2023 - 2024 PERIODIC REVIEW REPORT
MCMASTER STREET FORMER MANUFACTURED GAS PLANT SITE
AUBURN, NEW YORK
NYSDEC SITE NUMBER: 706010

Prepared For:

NYSEG

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JUNE 2024

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)

JUNE 3, 2024

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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	*in situ* 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. D0-0002-9309) 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 January 30, 2023 to May 30, 2024 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 reduced to a few individuals, indicating that the 2022 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 2023 annual monitoring event (previous events occurred in 2021 and 2022). Samples were also collected during the reporting period quarterly from one well (MW-PAR-08, previous quarterly event occurred in 2022). Samples were analyzed for BTEX and PAHs, and concentrations were compared to NYSDEC Class GA Ambient Water Quality Standards (AWQS). Groundwater analytical results in 2023 for BTEX exceeded criteria in one monitoring well (MW-PAR-08), with the highest detection for a single analyte as 190 micrograms per liter (ug/L) (benzene). Summed concentrations of BTEX peaked at 246 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 45 ug/L (naphthalene); PAHs were undetected in all other wells. From 2021 to 2023, BTEX concentrations in MW-PAR-08 have fluctuated with recent decreases observed in the fourth quarter of 2023 and first quarter of 2024.

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 2023 (March, May, September, and November) and 2024 (March). Previous NAPL removal occurred quarterly in 2021 and 2022. 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

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

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

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

Restoration measures in and along the Owasco Outlet were completed in accordance with the requirements at 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

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 January 30, 2023 to May 30, 2024 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 and 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.

4.1.3 Status of Institutional Controls/Engineering Controls

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 January 30, 2023 to May 30, 2024 reporting period, the Site ECs remain in place and are meeting the intent of the remedy.

4.1.4 Corrective Measures

No corrective measures were required for the ICs/ECs based on the findings of the January 30, 2023 to May 30, 2024 reporting period.

4.1.5 Conclusions and Recommendations

No deficiencies in the ICs/ECs were identified during the January 30, 2023 to May 30, 2024 reporting period; therefore, no changes to ICs/ECs are recommended.

4.2 Institutional Controls/Engineering Controls Certification

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).

Inspections: 1. Cover Inspection 2. Invasive Species Inspection	Frequency: 1. Annually 2. Annually
Monitoring: 1. Groundwater Monitoring Program 2. NAPL Collection Program	Frequency: 1. Annually 2. Quarterly/ As needed
Reporting: 1. Groundwater Monitoring Report 2. NAPL Collection Report 3. Periodic Review Report	Frequency: 1. Annually 2. Quarterly/ As needed 3. Annually

5.2 Inspections Completed During Reporting Period

Inspections were completed at the Site during the January 30, 2023 to May 30, 2024 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 September 12, 2023 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.) and 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 flat-topped goldenrod (*Euthamia graminifolia*), fowl manna grass (*Glyceria striata*), 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 2023, 33 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 47 percent and speckled alder (*Alnus incana* ssp. *rugosa*) had the lowest rate of survival at zero percent. Overall, 10 percent of planted trees were

found surviving on Site, consistent with the 2022 inventory. Black willow (*Salix nigra*) and silver maple (*Acer saccharinum*) had the highest rate of survival at 20 percent and cottonwood (*Populus deltoides*) and red maple (*Acer rubrum*) had the lowest rate of survival at zero percent.

5.2.2 Invasive Species Inspection

An invasive species inspection was performed on September 12, 2023. The isolated patches of Japanese knotweed that were identified and treated in 2022 were reduced to a few individuals in 2023 (**Figure 5.1**).

5.3 Monitoring Completed During Reporting Period

Monitoring was completed at the Site during the January 30, 2023 to May 30, 2024 reporting period and included groundwater monitoring and NAPL removal.

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 and 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 October 16 and 17, 2023 annual monitoring event. Additionally, samples were collected quarterly from well MW-PAR-08 on March 30, 2023; May 15, 2023; September 15, 2023; November 30, 2023; and March 6, 2024, as recommended in the *McMaster Street Former MGP Site – Quarterly NAPL Monitoring and Annual Sampling Update* for the 2021 (Parsons 2022) and 2022 (Parsons 2023) 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 2023 for BTEX exceeded criteria in MW-PAR-08 with the highest detection for a single BTEX analyte of 190 ug/L (benzene). The summed concentrations of BTEX peaked at 246 ug/L in MW-PAR-08 (May 2023). 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 45 ug/L (naphthalene). PAH concentrations in MW-04-06, MW 06-09, MW-06-10, and MW-PAR-09 were below detection limits.

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

5.3.2 NAPL Collection Program

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 2023 (March, May, September, and November) and 2024 (March) 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, and sock weight has not been observed to increase. Evidence of hydrocarbons has been observed both visually and by odor in onsite collection wells.

5.4 Comparison with Remedial Objectives

5.4.1 Cover System

The January 30, 2023 to May 30, 2024 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

Few individuals of Japanese knotweed were observed during the January 30, 2023 to May 30, 2024 reporting period. The isolated patches of Japanese knotweed (Reynoutria japonica) that were treated in 2022 were reduced to a few individuals in 2023, indicating 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

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, and October 16 and 17, 2023. Additionally, samples were collected quarterly from well MW-PAR-08 on November 28, 2022, March 30, 2023, September 15, 2023, November 30, 2023; and March 6, 2024, as recommended in the *McMaster Street Former MGP Site – Quarterly NAPL Monitoring and Annual Sampling Update* for the 2021 (Parsons 2022) and 2022 (Parsons 2023) 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 2023 and first quarter of 2024, subject to seasonal rebound.

Analytical results of BTEX and PAHs for each monitoring well for all sampling events (October 2021 through March 2024) are presented in **Table 5.2**, and a graphical representation of total BTEX concentrations is provided in **Figure 5.3** below.

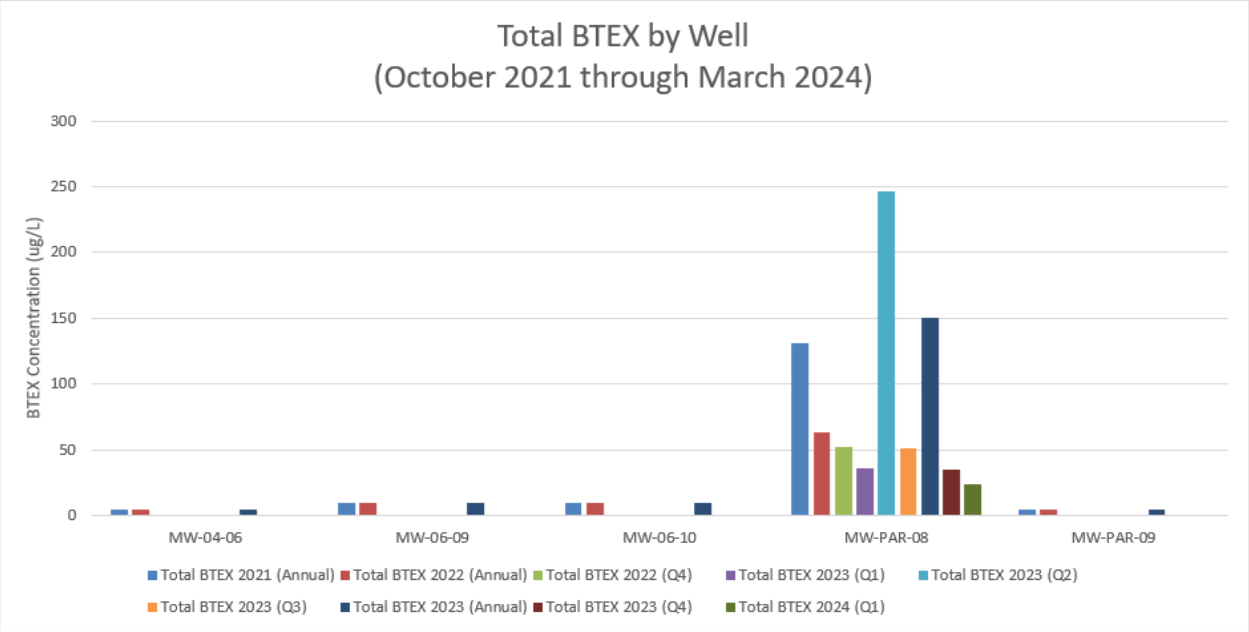

Figure 5.3. Total BTEX Concentration by Monitoring Well – October 2021 through March 2024

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) and 2024 (March). 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, and sock weight has not been observed to increase. Evidence of hydrocarbons has been observed both visually and by odor in onsite collection wells.

5.5 Inspection and Monitoring Deficiencies

Sitewide inspections and monitoring completed during the January 30, 2023 to May 30, 2024 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 reduced to a few individuals, indicating that the 2022 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 2024.

A network of five monitoring wells is being used for post-remedy groundwater monitoring. Groundwater samples were collected from all wells during the 2023 annual monitoring event (previous events occurred in 2021 and 2022). Samples were also collected during the reporting period quarterly from one well (MW-PAR-08, previous quarterly event occurred in 2022). Samples were analyzed for BTEX and PAHs, and concentrations were compared to AWQS. Groundwater analytical results in 2023 for BTEX exceeded criteria in one monitoring well (MW-PAR-08), with the highest detection for a single analyte as 190 ug/L (benzene). Summed concentrations of BTEX peaked at 246 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 45 ug/L (naphthalene); PAHs were undetected in all other wells. From 2021 to 2023, with recent decreases observed in the fourth quarter of 2023 and first quarter of 2024. Due to detections of contaminants of concern in collected groundwater, it is recommended that groundwater sampling continues annually through 2024 for all wells and quarterly for MW-PAR-08.

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 2023 (March, May, September, and November) and 2024 (March). Previous NAPL removal occurred quarterly in 2021 and 2022. 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: 1. Cover System 2. Invasive Species Removal	Frequency: 1. As needed 2. As needed
Reporting: 1. Groundwater Monitoring Report 2. NAPL Collection Report 3. Periodic Review Report	Frequency: 1. Annually 2. Quarterly/As needed 3. Annually

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 January 30, 2023 to May 30, 2024 reporting period, no maintenance was required.

6.3 Comparison with Remedial Objectives

Based on the results of the cover system and invasive species inspections performed during the January 30, 2023 to May 30, 2024 reporting period, these remedial elements were functioning as designed.

6.4 Maintenance Plan Deficiencies

No maintenance was required during the January 30, 2023 to May 30, 2024 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.

7.0 CONCLUSIONS AND RECOMMENDATIONS

7.1 Compliance with SMP

Requirements of the SMP were met during the January 30, 2023 to May 30, 2024 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

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 reduced to a few individuals, indicating that the 2022 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 2024.

A network of five monitoring wells is being used for post-remedy groundwater monitoring. Groundwater samples were collected from all wells during the 2023 annual monitoring event (previous events occurred in 2021 and 2022). Samples were also collected during the reporting period quarterly from one well (MW-PAR-08, previous quarterly event occurred in 2022). Samples were analyzed for BTEX and PAHs, and concentrations were compared to AWQS. Groundwater analytical results in 2023 for BTEX exceeded criteria in one monitoring well (MW-PAR-08), with the highest detection for a single analyte as 190 ug/L (benzene). Summed concentrations of BTEX peaked at 246 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 45 ug/L (naphthalene); PAHs were undetected in all other wells. From 2021 to 2023, BTEX concentrations in MW-PAR-08 have fluctuated with recent decreases observed in the fourth quarter of 2023 and first quarter of 2024.

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 2023 (March, May, September, and November) and 2024 (March). Previous NAPL removal occurred quarterly in 2021 and 2022. 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.

7.3 Future PRR Submittals

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.

TABLES

TABLE 5.1
2023-2024 PERIODIC REVIEW REPORT
NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)
GROUNDWATER ANALYTICAL RESULTS: MARCH 2023 - MARCH 2024

			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-08	MW-PAR-09
			Field Sample ID	MW-04-06-10162023	MW-06-09-10162023	MW-06-10-10162023	MW-PAR-08-03302023	MW-PAR08-05152023	MW-PAR-08-09152023	MW-PAR-08-10162023	MW-PAR-08-113023	MW-PAR-08-03062024	MW-PAR-09-10162023
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Lab Sample ID	480-213851-14	480-213851-12	480-213851-11	480-207436-1	480-208905-1	480-212817-1	480-213851-9	480-215302-2	480-217606-1	480-213851-10
			Sample Date	10/17/2023	10/16/2023	10/16/2023	3/30/2023	5/15/2023	9/15/2023	10/16/2023	11/30/2023	3/6/2024	10/16/2023
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	33	190	39	110	28	21	1 U
Ethylbenzene	100-41-4	ug/L	5	1 U	2 U	2 U	1.5	17	5.5	18	2.9	1.1	1 U
Toluene	108-88-3	ug/L	5	1 U	2 U	2 U	0.73 J	13	1.2	4.3	0.58 J	1 U	1 U
Xylenes	1330-20-7	ug/L	5	2 U	4 U	4 U	1 J	26	5.4	18	3.9	1.3 J	2 U
m,p-Xylene	179601-23-1	ug/L	NS	2 U	4 U	4 U	1 J	17	3.6	11	2.6	1.3 J	2 U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/L	NS	1 U	2 U	2 U	1 U	9	1.8	6.5	1.3	1 U	1 U
Semi Volatile Organic Compounds (8270)													
Acenaphthene	83-32-9	ug/L	20	5.7 U	5.4 U	2.2 J	4 J	23	13	25	8	0.67 J	5.2 U
Acenaphthylene	208-96-8	ug/L	NS	5.7 U	5.4 U	5.2 U	1.1 J	10	4.8 J	9.3	3.1 J	5 U	5.2 U
Anthracene	120-12-7	ug/L	50	5.7 U	5.4 U	5.2 U	0.3 J	3.6 J	2.5 J	4.1 J	0.98 J	5 U	5.2 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5.7 U	5.4 U	5.2 U	5 U	5 U	5 U	5.4 U	5 U	5 U	5.2 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5.7 U	5.4 U	5.2 U	5 U	5 U	5 U	5.4 U	5 U	5 U	5.2 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5.7 U	5.4 U	5.2 U	5 U	5 U	5 U	5.4 U	5 U	5 U	5.2 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5.7 U	5.4 U	5.2 U	5 U	5 U	5 U	5.4 U	5 U	5 U	5.2 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5.7 U	5.4 U	5.2 U	5 U	5 U	5 U	5.4 U	5 U	5 U	5.2 U
Chrysene	218-01-9	ug/L	0.002	5.7 U	5.4 U	5.2 U	5 U	5 U	5 U	5.4 U	5 U	5 U	5.2 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5.7 U	5.4 U	5.2 U	5 U	5 U	5 U	5.4 U	5 U	5 U	5.2 U
Fluoranthene	206-44-0	ug/L	50	5.7 U	5.4 U	5.2 U	0.96 J	3.8 J	3.4 J	4.2 J	1.4 J	5 U	5.2 U
Fluorene	86-73-7	ug/L	50	5.7 U	5.4 U	2.4 J	2.6 J	13	8	15	4.3 J	5 U	5.2 U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5.7 U	5.4 U	5.2 U	5 U	5 U	5 U	5.4 U	5 U	5 U	5.2 U
Naphthalene	91-20-3	ug/L	10	5.7 U	5.4 U	1.4 J	1.6 J	45	5 U	3 J	6.2	5 U	5.2 U
Phenanthrene	85-01-8	ug/L	50	5.7 U	5.4 U	1.1 J	0.78 J	22	13	23	5.1	5 U	5.2 U
Pyrene	129-00-0	ug/L	NS	5.7 U	5.4 U	5.2 U	0.52 J	2.6 J	2.4 J	2.8 J	0.89 J	5 U	5.2 U

WG: water sample

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
2023-2024 PERIODIC REVIEW REPORT
NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)
GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2024

			Location ID	MW-04-06	MW-04-06	MW-04-06
			Field Sample ID	MW-04-06-10012021	MW-04-06-09212022	MW-04-06-10162023
			Lab Sample ID	480-190390-5	480-201944-5	480-213851-14
			Sample Date	10/1/2021	9/21/2022	10/17/2023
Chemical Name	CAS_RN	Unit	NYSDEC Class GA			
Volatile Organic Compounds (8260)						
Benzene	71-43-2	ug/L	1	1 U	1 U	1 U
Ethylbenzene	100-41-4	ug/L	5	1 U	1 U	1 U
Toluene	108-88-3	ug/L	5	1 U	1 U	1 U
Xylenes	1330-20-7	ug/L	5	2 U	2 U	2 U
Semi Volatile Organic Compounds (8270)						
Acenaphthene	83-32-9	ug/L	20	5 U	5 U	5.7 U
Acenaphthylene	208-96-8	ug/L	NS	5 U	5 U	5.7 U
Anthracene	120-12-7	ug/L	50	5 U	5 U	5.7 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	5 U	5.7 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	5 U	5.7 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	5 U	5.7 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	5 U	5.7 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	5 U	5.7 U
Chrysene	218-01-9	ug/L	0.002	5 U	5 U	5.7 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	5 U	5.7 U
Fluoranthene	206-44-0	ug/L	50	5 U	5 U	5.7 U
Fluorene	86-73-7	ug/L	50	5 U	5 U	5.7 U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	5 U	5.7 U
Naphthalene	91-20-3	ug/L	10	5 U	5 U	5.7 U
Phenanthrene	85-01-8	ug/L	50	5 U	5 U	5.7 U
Pyrene	129-00-0	ug/L	NS	5 U	5 U	5.7 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
2023-2024 PERIODIC REVIEW REPORT
NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)
GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2024

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

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ND: non-detect

Shaded: exceeds the Class GA Criteria/Standard

TABLE 5.2
2023-2024 PERIODIC REVIEW REPORT
NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)
GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2024

			Location ID	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
			Lab Sample ID	480-190390-4	480-201944-1	480-201944-2	480-213851-11
			Sample Date	10/1/2021	9/21/2022	9/21/2022	10/16/2023
Chemical Name	CAS_RN	Unit	NYSDEC Class GA				
Volatile Organic Compounds (8260)							
Benzene	71-43-2	ug/L	1	2 U	2 U	2 U	2 U
Ethylbenzene	100-41-4	ug/L	5	2 U	2 U	2 U	2 U
Toluene	108-88-3	ug/L	5	2 U	2 U	2 U	2 U
Xylenes	1330-20-7	ug/L	5	4 U	4 U	4 U	4 U
Semi Volatile Organic Compounds (8270)							
Acenaphthene	83-32-9	ug/L	20	1.9 J	2 J	1.8 J	2.2 J
Acenaphthylene	208-96-8	ug/L	NS	5 U	5.2 U	5.4 U	5.2 U
Anthracene	120-12-7	ug/L	50	5 U	5.2 U	5.4 U	5.2 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	5.2 U	5.4 U	5.2 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	5.2 U	5.4 U	5.2 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	5.2 U	5.4 U	5.2 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	5.2 U	5.4 U	5.2 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	5.2 U	5.4 U	5.2 U
Chrysene	218-01-9	ug/L	0.002	5 U	5.2 U	5.4 U	5.2 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	5.2 U	5.4 U	5.2 U
Fluoranthene	206-44-0	ug/L	50	5 U	5.2 U	5.4 U	5.2 U
Fluorene	86-73-7	ug/L	50	1 J	1.1 J	1 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
Naphthalene	91-20-3	ug/L	10	5 U	0.98 J	0.89 J	1.4 J
Phenanthrene	85-01-8	ug/L	50	5 U	5.2 U	5.4 U	1.1 J
Pyrene	129-00-0	ug/L	NS	5 U	5.2 U	5.4 U	5.2 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
2023-2024 PERIODIC REVIEW REPORT
NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)
GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2024

			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					
Volatile Organic Compounds (8260)								
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
Semi Volatile Organic Compounds (8270)								
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

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
2023-2024 PERIODIC REVIEW REPORT
NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)
GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2024

			Location ID	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
			Lab Sample ID	480-212817-1	480-213851-9	480-215302-2	480-217606-1
			Sample Date	9/15/2023	10/16/2023	11/30/2023	3/6/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA				
Volatile Organic Compounds (8260)							
Benzene	71-43-2	ug/L	1	39	110	28	21
Ethylbenzene	100-41-4	ug/L	5	5.5	18	2.9	1.1
Toluene	108-88-3	ug/L	5	1.2	4.3	0.58 J	1 U
Xylenes	1330-20-7	ug/L	5	5.4	18	3.9	1.3 J
Semi Volatile Organic Compounds (8270)							
Acenaphthene	83-32-9	ug/L	20	13	25	8	0.67 J
Acenaphthylene	208-96-8	ug/L	NS	4.8 J	9.3	3.1 J	5 U
Anthracene	120-12-7	ug/L	50	2.5 J	4.1 J	0.98 J	5 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	5.4 U	5 U	5 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	5.4 U	5 U	5 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	5.4 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
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	5.4 U	5 U	5 U
Chrysene	218-01-9	ug/L	0.002	5 U	5.4 U	5 U	5 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	5.4 U	5 U	5 U
Fluoranthene	206-44-0	ug/L	50	3.4 J	4.2 J	1.4 J	5 U
Fluorene	86-73-7	ug/L	50	8	15	4.3 J	5 U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	5.4 U	5 U	5 U
Naphthalene	91-20-3	ug/L	10	5 U	3 J	6.2	5 U
Phenanthrene	85-01-8	ug/L	50	13	23	5.1	5 U
Pyrene	129-00-0	ug/L	NS	2.4 J	2.8 J	0.89 J	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
2023-2024 PERIODIC REVIEW REPORT
NYSEG McMASTER STREET FORMER MGP SITE (SITE NO. 706010)
GROUNDWATER ANALYTICAL RESULTS: OCTOBER 2021 - MARCH 2024

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

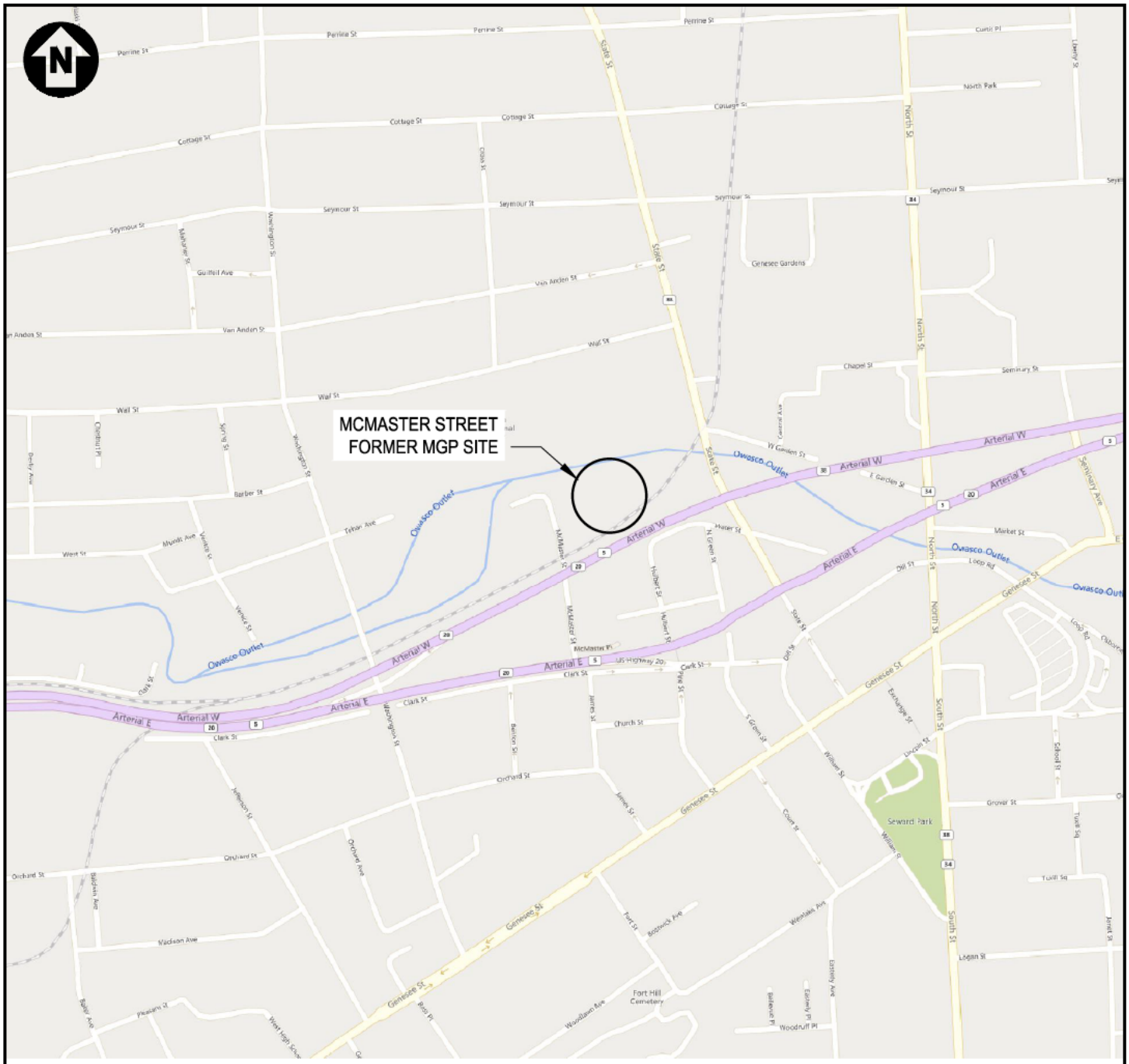
ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

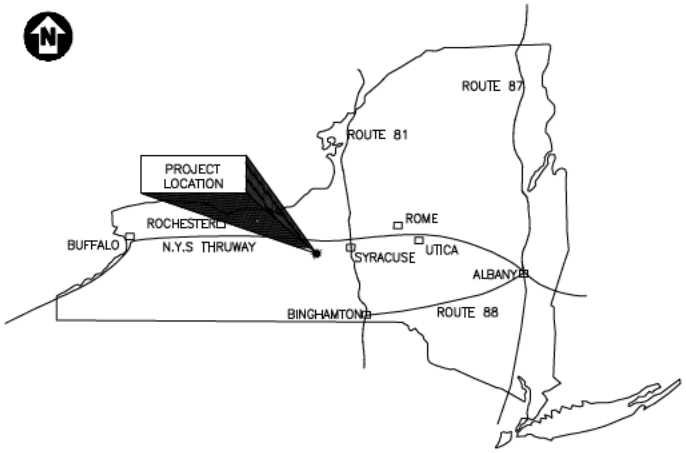
ND: non-detect

Shaded: exceeds the Class GA Criteria/Standard

FIGURES



NOT TO SCALE



THE STATE OF NEW YORK

NOT TO SCALE

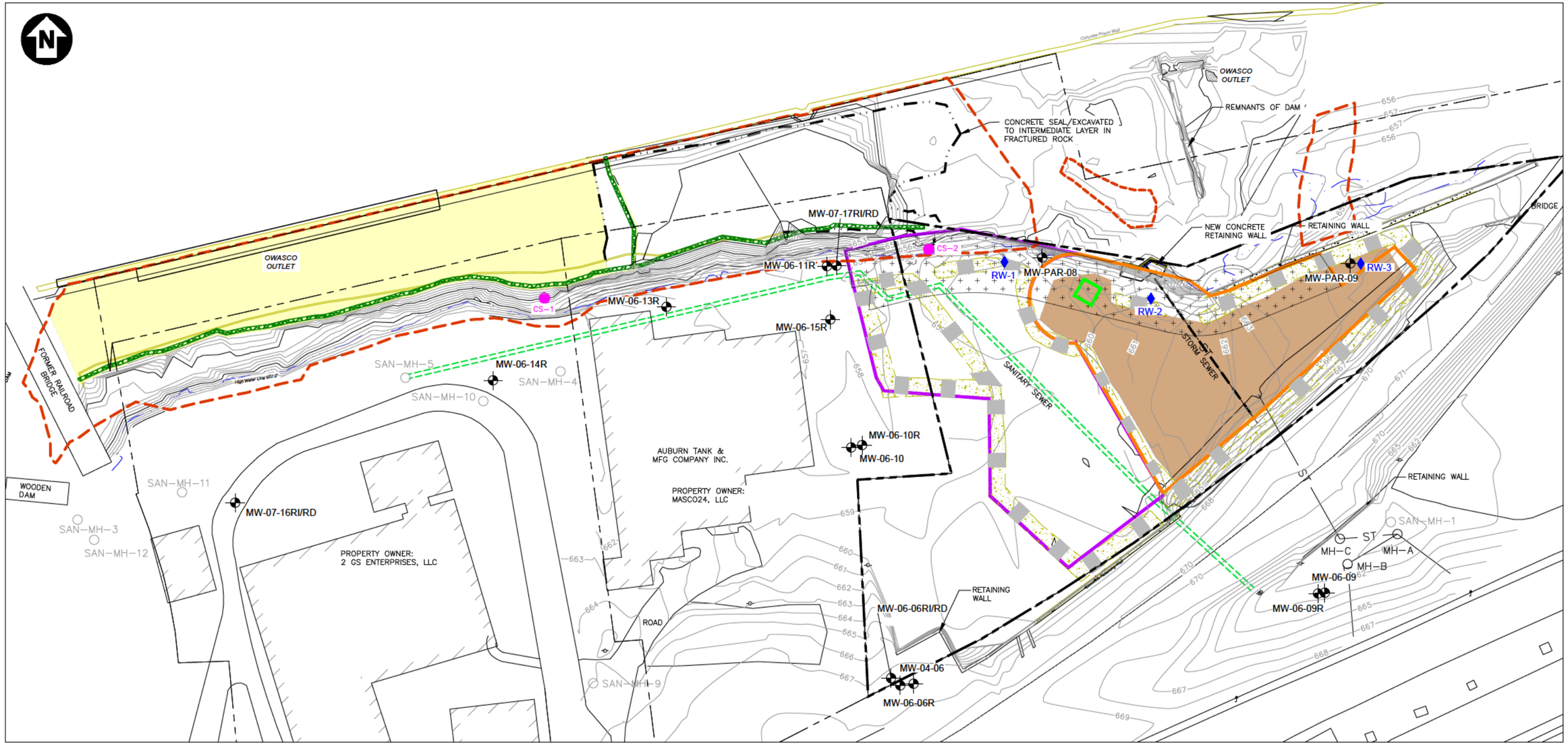
FIGURE 2.1

2023–2024 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

FILE NAME: P:\IBERDROLA_AVANGRID\452562 & 452563 AUBURN CLARK & MCMASTER STREETS\08 TECHNICAL\CAD\MCMASTER ST\2023-2024 PRR FIGURES\FIGURE 2.1 – SITE LOCATION MAP.DWG
PLOT DATE: 4/29/2024 8:19 AM PLOTTED BY: NASSIMOS, JEFFREY [US-US]



LEGEND:

- MAJOR CONTOUR
- MINOR CONTOUR
- HIGH WATER LINE 657.0'
- NYSEG PROPERTY LINE (NOTE 1)
- REMEDIAL CONSTRUCTION PHASE 1
- REMEDIAL CONSTRUCTION PHASE 2 (UTILITY TOWER)
- REMEDIAL CONSTRUCTION PHASE 3
- REMEDIAL CONSTRUCTION PHASE 4 EXCAVATION LIMITS
- MONITORING WELLS
- NAPL COLLECTION WELL
- NAPL COLLECTION SUMP
- SANITARY SEWER
- STORM SEWER
- SOIL STABILIZATION WALL
- SOIL STABILIZATION WALL REMOVED SECTION (NOTE 2)
- NAPL COLLECTION TRENCH
- EXCAVATED TO COMPETENT ROCK
- ECOLOGICAL BUFFER ZONE
- SITE COVER

NOTES:

1. THE ENVIRONMENTAL EASEMENT FOR MCMASTER STREET (APPENDIX A) CONTAINS THE ENTIRETY OF PARCEL 115.52-1-3. NO PARCEL BOUNDARY SURVEY WAS LOCATED DURING PREPARATION OF THIS DOCUMENT, THE LINE SHOWN IS ESTIMATED FOR ILLUSTRATION ONLY.
2. DESIGN LOCATION OF ISS WALL REMOVED SECTIONS FROM ARCADIS DESIGN DRAWING G22 "SOIL STABILIZATION WALL REMOVAL PLAN" AUGUST 2014.

60 30 0 60 120

SCALE: 1"=60'

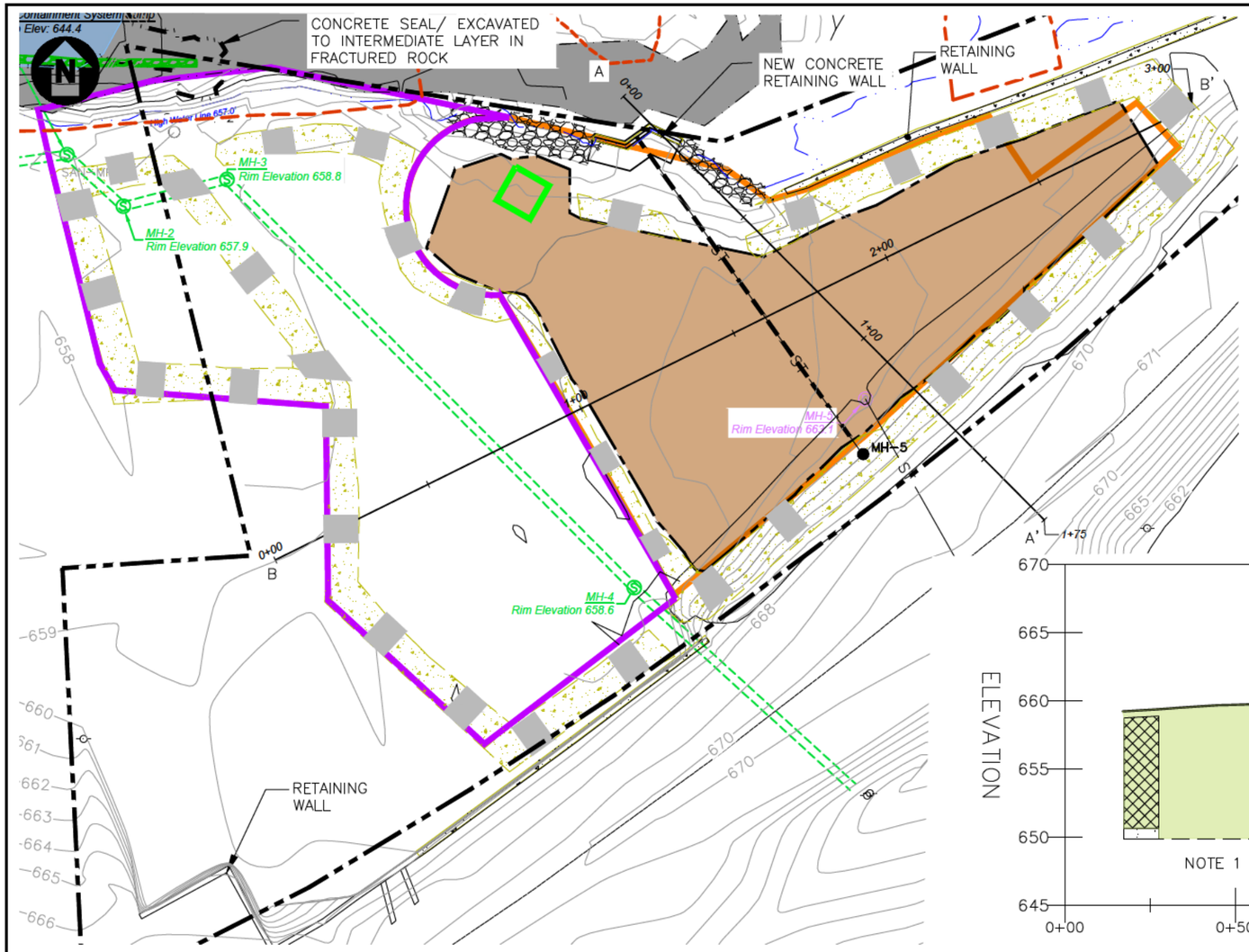
FIGURE 3.1

2023-2024 PERIODIC REVIEW REPORT
NYSEG MCMASTER STREET FORMER MGP SITE
(SITE NO. 706010)
AUBURN, NEW YORK

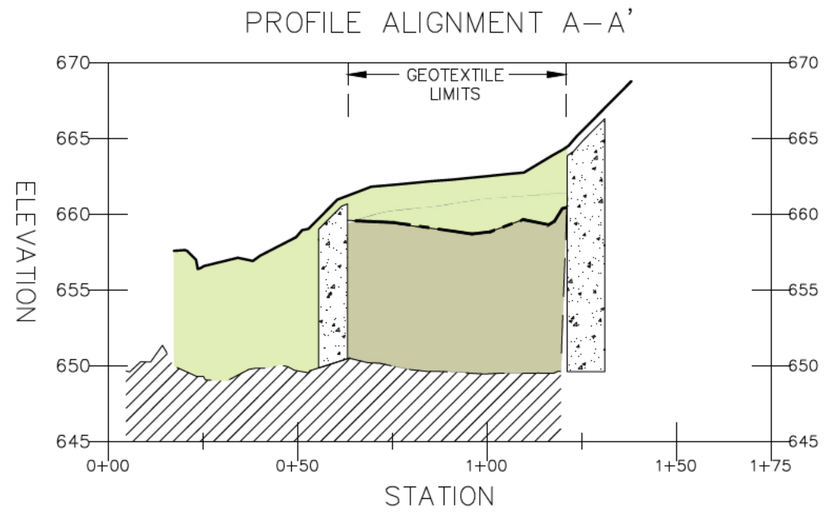
SITE/REMEDY LAYOUT

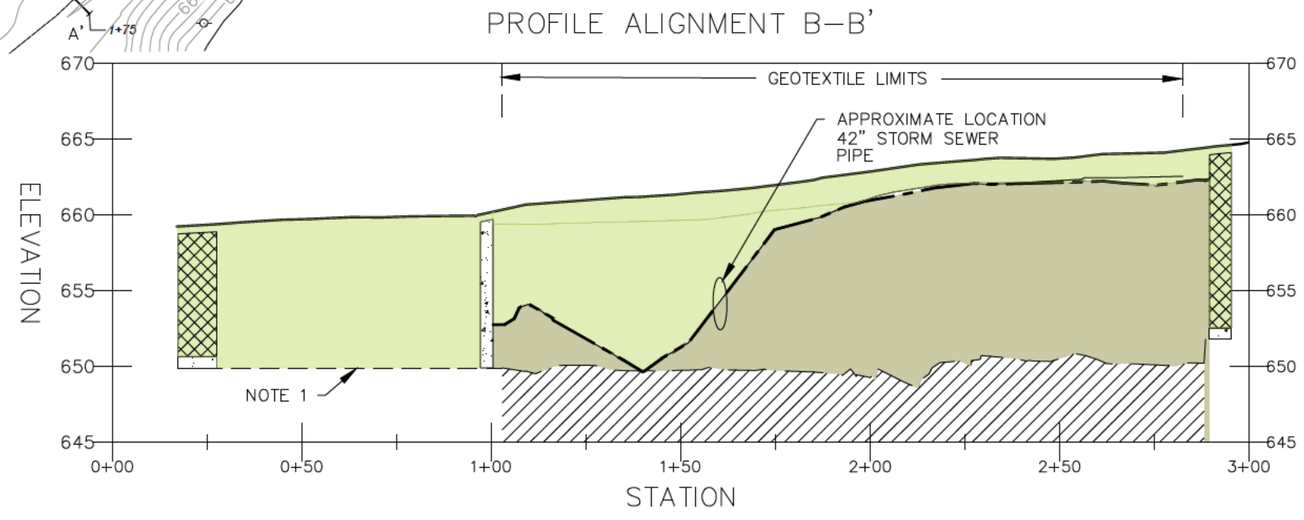
PARSONS
301 Plainfield Rd, Ste 350, Syracuse, NY, Ph: 315-451-9560

FILE NAME: P:\IBERDROLA_AVANGRID\452562 & 452563 AUBURN CLARK & MCMASTER STREETS\08 TECHNICAL\CAD\MCMASTER ST\2023-2024 PRR FIGURES\FIGURE 3.1 SITE AND REMEDY LAYOUT.DWG
PLOT DATE: 5/24/2024 1:02 PM PLOTTED BY: NASSIMOS, JEFFREY [US-US]



ISS LIMITS PLAN
1" = 40'–0"





LEGEND:

PLAN

- NYSEG PROPERTY LINE (FIGURE 3.1, NOTE 1)
- SANITARY SEWER
- STORM SEWER
- GEOTEXTILE LIMITS
- SOIL STABILIZATION WALL
- SOIL STABILIZATION WALL REMOVED SECTION (FIGURE 3.1, NOTE 2)
- HIGH WATER
- REMEDIAL CONSTRUCTION PHASE 1
- REMEDIAL CONSTRUCTION PHASE 2 (UTILITY TOWER)
- REMEDIAL CONSTRUCTION PHASE 3
- REMEDIAL CONSTRUCTION PHASE 4 EXCAVATION LIMITS
- SITE COVER

PROFILE

- ISS WALL SECTION REMOVED
- ISS WALL SECTION REMAINING
- GEOTEXTILE LIMITS
- GENERAL FILL
- REUSE MATERIAL
- BEDROCK

NOTES:

1. BEDROCK SURFACE FROM STATION 0+17 TO 1+03 IS APPROXIMATED FROM PHASE 3 AS–BUILT DATA TO FACILITATE PLACEMENT OF ISS WALL ON PROFILE FOR ILLUSTRATION.

40 20 0 40 80

PLAN AND PROFILE: 1"=40'
HORIZONTAL SCALE

10 5 0 10 20

PROFILE VERTICAL SCALE: 1"=10'

ISS LIMITS PROFILE
1" = 40'–0" HORIZONTAL
1" = 10'–0" VERTICAL 5X EXAGGERATION

FIGURE 3.2

2023–2024 PERIODIC REVIEW REPORT
NYSEG MCMASTER STREET FORMER MGP SITE
(SITE NO. 706010)
AUBURN, NEW YORK

COVER SYSTEM EXTENTS AND HORIZONTAL PROFILE

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

FILE NAME: P:\IBERDROLA_AVANGRID\452562 & 452563 AUBURN CLARK & MCMASTER STREETS\08 TECHNICAL\CAD\MCMASTER ST\2023-2024 PRR FIGURES\FIGURE 3.2 COVER SYSTEM EXTENTS AND HORIZONTAL PROFILE.DWG
PLOT DATE: 5/24/2024 1:07 PM PLOTTED BY: NASSIMOS, JEFFREY [US–US]

LEGEND:

- EDGE OF WATER
- EXISTING TOPOGRAPHIC CONTOUR (NOTE 1)
- NYSEG PROPERTY LINE (FIGURE 3.1, NOTE 1)
- AREA OF INVASIVE SPECIES MANAGEMENT
- DOCUMENTED INVASIVE SPECIES
- BANK STONE
- BANK TOE PROTECTION
- ECOLOGICAL BUFFER SEEDING
- BOULDER CLUSTER
- VEG-01 VEGETATION PLOT

NOTES:

1. THE SURFACE SHOWN PROVIDED BY THEW ASSOCIATES, PHASE IV FINISH GRADE PROVIDED TO PARSONS IN FEBRUARY 2019.

60 30 0 60 120

SCALE: 1"=60'

FIGURE 5.1

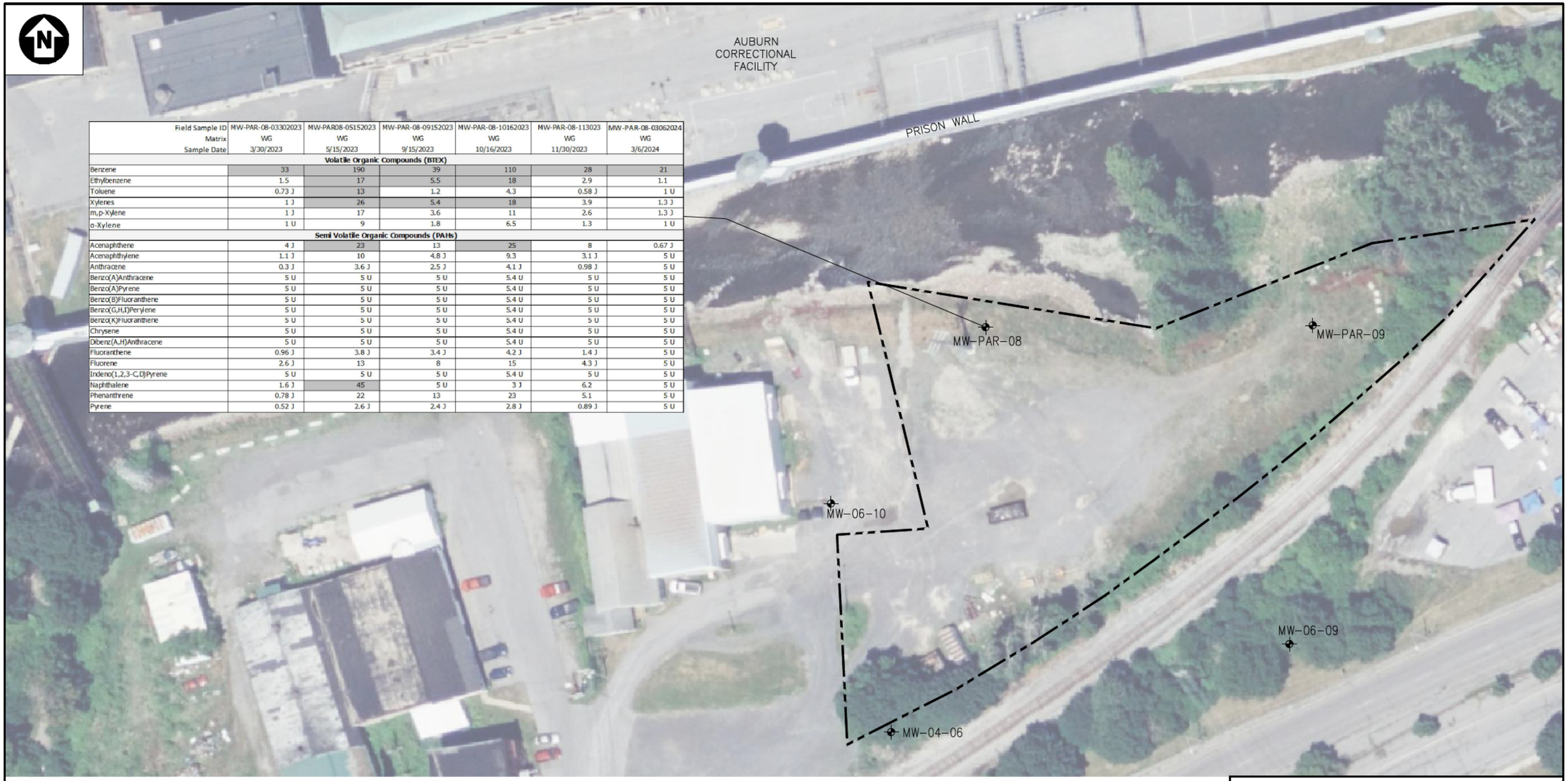
2023-2024 PERIODIC REVIEW REPORT
NYSEG MCMASTER STREET FORMER MGP SITE
(SITE NO. 706010)
AUBURN, NEW YORK

VEGETATION PLOTS AND AREAS OF INVASIVE SPECIES MANAGEMENT

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

FILE NAME: P:\IBERDROLA_AVANGRID\452562 & 452563 AUBURN CLARK & MCMASTER STREETS\08 TECHNICAL\CAD\MCMASTER ST\2023-2024 PRR FIGURES\FIGURE 5.1 VEGETATION PLOTS AND AREAS OF INVASIVE SPECIES MANAGEMENT.DWG
PLOT DATE: 5/28/2024 2:02 PM PLOTTED BY: NASSIMOS, JEFFREY [US-US]

Field Sample ID	MW-PAR-08-03302023	MW-PAR08-05152023	MW-PAR-08-09152023	MW-PAR-08-10162023	MW-PAR-08-113023	MW-PAR-08-03062024
Matrix	WG	WG	WG	WG	WG	WG
Sample Date	3/30/2023	5/15/2023	9/15/2023	10/16/2023	11/30/2023	3/6/2024
Volatile Organic Compounds (BTEX)						
Benzene	33	190	39	110	28	21
Ethylbenzene	1.5	17	5.5	18	2.9	1.1
Toluene	0.73 J	13	1.2	4.3	0.58 J	1 U
Xylenes	1 J	26	5.4	18	3.9	1.3 J
m,p-Xylene	1 J	17	3.6	11	2.6	1.3 J
o-Xylene	1 U	9	1.8	6.5	1.3	1 U
Semi Volatile Organic Compounds (PAHs)						
Acenaphthene	4 J	23	13	25	8	0.67 J
Acenaphthylene	1.1 J	10	4.8 J	9.3	3.1 J	5 U
Anthracene	0.3 J	3.6 J	2.5 J	4.1 J	0.98 J	5 U
Benzo(A)Anthracene	5 U	5 U	5 U	5.4 U	5 U	5 U
Benzo(A)Pyrene	5 U	5 U	5 U	5.4 U	5 U	5 U
Benzo(B)Fluoranthene	5 U	5 U	5 U	5.4 U	5 U	5 U
Benzo(G,H,I)Perylene	5 U	5 U	5 U	5.4 U	5 U	5 U
Benzo(K)Fluoranthene	5 U	5 U	5 U	5.4 U	5 U	5 U
Chrysene	5 U	5 U	5 U	5.4 U	5 U	5 U
Dibenz(A,H)Anthracene	5 U	5 U	5 U	5.4 U	5 U	5 U
Fluoranthene	0.96 J	3.8 J	3.4 J	4.2 J	1.4 J	5 U
Fluorene	2.6 J	13	8	15	4.3 J	5 U
Indeno(1,2,3-C,D)Pyrene	5 U	5 U	5 U	5.4 U	5 U	5 U
Naphthalene	1.6 J	45	5 U	3 J	6.2	5 U
Phenanthrene	0.78 J	22	13	23	5.1	5 U
Pyrene	0.52 J	2.6 J	2.4 J	2.8 J	0.89 J	5 U



LEGEND:

NYSEG PROPERTY LINE (FIGURE 3.1, NOTE 1)

OVERBURDEN MONITORING WELL

NOTES:

1. VALUES SHOWN IN ug/L.
2. TABLE QUALIFIERS:
   - 2.A. U: COMPOUNDS NOT DETECTED ABOVE THE REPORTING LIMIT
   - 2.B. J: ESTIMATED VALUE
3. SHADED VALUES INDICATE COMPOUNDS WITH VALUES EXCEEDING THE NYS CLASS GA STANDARDS CRITERIA.
4. ONLY RESULTS FOR MW-PAR-08 ARE SHOWN FOR THE REPORTING PERIOD. NO COMPOUNDS EXCEEDING THE NYS CLASS GA STANDARDS CRITERIA WERE DETECTED IN MW-04-06, MW-06-09, MW-06-10 OR MW-PAR-09 DURING THE REPORTING PERIOD.

60 30 0 60 120

SCALE: 1"=60'

FIGURE 5.2

2023-2024 PERIODIC REVIEW REPORT
NYSEG MCMASTER STREET FORMER MGP SITE
(SITE NO. 706010)
AUBURN, NEW YORK

GROUNDWATER MONITORING ANALYTICAL RESULTS MARCH 2023 - MARCH 2024

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

FILE NAME: P:\IBERDROLA_AVANGRID\452562 & 452563 AUBURN CLARK & MCMASTER STREETS\08 TECHNICAL\CAD\MCMASTER ST\2023-2024 PRR FIGURES\FIGURE 5.2 GROUNDWATER MONITORING ANALYTICAL RESULTS - MARCH 2023 - MARCH 2024.DWG
PLOT DATE: 6/3/2024 12:25 PM PLOTTED BY: NASSIMOS, JEFFREY [US-US]

APPENDIX A ENVIRONMENTAL EASEMENT

CAYUGA COUNTY – STATE OF NEW YORK
SUSAN M. DWYER, COUNTY CLERK
160 GENESEE ST 1ST 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

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

Record and Return To:

ELECTRONICALLY RECORDED BY CSC INGEO

Record & Return to: Barclay Damon LLP 2100 First Star Bank Plaza 100 Chestnut Street Rochester, NY 14604

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

THIS INDENTURE made this 18th 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

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.

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 18th 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

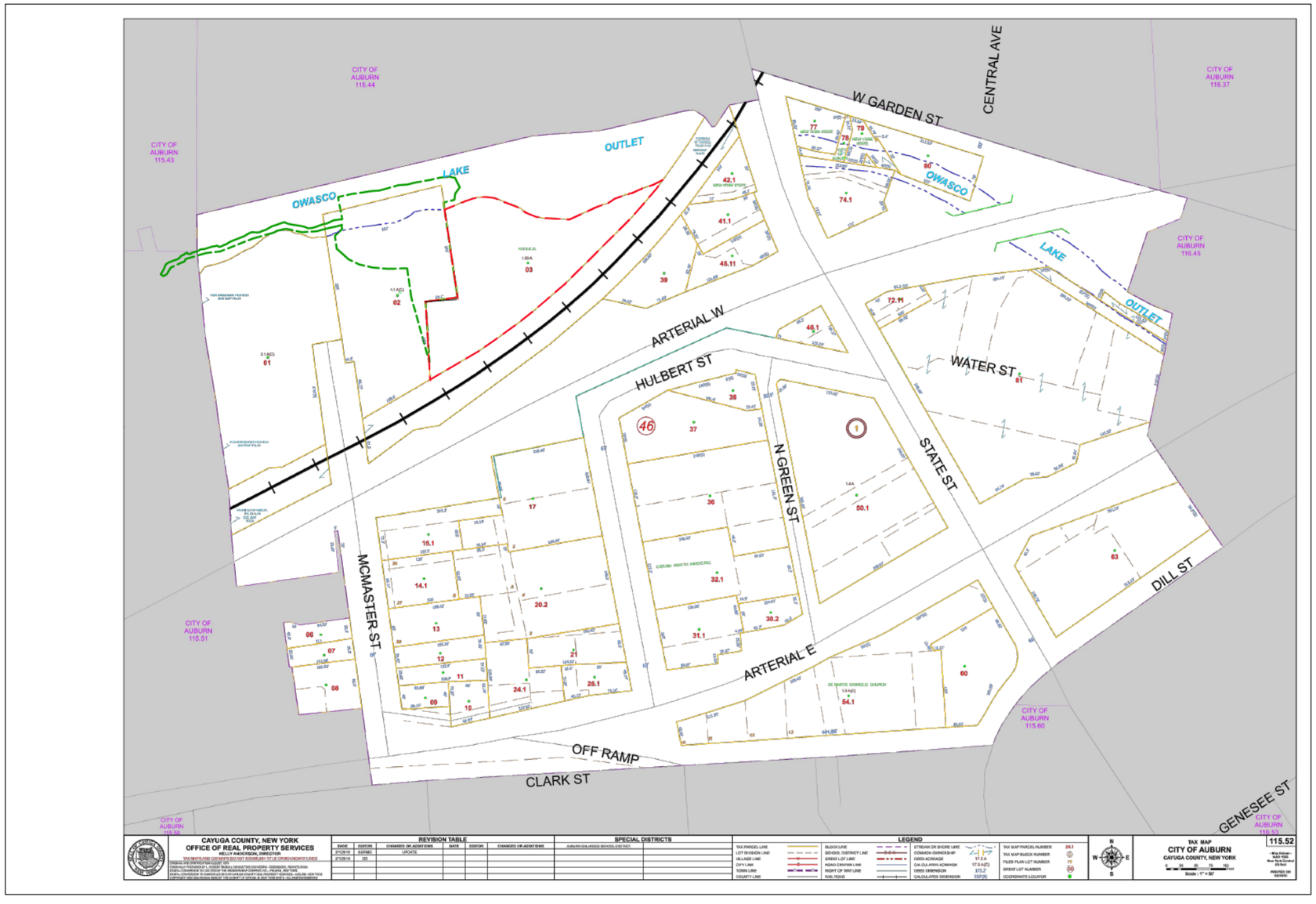
Drew A. Wellette
Notary Public, State of New York
Qualified in Schenectady Co.
No. 01WE6089074
Commission Expires 03/17/ 2023

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 RAIROAD; 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

FILE NAME: P:\IBERDROLA_AVANGRID\449526 AUBURN MCMASTER STREET 2018\07 CAD ASBUILT SURVEYS\CAD\FER\FIGURE 3-CITY OF AUBURN TAX MAP.DWG
PLOT DATE: 2/15/2021 12:22 PM PLOTTED BY: NASSIMOS, JEFFREY

APPENDIX B IC/EC CERTIFICATION FORM

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

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: January 30, 2023 to May 30, 2024

	YES	NO
1. Is the information above correct?	☒	☐
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? Commercial and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

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

SITE NO. 706010 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional 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

Box 4

Description of Engineering Controls

Parcel	Engineering Control
115.52-01-03	Cover System Monitoring Wells

• coal tar recovery wells
• site cover system

Box 5

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 compete.

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 (print name) at 18 Link Drive, Binghamton, NY 13902 (print business address),

am certifying as Owner (Owner or Remedial Party)

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

LeviaTerrll — Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

6/3/2024 — Date

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.

Jeffrey Poulsen, PG (print name) at 40 LaRiviere Drive, Buffalo, NY 14202 (print business address),

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

June 3, 2024

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date