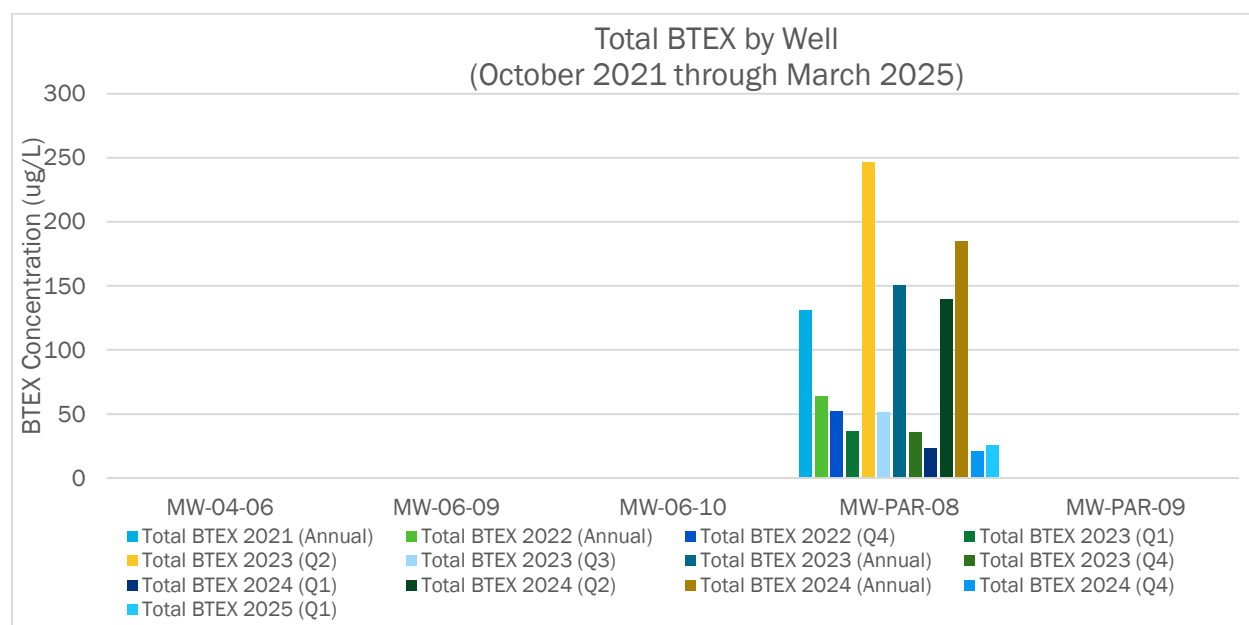
### 5.4.3 Groundwater Monitoring Program

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Groundwater samples were collected from wells MW-04-06, MW-06-09, MW-06-10, MW-PAR-08, and MW-PAR-09 on October 1, 2021, September 21, 2022, October 16 and 17, 2023, and September 23, 2024. Additionally, samples were collected quarterly from well MW-PAR-08 on March 6, 2024, June 5, 2024, November 13, 2024, and February 12, 2025, as recommended in the *McMaster Street Former MGP Site – Quarterly NAPL Monitoring and Annual Sampling Update* for the 2021 (Parsons 2022), 2022 (Parsons 2023), and 2023 (Parsons 2024) reporting periods.

BTEX concentrations were undetected in all wells except for MW-PAR-08, which have fluctuated. BTEX concentrations in MW-PAR-08 decreased for the first four sampling events but rebounded in the second quarter of 2023. However, BTEX concentrations in MW-PAR-08 appear to be trending downward in general, with recent decreases observed in the fourth quarter of 2024 and first quarter of 2025, subject to seasonal rebound.

Analytical results of BTEX and PAHs for each monitoring well for all sampling events (October 2021 through March 2025) are presented in **Table 5.2**, and a graphical representation of total BTEX concentrations is provided in **Figure 5.3** below.



**Figure 5.3. Total BTEX Concentration by Monitoring Well – October 2021 through March 2025**  
(Note – not detected concentrations of BTEX not represented in Figure)

#### 5.4.5 NAPL Collection Program

NAPL removal was conducted at the Site in 2021 (August, October, and November), 2022 (January, May, September, and November), 2023 (March, May, September, and November), 2024 (March, June, September, November), and 2025 (February). Consistent with the RAO to restore the groundwater aquifer to meet NYSDEC Class GA AWQS criteria to the extent practicable, no NAPL has been observed in any of the collection wells at the Site during or after installation. Additionally, no evidence of NAPL (i.e., smearing or staining) has been observed on the absorbent socks during collection events.

### 5.5 Inspection and Monitoring Deficiencies

Sitewide inspections and monitoring completed during the May 30, 2024 to May 30, 2025 reporting period complied with the inspection and monitoring plan as outlined in the SMP; therefore, no deficiencies were identified.

### 5.6 Conclusions and Recommendations for Changes

The reporting period inspection results verified that the cover system remains compliant with the design intent. A visual erosion inspection and a comprehensive vegetative plot analysis were performed. Inspection results indicated that the cover system was intact, with no observed erosion or bare spots. Overall percent cover of seeded areas was 100 percent, exceeding the performance goal of 85 percent cover. Vegetation plots contained a high proportion of native species. The invasive species, Japanese knotweed, was identified in isolated patches

and treated with herbicide by Licensed Pesticide Applicators (**Figure 5.1**). During the vegetation inspection completed October 3, 2024, it was noted that the treated patches of Japanese knotweed were dead and no remaining living stems were found, indicating that the 2024 invasive species treatment was successful. No modifications to the Sitewide inspections are recommended at this time. In accordance with the SMP, the goals of vegetation monitoring and invasive species treatment have been met and the monitoring period for these activities is concluded.

A network of five monitoring wells is being used for post-remedy groundwater monitoring. Groundwater samples were collected from all wells during the 2024 annual monitoring event (previous events occurred in 2021, 2022, and 2023). Samples were also collected during the reporting period quarterly from one well (MW-PAR-08, previous quarterly event occurred in 2022, 2023, and 2024). Samples were analyzed for BTEX and PAHs, and concentrations were compared to AWQS. Groundwater analytical results in 2024 for BTEX exceeded criteria in one monitoring well (MW-PAR-08), with the highest detection for a single analyte as 140 ug/L (benzene). Summed concentrations of BTEX peaked at 184.2 ug/L in MW-PAR-08; BTEX was undetected in all other wells. Groundwater analytical results for PAHs exceeded criteria in one well (MW-PAR-08), with the highest detection for a single analyte as 35 ug/L (naphthalene); PAHs were undetected in all other wells, except for MW-06-10 which found four PAHs at estimated concentrations below the criterion. From 2021 to 2024, BTEX concentrations have typically been higher in second and third quarters and lower in the fourth and first quarters, see the recent decreases observed in the fourth quarter of 2024 and first quarter of 2025 as an example. Due to detections of contaminants of concern in collected groundwater which exceed criteria, it is recommended that groundwater sampling continues annually through 2025 for all wells and quarterly for MW-PAR-08.

A network of two collection sumps and three NAPL collection wells are being used for quarterly NAPL removal at the Site. NAPL removal was conducted quarterly in 2024 (June, September, and November), and 2025 (February). Previous NAPL removal occurred quarterly in 2021 through March 2024. Since no evidence of NAPL has been observed in any Site collection sumps/wells during or after installation, it is recommended that NAPL collection be decreased to occur at a semiannual frequency.



## 6.0 MAINTENANCE PLAN COMPLIANCE REPORT

### 6.1 Components of the Maintenance Plan

As specified in the SMP, sitewide maintenance must be performed on an as needed basis. The following table summarizes the maintenance and reporting activities required by the SMP (Parsons 2021).

Maintenance: <ol style="list-style-type: none"><li>1. Cover System</li><li>2. Invasive Species Removal</li></ol>	Frequency: <ol style="list-style-type: none"><li>1. As needed</li><li>2. As needed</li></ol>
Reporting: <ol style="list-style-type: none"><li>1. Groundwater Monitoring Report</li><li>2. NAPL Collection Report</li><li>3. Periodic Review Report</li></ol>	Frequency: <ol style="list-style-type: none"><li>1. Annually</li><li>2. Quarterly/As needed</li><li>3. Annually</li></ol>

### 6.2 Maintenance Completed During Reporting Period

Based on the results of the cover system and invasive species inspections performed at the Site during the May 30, 2024 to May 30, 2025 reporting period, no maintenance was required for the cover system. Invasive species treatment was completed and was determined to be successful.

### 6.3 Comparison with Remedial Objectives

Based on the results of the cover system and invasive species inspections performed during the May 30, 2024 to May 30, 2025 reporting period, these remedial elements were functioning as designed.

### 6.4 Maintenance Plan Deficiencies

No maintenance was required during the May 30, 2024 to May 30, 2025 reporting period. No maintenance plan deficiencies were identified.

### 6.5 Conclusions and Recommendations for Changes

The maintenance plan is functioning as intended by the SMP; therefore, no changes to the maintenance plan are recommended at this time.



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## 7.0 CONCLUSIONS AND RECOMMENDATIONS

### 7.1 Compliance with SMP

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Requirements of the SMP were met during the May 30, 2024 to May 30, 2025 reporting period. In accordance with the SMP, sitewide inspections and monitoring was completed at the Site for the reporting period. Inspections included cover system (erosion and vegetation) and invasive species inspections. Sitewide monitoring included groundwater monitoring and NAPL removal. Data was submitted electronically to the NYSDEC in accordance with SMP requirements.

Because remedial elements and ECs were functioning as designed, no maintenance was required during the reporting period. The ICs/ECs for the Site were in place during the reporting period.

### 7.2 Performance and Effectiveness of Remedy

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The reporting period inspection results verified that the cover system remains compliant with the design intent. A visual erosion inspection and a comprehensive vegetative plot analysis were performed. Inspection results indicated that the cover system was intact, with no observed erosion or bare spots. Overall percent cover of seeded areas was 100 percent, exceeding the performance goal of 85 percent cover. Vegetation plots contained a high proportion of native species. The invasive species, Japanese knotweed, was found to be dead with no remaining living stems after treatment, indicating that the 2024 invasive species treatment was successful. No modifications to the Sitewide inspections are recommended at this time and it is recommended that inspections continue annually through 2025.

A network of five monitoring wells is being used for post-remedy groundwater monitoring. Groundwater samples were collected from all wells during the 2024 annual monitoring event (previous events occurred in 2021, 2022, and 2023). Samples were also collected during the reporting period quarterly from one well (MW-PAR-08, previous quarterly event occurred in 2022 and 2023). Samples were analyzed for BTEX and PAHs, and concentrations were compared to AWQS. Groundwater analytical results in 2024 for BTEX exceeded criteria in one monitoring well (MW-PAR-08), with the highest detection for a single analyte as 140 ug/L (benzene). Summed concentrations of BTEX peaked at 184.2 ug/L in MW-PAR-08; BTEX was not detected in all other wells. Groundwater analytical results for PAHs exceeded criteria in one well (MW-PAR-08), with the highest detection for a single analyte as 35 ug/L (naphthalene); PAHs were undetected in all other wells, except for MW-06-10 where four PAH compounds were detected at estimated concentrations. From 2021 to 2025, BTEX concentrations in MW-PAR-08 have fluctuated with recent decreases observed in the first and fourth quarter of 2024 and first quarter of 2025.

A network of two collection sumps and three NAPL collection wells are being used for quarterly NAPL removal at the Site. NAPL removal was conducted quarterly in 2024 (March, June, September, and November) and 2025 (February). Previous NAPL removal occurred quarterly in 2021, 2022, and 2023. No NAPL has been observed in any Site collection sumps/wells during or after installation.

The IC/ECs at the Site remain in place. Because remedial elements were functioning as designed, the remedy remains effective.

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## 7.3 Future PRR Submittals

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No change to the frequency of PRR submittals is recommended at this time.

## 8.0 REFERENCES

- NYSDEC. 2009. Record of Decision, NYSEG McMaster Street – Auburn MGP Site. Site Number 7-06-010. November.
- Parsons. 2020. *NAPL Collection Well Installation and Groundwater Monitoring Plan Memorandum*. NYSEG McMaster St. Former MGP Site (Site No. 7-06-010). December 14.
- Parsons. 2021. *Site Management Plan. McMaster Street Former Manufactured Gas Plant Site, Cayuga County, Auburn, New York*. NYSDEC Site No. 7-06-010. Prepared for New York State Electric & Gas Corporation. March 31.
- Parsons. 2022. *Memorandum: McMaster Street Former MGP Site – Quarterly NAPL Monitoring and Annual Sampling Update*. June 15.
- Parsons. 2023. *Memorandum: McMaster Street Former MGP Site – Quarterly NAPL Monitoring and Annual Sampling Update*. December 22.
- Parsons. 2024. *Memorandum: McMaster Street Former MGP Site – Quarterly NAPL Monitoring and Annual Sampling Update*. June 6.
- Parsons. 2025. *Memorandum: McMaster Street Former MGP Site – Quarterly NAPL Monitoring and Annual Sampling Update*. May 5.

## **TABLES**

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**TABLE 5.1**  
**2024-2025 PERIODIC REVIEW REPORT**  
**NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)**  
**GROUNDWATER ANALYTICAL RESULTS: MARCH 2024 - MARCH 2025**

Location ID				MW-04-06	MW-06-09	MW-06-10	MW-PAR-08	MW-PAR-08	MW-PAR-08	MW-PAR-08	MW-PAR-08	MW-PAR-09	MW-PAR-08
Field Sample ID				MW-04-06-09232024	MW-06-09-09232024	MW-06-10-09232024	MW-PAR-08-03062024	MW-PAR-08-06052024	MW-PAR-08-09232024	MW-PAR-08-11132024	MW-PAR-09-09232024	MW-PAR-08-02122025	
Matrix				WG	WG	WG	WG	WG	WG	WG	WG	WG	
Lab Sample ID				480-223684-4	480-223684-1	480-223684-8	480-217606-1	480-220523-1	480-223684-5	480-225451-1	480-223684-6	480-227338-1	
Sample Date				9/23/2024	9/23/2024	9/23/2024	3/6/2024	6/5/2024	9/23/2024	11/13/2024	9/23/2024	2/12/2025	
Chemical Name		CAS_RN	Unit	NYSDEC Class GA									
Volatile Organic Compounds (8260)													
Benzene	71-43-2	ug/L	1	1 U	2 U	2 U	21	110	140	15		1 U	22
Ethylbenzene	100-41-4	ug/L	5	1 U	2 U	2 U	1.1	10	23	2.9		1 U	1.9
Toluene	108-88-3	ug/L	5	1 U	2 U	2 U	1 U	4.2	4.2	1 U		1 U	0.63 J
Xylenes	1330-20-7	ug/L	5	2 U	4 U	4 U	1.3 J	15	17	3.1		2 U	1.2 J
m,p-Xylene	179601-23-1	ug/L	NS	2 U	4 U	4 U	1.3 J	10	10	1.8 J		2 U	1.2 J
O-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/L	NS	1 U	2 U	2 U	1 U	5	6.7	1.3		1 U	1.0 U
Semi Volatile Organic Compounds (8270)													
Acenaphthene	83-32-9	ug/L	20	5 U	5.2 U	2.4 J	0.67 J	0.83 J	31	9.8 J		5 U	4.2 J
Acenaphthylene	208-96-8	ug/L	NS	5 U	5.2 U	5 U	5 U	5 U	13	3.3 J		5 U	25 U
Anthracene	120-12-7	ug/L	50	5 U	5.2 U	0.28 J	5 U	5 U	4.4 J	2.6 J		5 U	25 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	5.2 U	5 U	5 U	5 U	5 U	25 U		5 U	25 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	5.2 U	5 U	5 U	5 U	5 U	25 U		5 U	25 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	5.2 U	5 U	5 U	5 U	5 U	25 U		5 U	25 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	5.2 U	5 U	5 U	5 U	5 U	25 U		5 U	25 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	5.2 U	5 U	5 U	5 U	5 U	25 U		5 U	25 U
Chrysene	218-01-9	ug/L	0.002	5 U	5.2 U	5 U	5 U	5 U	5 U	25 U		5 U	25 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	5.2 U	5 U	5 U	5 U	5 U	25 U		5 U	25 U
Fluoranthene	206-44-0	ug/L	50	5 U	5.2 U	5 U	5 U	1.8 J	3.6 J	25 U		5 U	25 U
Fluorene	86-73-7	ug/L	50	5 U	5.2 U	2.4 J	5 U	5 U	17	5.2 J		5 U	2.3 J
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	5.2 U	5 U	5 U	5 U	5 U	25 U		5 U	25 U
Naphthalene	91-20-3	ug/L	10	5 U	5.2 U	5 U	5 U	5 U	35	25 U		5 U	25 U
Phenanthrene	85-01-8	ug/L	50	5 U	5.2 U	0.68 J	5 U	5 U	35	7 J		5 U	25 U
Pyrene	129-00-0	ug/L	NS	5 U	5.2 U	5 U	5 U	1.2 J	3 J	25 U		5 U	25 U

U: Indicates the analyte was analyzed for but not detected.

J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

Shaded: exceeds the Class GA Criteria/Standard

**TABLE 5.2**  
**2024-2025 PERIODIC REVIEW REPORT**  
**NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)**  
**GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2025**

			Location ID	MW-04-06	MW-04-06	MW-04-06	MW-04-06
			Field Sample ID	MW-04-06-10012021	MW-04-06-09212022	MW-04-06-10162023	MW-04-06-09232024
			Lab Sample ID	480-190390-5	480-201944-5	480-213851-14	480-223684-4
			Sample Date	10/1/2021	9/21/2022	10/17/2023	9/23/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA				
<b>Volatile Organic Compounds (8260)</b>							
Benzene	71-43-2	ug/L	1	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	ug/L	5	1 U	1 U	1 U	1 U
Toluene	108-88-3	ug/L	5	1 U	1 U	1 U	1 U
Xylenes	1330-20-7	ug/L	5	2 U	2 U	2 U	2 U
<b>Semi Volatile Organic Compounds (8270)</b>							
Acenaphthene	83-32-9	ug/L	20	5 U	5 U	5.7 U	5 U
Acenaphthylene	208-96-8	ug/L	NS	5 U	5 U	5.7 U	5 U
Anthracene	120-12-7	ug/L	50	5 U	5 U	5.7 U	5 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	5 U	5.7 U	5 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	5 U	5.7 U	5 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	5 U	5.7 U	5 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	5 U	5.7 U	5 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	5 U	5.7 U	5 U
Chrysene	218-01-9	ug/L	0.002	5 U	5 U	5.7 U	5 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	5 U	5.7 U	5 U
Fluoranthene	206-44-0	ug/L	50	5 U	5 U	5.7 U	5 U
Fluorene	86-73-7	ug/L	50	5 U	5 U	5.7 U	5 U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	5 U	5.7 U	5 U
Naphthalene	91-20-3	ug/L	10	5 U	5 U	5.7 U	5 U
Phenanthrene	85-01-8	ug/L	50	5 U	5 U	5.7 U	5 U
Pyrene	129-00-0	ug/L	NS	5 U	5 U	5.7 U	5 U

U:Indicates the analyte was analyzed for but not detected.

]:Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

Shaded: exceeds the Class GA Criteria/Standard

**TABLE 5.2**  
**2024-2025 PERIODIC REVIEW REPORT**  
**NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)**  
**GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2025**

			Location ID	MW-06-09	MW-06-09	MW-06-09	MW-06-09	MW-06-09
			Field Sample ID	MW-06-09-10012021	MW-06-09-09212022	MW-06-09-10162023	BD-10162023	MW-06-09-09232024
			Lab Sample ID	480-190390-6	480-201944-6	480-213851-12	480-213851-13	480-223684-1
			Sample Date	10/1/2021	9/21/2022	10/16/2023	10/16/2023	9/23/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA					
<b>Volatile Organic Compounds (8260)</b>								
Benzene	71-43-2	ug/L	1	2 U	2 U	2 U	1 U	2 U
Ethylbenzene	100-41-4	ug/L	5	2 U	2 U	2 U	1 U	2 U
Toluene	108-88-3	ug/L	5	2 U	2 U	2 U	1 U	2 U
Xylenes	1330-20-7	ug/L	5	4 U	4 U	4 U	2 U	4 U
<b>Semi Volatile Organic Compounds (8270)</b>								
Acenaphthene	83-32-9	ug/L	20	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Acenaphthylene	208-96-8	ug/L	NS	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Anthracene	120-12-7	ug/L	50	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Chrysene	218-01-9	ug/L	0.002	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Fluoranthene	206-44-0	ug/L	50	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Fluorene	86-73-7	ug/L	50	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Naphthalene	91-20-3	ug/L	10	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Phenanthrene	85-01-8	ug/L	50	5 U	5.4 U	5.4 U	5.4 U	5.2 U
Pyrene	129-00-0	ug/L	NS	5 U	5.4 U	5.4 U	5.4 U	5.2 U

U:Indicates the analyte was analyzed for but not detected.

]:Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

Shaded: exceeds the Class GA Criteria/Standard

**TABLE 5.2**  
**2024-2025 PERIODIC REVIEW REPORT**  
**NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)**  
**GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2025**

			Location ID	MW-06-10	MW-06-10	MW-06-10	MW-06-10	MW-06-10
			Field Sample ID	MW-06-10-10012021	MW-06-10-09212022	BD-09212022	MW-06-10-10162023	MW-06-10-09232024
			Lab Sample ID	480-190390-4	480-201944-1	480-201944-2	480-213851-11	480-223684-8
			Sample Date	10/1/2021	9/21/2022	9/21/2022	10/16/2023	9/23/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA					
<b>Volatile Organic Compounds (8260)</b>								
Benzene	71-43-2	ug/L	1	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	100-41-4	ug/L	5	2 U	2 U	2 U	2 U	2 U
Toluene	108-88-3	ug/L	5	2 U	2 U	2 U	2 U	2 U
Xylenes	1330-20-7	ug/L	5	4 U	4 U	4 U	4 U	4 U
<b>Semi Volatile Organic Compounds (8270)</b>								
Acenaphthene	83-32-9	ug/L	20	1.9 J	2 J	1.8 J	2.2 J	2.4 J
Acenaphthylene	208-96-8	ug/L	NS	5 U	5.2 U	5.4 U	5.2 U	5 U
Anthracene	120-12-7	ug/L	50	5 U	5.2 U	5.4 U	5.2 U	0.28 J
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	5.2 U	5.4 U	5.2 U	5 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	5.2 U	5.4 U	5.2 U	5 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	5.2 U	5.4 U	5.2 U	5 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	5.2 U	5.4 U	5.2 U	5 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	5.2 U	5.4 U	5.2 U	5 U
Chrysene	218-01-9	ug/L	0.002	5 U	5.2 U	5.4 U	5.2 U	5 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	5.2 U	5.4 U	5.2 U	5 U
Fluoranthene	206-44-0	ug/L	50	5 U	5.2 U	5.4 U	5.2 U	5 U
Fluorene	86-73-7	ug/L	50	1 J	1.1 J	1 J	2.4 J	2.4 J
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	5.2 U	5.4 U	5.2 U	5 U
Naphthalene	91-20-3	ug/L	10	5 U	0.98 J	0.89 J	1.4 J	5 U
Phenanthrene	85-01-8	ug/L	50	5 U	5.2 U	5.4 U	1.1 J	0.68 J
Pyrene	129-00-0	ug/L	NS	5 U	5.2 U	5.4 U	5.2 U	5 U

U:Indicates the analyte was analyzed for but not detected.

J:Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

Shaded: exceeds the Class GA Criteria/Standard



**TABLE 5.2**  
**2024-2025 PERIODIC REVIEW REPORT**  
**NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)**  
**GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2025**

			Location ID	MW-PAR-08	MW-PAR-08	MW-PAR-08	MW-PAR-08	MW-PAR-08
			Field Sample ID	MW-PAR-08-10012021	MW-PAR-08-09212022	MW-PAR-08-11282022	MW-PAR-08-03302023	MW-PAR08-05152023
			Lab Sample ID	480-190390-3	480-201944-3	480-204174-1	480-207436-1	480-208905-1
			Sample Date	10/1/2021	9/21/2022	11/28/2022	3/30/2023	5/15/2023
Chemical Name	CAS_RN	Unit	NYSDEC Class GA					
<b>Volatile Organic Compounds (8260)</b>								
Benzene	71-43-2	ug/L	1	100	51	42	33	190
Ethylbenzene	100-41-4	ug/L	5	7.8	5.1	4.2	1.5	17
Toluene	108-88-3	ug/L	5	8.3	1.3 J	1.1	0.73 J	13
Xylenes	1330-20-7	ug/L	5	15	6	4.5	1 J	26
<b>Semi Volatile Organic Compounds (8270)</b>								
Acenaphthene	83-32-9	ug/L	20	15	9	5.7	4 J	23
Acenaphthylene	208-96-8	ug/L	NS	5.6	2.8 J	2 J	1.1 J	10
Anthracene	120-12-7	ug/L	50	2.6 J	1.7 J	0.58 J	0.3 J	3.6 J
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	5 U	5 U	5 U	5 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	5 U	5 U	5 U	5 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	5 U	5 U	5 U	5 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	5 U	5 U	5 U	5 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	5 U	5 U	5 U	5 U
Chrysene	218-01-9	ug/L	0.002	5 U	5 U	5 U	5 U	5 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	5 U	5 U	5 U	5 U
Fluoranthene	206-44-0	ug/L	50	5.3	2.7 J	1.6 J	0.96 J	3.8 J
Fluorene	86-73-7	ug/L	50	11	2.6 J	2.9 J	2.6 J	13
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	5 U	5 U	5 U	5 U
Naphthalene	91-20-3	ug/L	10	44	1.9 J	14	1.6 J	45
Phenanthrene	85-01-8	ug/L	50	13	1.9 J	3 J	0.78 J	22
Pyrene	129-00-0	ug/L	NS	3.7 J	1.8 J	1.1 J	0.52 J	2.6 J

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ND: non-detect

Shaded: exceeds the Class GA Criteria/Standard

**TABLE 5.2**  
**2024-2025 PERIODIC REVIEW REPORT**  
**NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)**  
**GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2025**

			Location ID	MW-PAR-08	MW-PAR-08	MW-PAR-08	MW-PAR-08	MW-PAR-08	MW-PAR-08
			Field Sample ID	MW-PAR-08-09152023	MW-PAR-08-10162023	MW-PAR-08-113023	MW-PAR-08-03062024	MW-PAR-08-06052024	MW-PAR-08-09232024
			Lab Sample ID	480-212817-1	480-213851-9	480-215302-2	480-217606-1	480-220523-1	480-223684-5
			Sample Date	9/15/2023	10/16/2023	11/30/2023	3/6/2024	6/5/2024	9/23/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA						
<b>Volatile Organic Compounds (8260)</b>									
Benzene	71-43-2	ug/L	1	39	110	28	21	110	140
Ethylbenzene	100-41-4	ug/L	5	5.5	18	2.9	1.1	10	23
Toluene	108-88-3	ug/L	5	1.2	4.3	0.58 J	1 U	4.2	4.2
Xylenes	1330-20-7	ug/L	5	5.4	18	3.9	1.3 J	15	17
<b>Semi Volatile Organic Compounds (8270)</b>									
Acenaphthene	83-32-9	ug/L	20	13	25	8	0.67 J	0.83 J	31
Acenaphthylene	208-96-8	ug/L	NS	4.8 J	9.3	3.1 J	5 U	5 U	13
Anthracene	120-12-7	ug/L	50	2.5 J	4.1 J	0.98 J	5 U	5 U	4.4 J
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	5.4 U	5 U	5 U	5 U	5 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	5.4 U	5 U	5 U	5 U	5 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	5.4 U	5 U	5 U	5 U	5 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	5.4 U	5 U	5 U	5 U	5 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	5.4 U	5 U	5 U	5 U	5 U
Chrysene	218-01-9	ug/L	0.002	5 U	5.4 U	5 U	5 U	5 U	5 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	5.4 U	5 U	5 U	5 U	5 U
Fluoranthene	206-44-0	ug/L	50	3.4 J	4.2 J	1.4 J	5 U	1.8 J	3.6 J
Fluorene	86-73-7	ug/L	50	8	15	4.3 J	5 U	5 U	17
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	5.4 U	5 U	5 U	5 U	5 U
Naphthalene	91-20-3	ug/L	10	5 U	3 J	6.2	5 U	5 U	35
Phenanthrene	85-01-8	ug/L	50	13	23	5.1	5 U	5 U	35
Pyrene	129-00-0	ug/L	NS	2.4 J	2.8 J	0.89 J	5 U	1.2 J	3 J

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ug/L: micrograms per liter (ppb)

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**TABLE 5.2**  
**2024-2025 PERIODIC REVIEW REPORT**  
**NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)**  
**GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2025**

			Location ID	MW-PAR-08	MW-PAR-08	MW-PAR-09	MW-PAR-09	MW-PAR-09	MW-PAR-09
			Field Sample ID	MW-PAR-08-11132024	MW-PAR-08-02122025	MW-PAR-09-10012021	BD-10012021	MW-PAR-09-09212022	MW-PAR-09-10162023
			Lab Sample ID	480-225451-1	480-227338-1	480-190390-1	480-190390-2	480-201944-4	480-213851-10
			Sample Date	11/13/2024	2/12/2025	10/1/2021	10/1/2021	9/21/2022	10/16/2023
Chemical Name	CAS_RN	Unit	NYSDEC Class GA						
<b>Volatile Organic Compounds (8260)</b>									
Benzene	71-43-2	ug/L	1	15	22	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	ug/L	5	2.9	1.9	1 U	1 U	1 U	1 U
Toluene	108-88-3	ug/L	5	1 U	0.63 J	1 U	1 U	1 U	1 U
Xylenes	1330-20-7	ug/L	5	3.1	1.2 J	2 U	2 U	2 U	2 U
<b>Semi Volatile Organic Compounds (8270)</b>									
Acenaphthene	83-32-9	ug/L	20	9.8 J	4.2 J	5 U	5 U	5 U	5.2 U
Acenaphthylene	208-96-8	ug/L	NS	3.3 J	25 U	5 U	5 U	5 U	5.2 U
Anthracene	120-12-7	ug/L	50	2.6 J	25 U	5 U	5 U	5 U	5.2 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	25 U	25 U	5 U	5 U	5 U	5.2 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	25 U	25 U	5 U	5 U	5 U	5.2 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	25 U	25 U	5 U	5 U	5 U	5.2 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	25 U	25 U	5 U	5 U	5 U	5.2 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	25 U	25 U	5 U	5 U	5 U	5.2 U
Chrysene	218-01-9	ug/L	0.002	25 U	25 U	5 U	5 U	5 U	5.2 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	25 U	25 U	5 U	5 U	5 U	5.2 U
Fluoranthene	206-44-0	ug/L	50	25 U	25 U	5 U	5 U	5 U	5.2 U
Fluorene	86-73-7	ug/L	50	5.2 J	2.3 J	5 U	5 U	5 U	5.2 U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	25 U	25 U	5 U	5 U	5 U	5.2 U
Naphthalene	91-20-3	ug/L	10	25 U	25 U	5 U	5 U	5 U	5.2 U
Phenanthrene	85-01-8	ug/L	50	7 J	25 U	5 U	5 U	5 U	5.2 U
Pyrene	129-00-0	ug/L	NS	25 U	25 U	5 U	5 U	5 U	5.2 U

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J:Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

ug/L: micrograms per liter (ppb)

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ND: non-detect

Shaded: exceeds the Class GA Criteria/Standard

**TABLE 5.2**  
**2024-2025 PERIODIC REVIEW REPORT**  
**NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)**  
**GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2025**

			Location ID	MW-PAR-09
			Field Sample ID	MW-PAR-09-09232024
			Lab Sample ID	480-223684-6
			Sample Date	9/23/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA	
<b>Volatile Organic Compounds (8260)</b>				
Benzene	71-43-2	ug/L	1	1 U
Ethylbenzene	100-41-4	ug/L	5	1 U
Toluene	108-88-3	ug/L	5	1 U
Xylenes	1330-20-7	ug/L	5	2 U
<b>Semi Volatile Organic Compounds (8270)</b>				
Acenaphthene	83-32-9	ug/L	20	5 U
Acenaphthylene	208-96-8	ug/L	NS	5 U
Anthracene	120-12-7	ug/L	50	5 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U
Chrysene	218-01-9	ug/L	0.002	5 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U
Fluoranthene	206-44-0	ug/L	50	5 U
Fluorene	86-73-7	ug/L	50	5 U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U
Naphthalene	91-20-3	ug/L	10	5 U
Phenanthrene	85-01-8	ug/L	50	5 U
Pyrene	129-00-0	ug/L	NS	5 U

U: Indicates the analyte was analyzed for but not detected.

J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

ug/L: micrograms per liter (ppb)

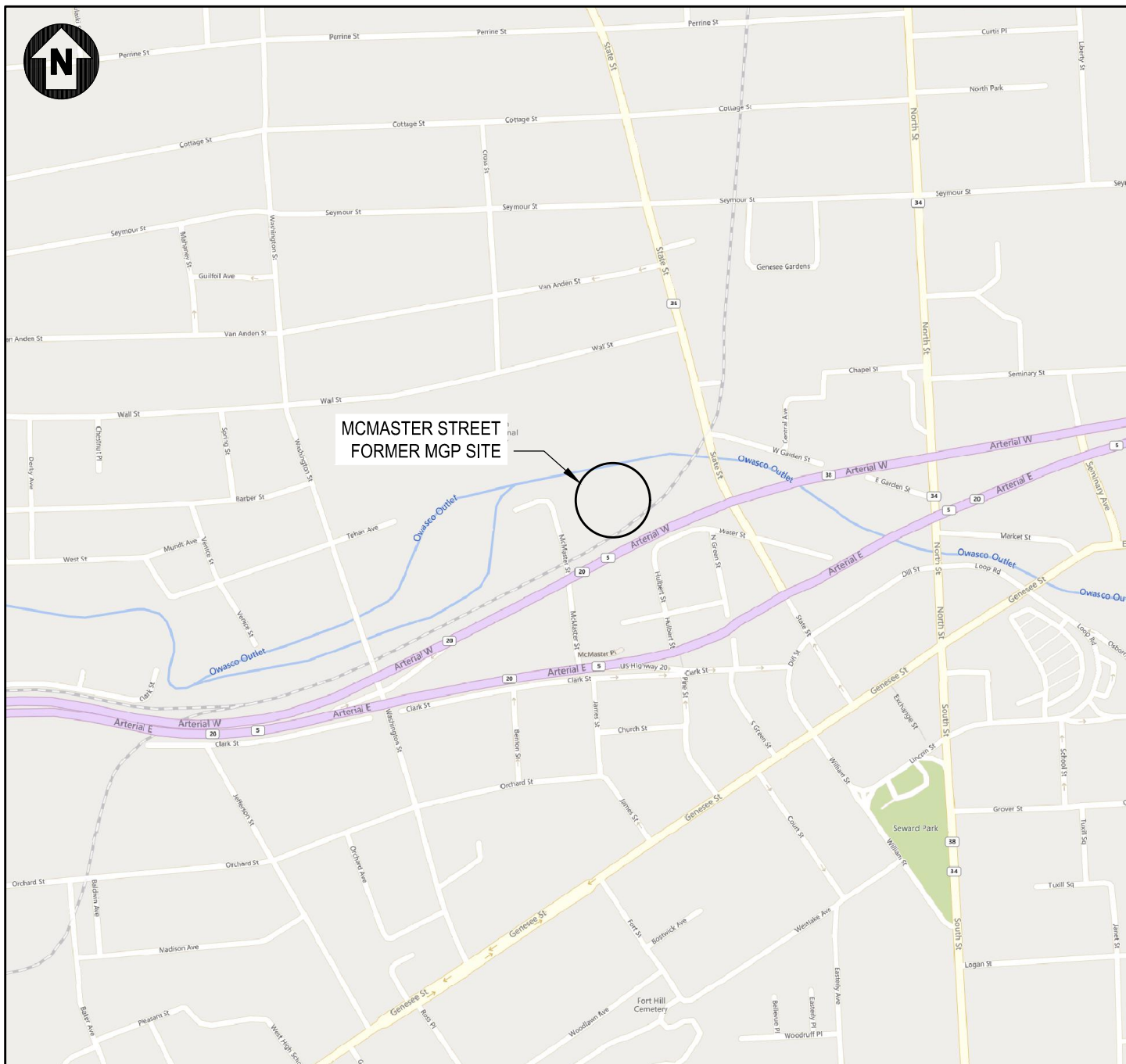
NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

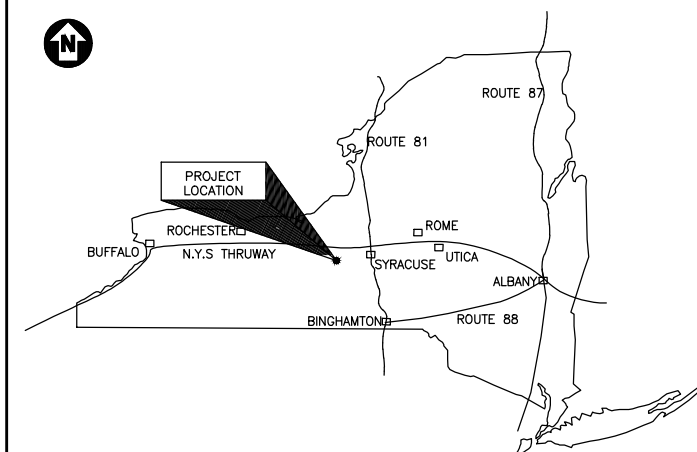
Shaded: exceeds the Class GA Criteria/Standard

## **FIGURES**

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NOT TO SCALE



THE STATE OF NEW YORK  
NOT TO SCALE

FIGURE 2.1

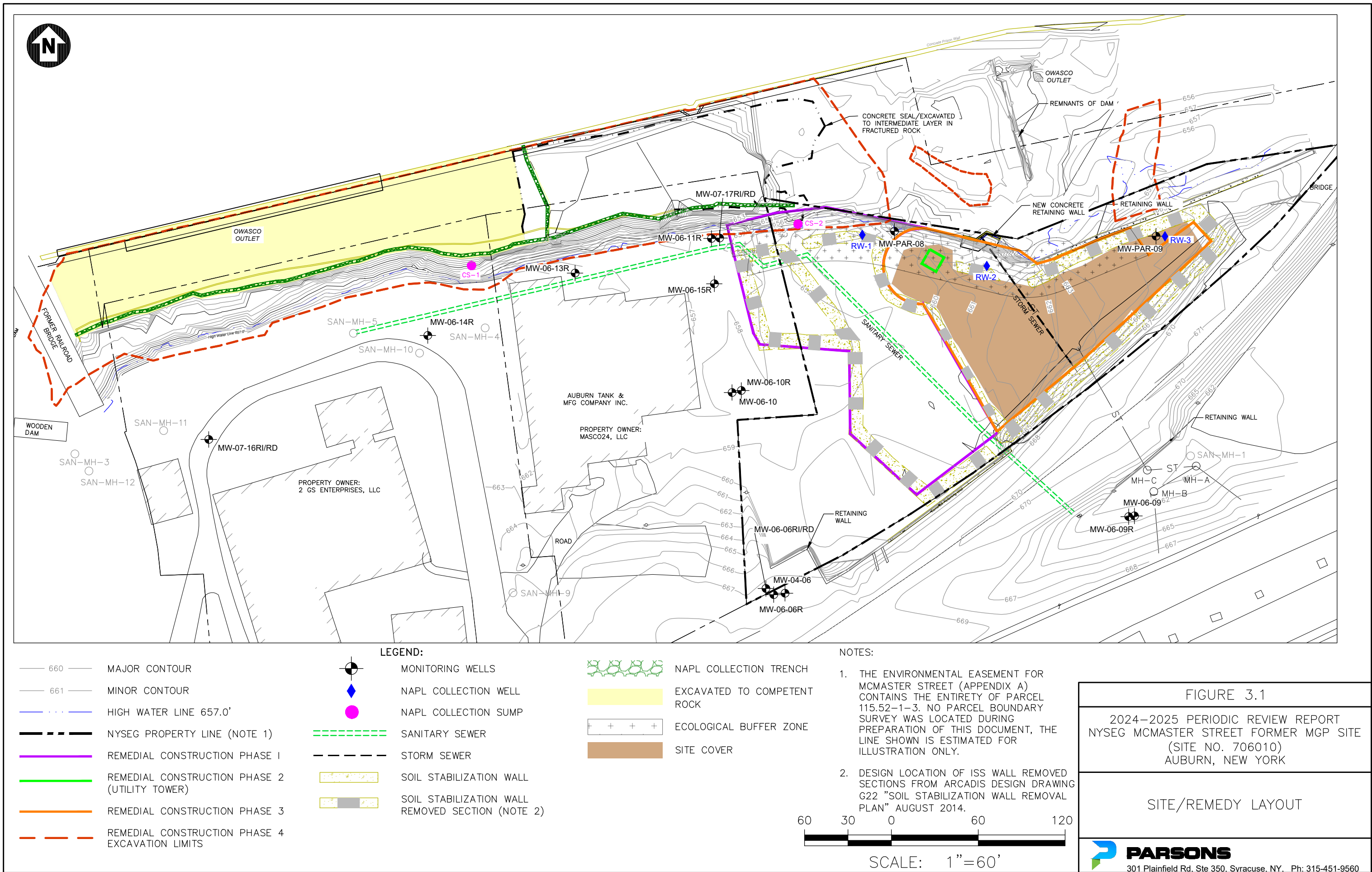
2024–2025 PERIODIC REVIEW REPORT  
NYSEG MCMASTER STREET FORMER MGP SITE  
(SITE NO. 706010)  
AUBURN, NEW YORK

SITE LOCATION MAP

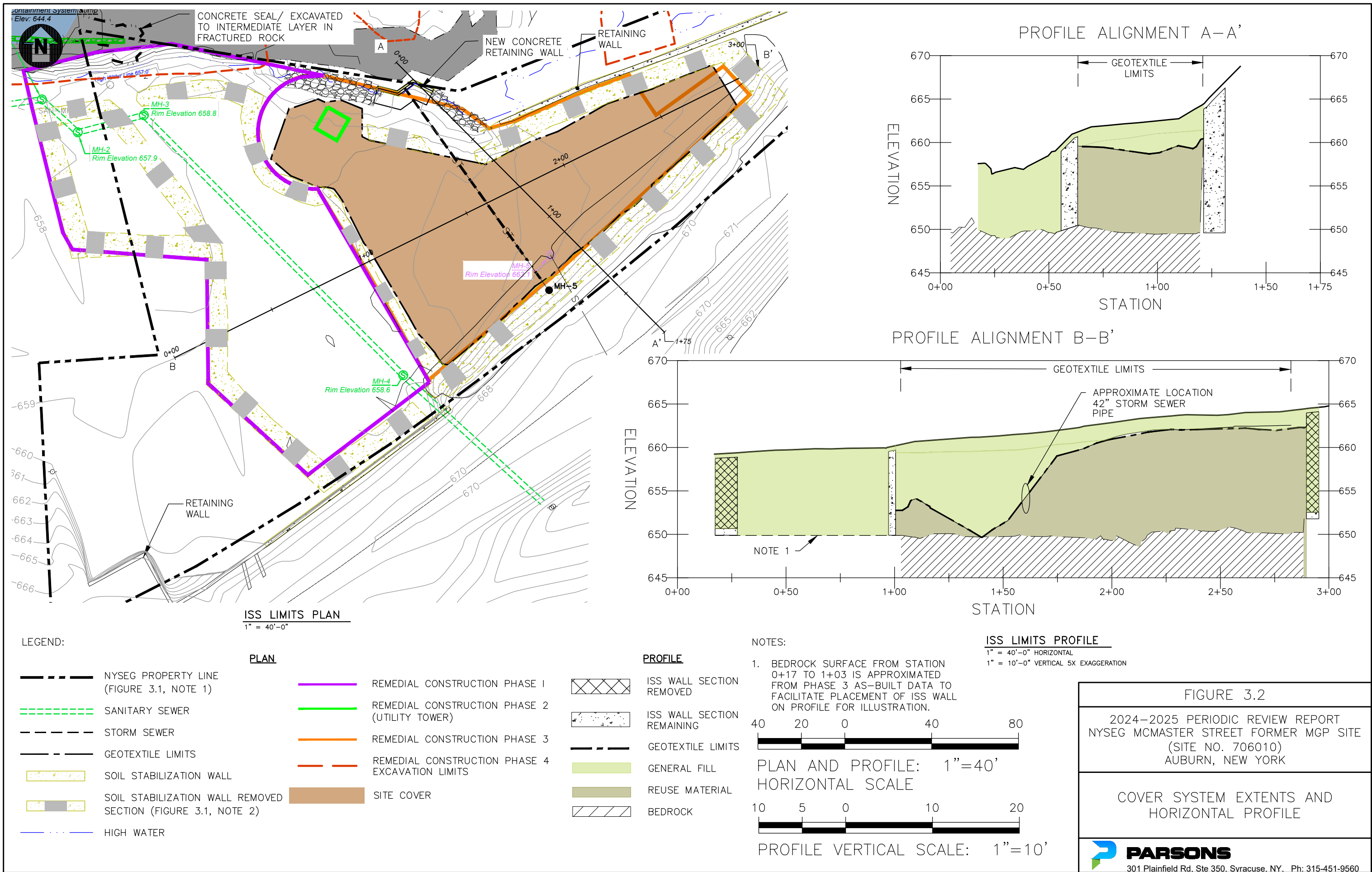


**PARSONS**

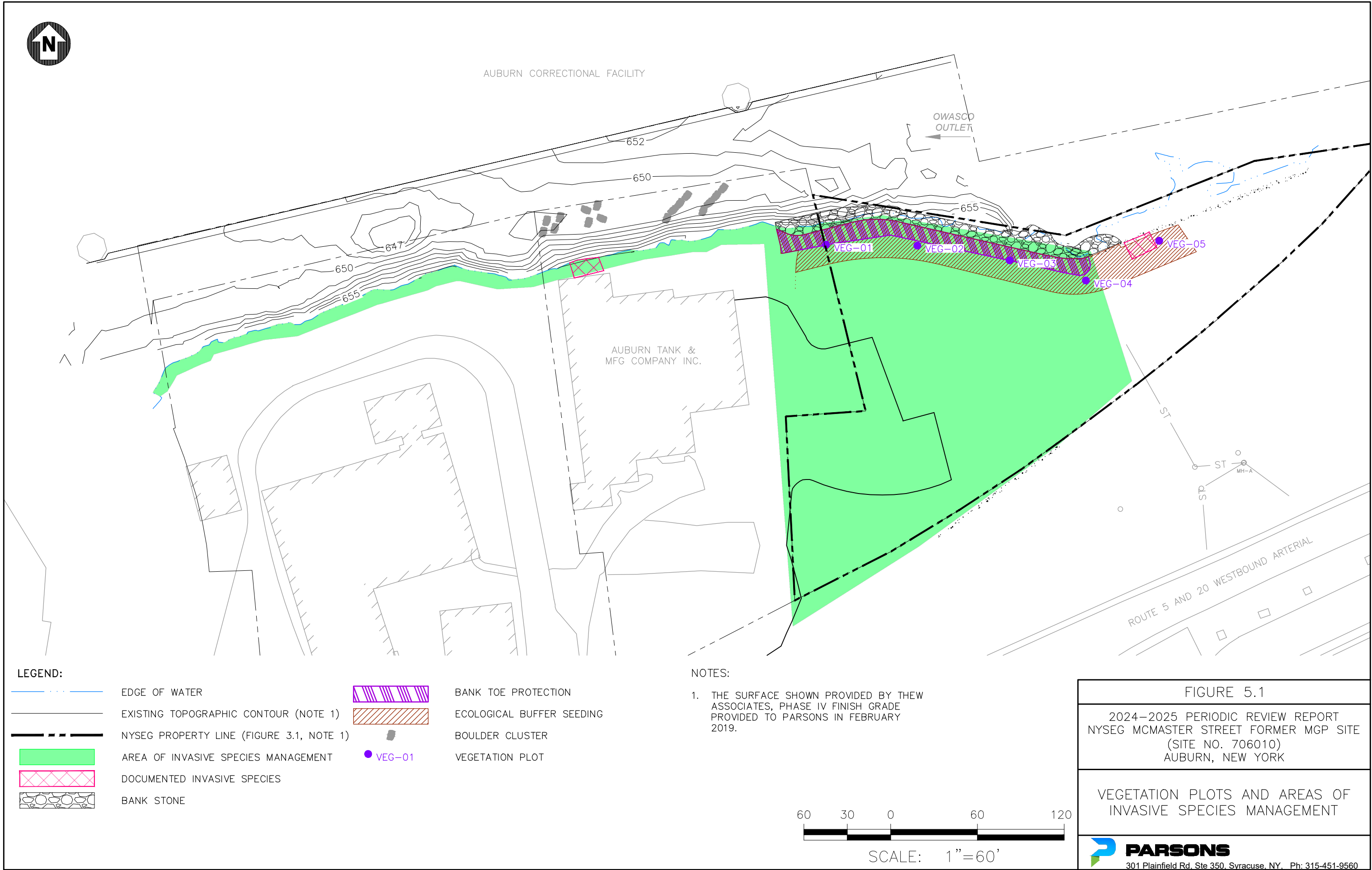
301 Plainfield Rd, Ste 350, Syracuse, NY, Ph: 315-451-9560



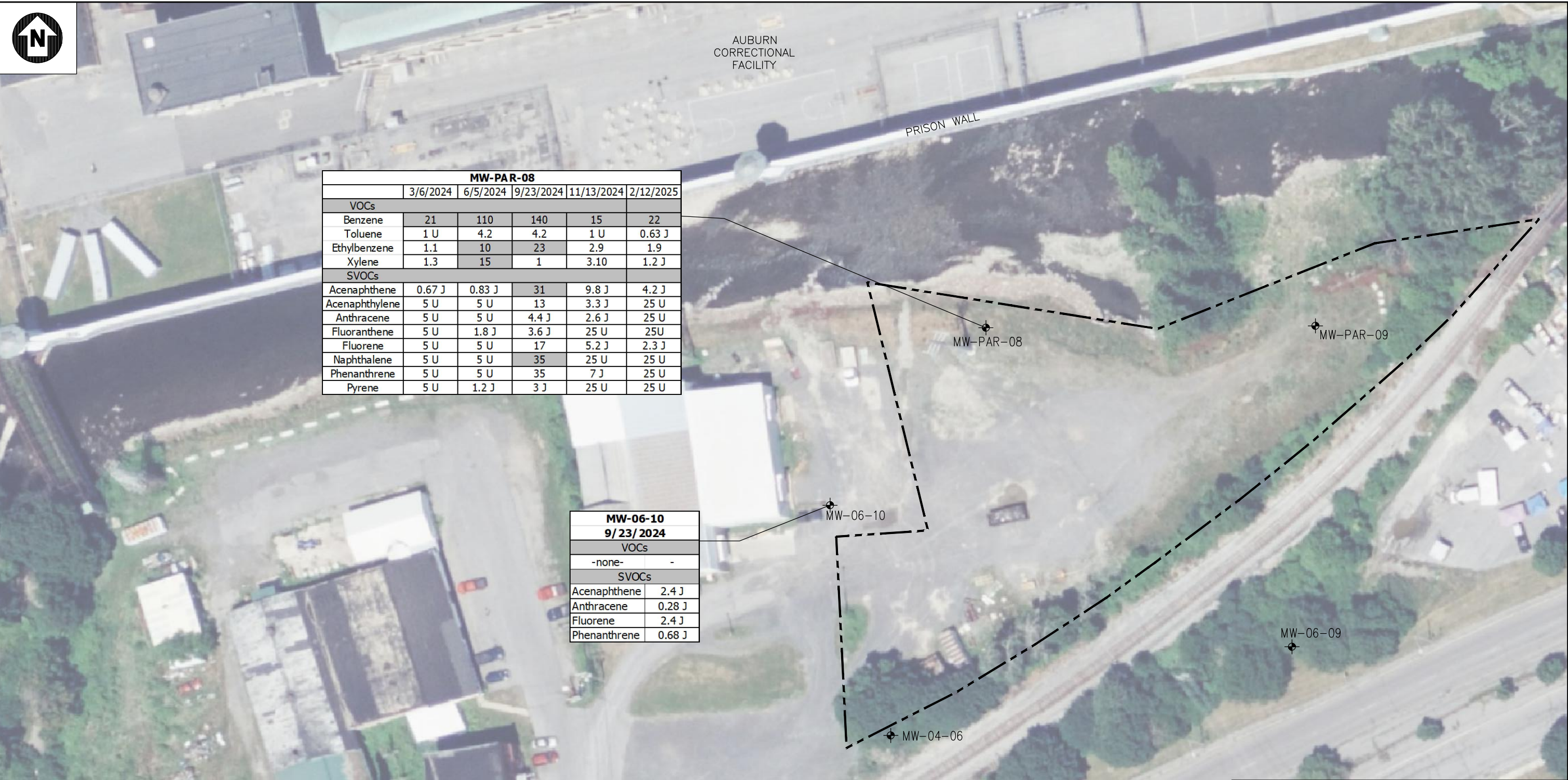












OVERBURDEN MONITORING WELL

3. SHADED VALUES INDICATE COMPOUNDS WITH VALUES EXCEEDING THE NYS CLASS GA STANDARDS CRITERIA.

- 

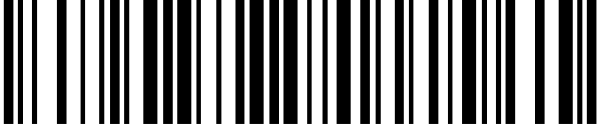
301 Plainfield Rd, Ste 350, Syracuse, NY, Ph: 315-451-9560

## **APPENDIX A ENVIRONMENTAL EASEMENT**

---

CAYUGA COUNTY – STATE OF NEW YORK  
SUSAN M. DWYER, COUNTY CLERK  
160 GENESEE ST 1<sup>ST</sup> FLOOR, AUBURN, NEW YORK 13021

COUNTY CLERK'S RECORDING PAGE  
\*\*\*THIS PAGE IS PART OF THE DOCUMENT – DO NOT DETACH\*\*\*



BOOK/PAGE: 3918 / 101  
INSTRUMENT #: 2020-197720

Receipt#: 2020242965  
Clerk: JB  
Rec Date: 09/03/2020 02:21:48 PM  
Doc Grp: RP  
Descrip: EASEMENT  
Num Pgs: 10  
Rec'd Frm: STEWART TITLE INSURANCE COMPANY  
- UPSTATE

Party1: NEW YORK STATE ELECTRIC & GAS  
CORPORATION  
Party2: NEW YORK STATE PEOPLE OF  
Town: AUBURN

Recording:

Cover Page	0.00
Recording Fee	0.00
Cultural Ed	0.00
Records Management - Coun	0.00
Records Management - Stat	0.00
Cross References	0.00
TP584	0.00

Sub Total: 0.00

Transfer Tax  
Transfer Tax - State 0.00

Sub Total: 0.00

Total: 0.00

\*\*\*\* NOTICE: THIS IS NOT A BILL \*\*\*\*

\*\*\*\*\* Transfer Tax \*\*\*\*\*  
Transfer Tax #: 247  
Exempt  
Consideration: 0.00

Total: 0.00

Record and Return To:

ELECTRONICALLY RECORDED BY CSC INGEO

WARNING\*\*\*

\*\*\* Information may be amended during the verification process, and may not be reflected on this cover page.

THIS PAGE CONSTITUTES THE CLERK'S  
ENDORSEMENT, REQUIRED BY SECTION 316-a (5)  
& 319 OF THE REAL PROPERTY LAW OF THE  
STATE OF NEW YORK.

Susan M. Dwyer  
Cayuga County Clerk

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36  
OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 18<sup>th</sup> day of August, 2020 between Owner, New York State Electric & Gas Corporation, having an office at 89 East Avenue, Rochester, County of Monroe, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 30 McMaster Street in the City of Auburn, County of Cayuga and State of New York, known and designated on the tax map of the County Clerk of Cayuga as tax map parcel numbers: Section 115.52 Block 01 Lot 03, being the same as that property conveyed to Grantor by deed dated May 25, 2005 and recorded in the Cayuga County Clerk's Office in Liber and Page 1217/173. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 1.2 +/- acres, and is hereinafter more fully described in the Land Title Survey dated September 26, 2019 prepared by Paul James Olszewski, P.L.S, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

Record & Return to: Barclay Damon LLP  
200 Five Star Bank Plaza  
100 Chestnut Street  
Rochester, NY 14604



**NOW THEREFORE**, in consideration of the mutual covenants contained herein and the terms and conditions of Order on Consent Index Number: D0-0002-9309, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

**Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)**

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Cayuga County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential or Restricted Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i) and (ii), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section  
Division of Environmental Remediation  
NYSDEC  
625 Broadway  
Albany, New York 12233  
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

**This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation**

## Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;



5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:      Site Number: 706010  
Office of General Counsel  
NYSDEC  
625 Broadway  
Albany New York 12233-5500

With a copy to:                                      Site Control Section  
Division of Environmental Remediation  
NYSDEC  
625 Broadway  
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and

communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

**Remainder of Page Intentionally Left Blank**

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

New York State Electric & Gas Corporation:

By: Timothy Altier

Print Name: Timothy Altier

Title: Manager Date: 7/27/20

**Grantor's Acknowledgment**

STATE OF NEW YORK     )  
  ) ss:  
COUNTY OF Monroe     )

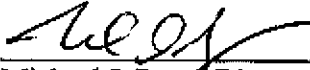
On the 27 day of July, in the year 2020, before me, the undersigned, personally appeared Timothy Altier, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

[Signature]  
Notary Public - State of New York

Amanda S Deegan  
Notary Public State of NY  
No. 01DE6315681  
Qualified in Orleans County  
Commission Expires 12/01/22

**THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK**, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By:



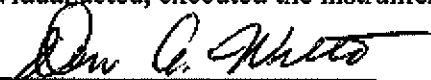
Michael J. Ryan, Director

Division of Environmental Remediation

**Grantee's Acknowledgment**

STATE OF NEW YORK     )  
                                      ) ss:  
COUNTY OF ALBANY     )

On the 18<sup>th</sup> day of August, in the year 2020, before me, the undersigned, personally appeared Michael J. Ryan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

  
Notary Public - State of New York

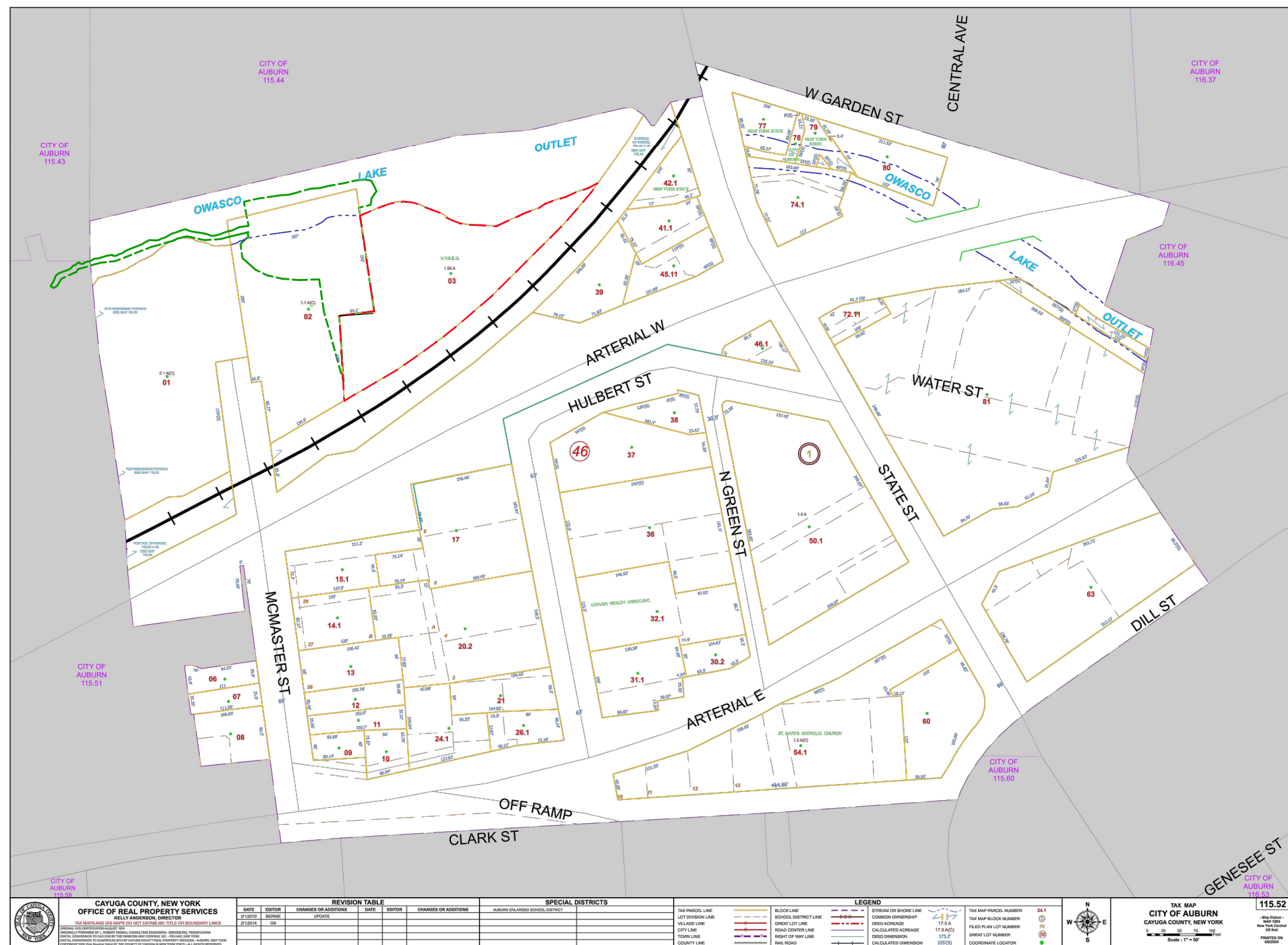
Drew A. Wellette  
Notary Public, State of New York  
Qualified in Schenectady Co.  
No. 01WE6089074  
Commission Expires 03/17/ 2023

**SCHEDULE "A" PROPERTY DESCRIPTION**

NEW YORK STATE ELECTRIC AND GAS  
MCMASTERS STREET, AUBURN SITE  
TAX MAP NO. 115.52-01-03

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF AUBURN, COUNTY OF CAYUGA AND STATE OF NEW YORK BOUNDED AND DESCRIBED AS FOLLOWS: BEGINNING AT AN IRON ROD ON THE NORTH LINE OF THE FORMER NEW YORK CENTRAL RAILROAD, SAID POINT BEING 137.5 FEET EASTERLY, AS MEASURED ALONG SAID NORTHERLY LINE, FROM ITS INTERSECTION WITH THE EAST LINE OF MCMASTER STREET, SAID POINT ALSO BEING ON THE SOUTHEASTERLY CORNER OF LANDS BELONGING TO WEBER BY DEED RECORDED IN THE CAYUGA COUNTY CLERK'S OFFICE IN BOOK 886 OF DEEDS AT PAGE 181; THENCE N03°07'22"W MEASURED(N07°12'E DEED), ALONG WEBERS EASTERLY BOUNDARY, FOR A DISTANCE OF 120.06 FEET MEASURED (127 FEET DEED) TO A POINT; THENCE N86°52'38"E MEASURED(S82°48'W DEED), ALONG WEBERS BOUNDARY, FOR A DISTANCE OF 54.10 FEET TO AN IRON ROD; THENCE N10°21'22"W MEASURED(N00°03'W DEED), ALONG WEBERS EASTERLY BOUNDARY, FOR A DISTANCE OF 150 FEET TO A POINT ON THE SOUTHERLY BANK OF OWASCO OUTLET; THENCE N76°32'44"E ALONG SAID BANK FOR A DISTANCE OF 33.57 FEET TO A POINT; THENCE S78°34'30"E CONTINUING ALONG SAID BANK FOR A DISTANCE OF 69.48 FEET TO A POINT; THENCE S76°06'41"E CONTINUING ALONG SAID BANK FOR A DISTANCE OF 42.43 FEET TO A POINT; THENCE S77°44'40"E CONTINUING ALONG SAID BANK FOR A DISTANCE OF 27.52 FEET TO A POINT; THENCE N56°48'19"E CONTINUING ALONG SAID BANK FOR A DISTANCE OF 19.78 FEET TO A POINT; THENCE N61°31'58"E CONTINUING ALONG SAID BANK FOR A DISTANCE OF 84.33 FEET TO A POINT; THENCE N78°05'17"E CONTINUING ALONG SAID BANK FOR A DISTANCE OF 23.02 FEET TO A POINT; THENCE N78°09'53"E CONTINUING ALONG SAID BANK FOR A DISTANCE OF 94.86 FEET TO A POINT ON THE NORTHERLY LINE OF THE FORMER NEW YORK CENTRAL RAILROAD; THENCE WESTERLY ON A 715.54 FOOT RADIUS CURVE TO THE RIGHT, ALONG SAID NORTHERLY BOUNDARY OF FORMER NEW YORK CENTRAL RAILROAD, FOR A DISTANCE OF 92 FEET TO A POINT OF COMPOUND CURVE; THENCE WESTERLY ON A 1639.06 FOOT RADIUS CURVE TO THE RIGHT, ALONG SAID NORTHERLY BOUNDARY OF FORMER NEW YORK CENTRAL RAILROAD, FOR A DISTANCE OF 354.05 FEET TO A POINT; THENCE N03°07'W FOR A DISTANCE OF 7 FEET TO A POINT; THENCE S62°22'38"W MEASURED(S72°42'W DEED), ALONG SAID NEW YORK CENTRAL RAILROADS NORTHERLY BOUNDARY, FOR A DISTANCE OF 73.54 FEET TO A POINT AND PLACE OF BEGINNING, CONTAINING 1.2 PLUS OR MINUS ACRES OF LAND.

SUBJECT TO ALL COVENANTS, EASEMENTS AND RESTRICTIONS OF RECORD.



LEGEND:

- ENVIRONMENTAL EASEMENT
- AREAS SUBJECT TO SITE MANAGEMENT

NOTES:

1. TAX MAP OBTAINED FROM THE CAYUGA COUNTY NEW YORK OFFICE OF REAL PROPERTY SERVICES ONLINE DATABASE MAP NUMBER 115.52.

FIGURE A1

NYSEG  
McMASTER STREET FORMER MGP SITE  
AUBURN, NEW YORK

ENVIRONMENTAL EASEMENT/AREAS  
SUBJECT TO SITE MANAGEMENT

PARSONS

301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 \* 315-451-9560

## **APPENDIX B IC/EC CERTIFICATION FORM**

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## Site Details

### Box 1

**Site No.** 706010

**Site Name** NYSEG - Auburn McMaster St. MGP

Site Address: 30 McMaster Street      Zip Code: 13021-

City/Town: Auburn

County: Cayuga

Site Acreage: 1.200

Reporting Period: May 30, 2024 to May 30, 2025

YES NO

1. Is the information above correct? X ☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? ☐ ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? ☐ ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? ☐ ☒

**If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.**

5. Is the site currently undergoing development? ☐ ☒

## Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below? X ☐  
Commercial and Industrial

7. Are all ICs in place and functioning as designed? X ☒

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

**A Corrective Measures Work Plan must be submitted along with this form to address these issues.**

Signature of Owner, Remedial Party or Designated Representative

Date \_\_\_\_\_



**Description of Institutional Controls**ParcelOwnerInstitutional Control**115.52-01-03**

New York State Electric and Gas Corp

Ground Water Use Restriction  
Landuse Restriction  
Site Management Plan

Monitoring Plan

- Property use must be commercial, or industrial
- Groundwater use is prohibited without treatment
- Groundwater must be monitored per the SMP
- Data must be reported per the SMP
- Implement HASP and Excavation Work Plan prior to ground intrusive activity

**Description of Engineering Controls**ParcelEngineering Control**115.52-01-03**Cover System  
Monitoring Wells

- coal tar recovery wells
- site cover system

**Periodic Review Report (PRR) Certification Statements**

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

X ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

X ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and  
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

**A Corrective Measures Work Plan must be submitted along with this form to address these issues.**

\_\_\_\_\_  
Signature of Owner, Remedial Party or Designated Representative

\_\_\_\_\_  
Date

IC CERTIFICATIONS  
SITE NO. 706010

Box 6

**SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE**

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Levia Terrell at 18 Link Drive, Binghamton, New York 13902,  
print name print business address

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

LeviaTerrll 5/7/2025  
Signature of Owner, Remedial Party, or Designated Representative Date  
Rendering Certification

## EC CERTIFICATIONS

Box 7

### Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Jeffrey Poulsen at Parsons, 40 LaRiviere Dr. Buffalo, NY 14202,  
print name print business address

am certifying as a Qualified Environmental Professional for the OWNER (NYSEG)  
(Owner or Remedial Party)



Signature of Qualified Environmental Professional, for  
the Owner or Remedial Party, Rendering Certification

Stamp  
(Required for PE)

May 7 2025  
Date