
**2024 - 2025 PERIODIC REVIEW REPORT
CLARK STREET FORMER MANUFACTURED GAS PLANT SITE
AUBURN, NEW YORK
NYSDEC SITE NUMBER: 706008**

Prepared For:



PO Box 5524
Binghamton, NY 13902-5224

Prepared By:



301 Plainfield Road, Suite 350
Syracuse, New York 13212

MAY 2025

REVISED DECEMBER 2025

CERTIFICATION STATEMENT

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

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

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



JEFFREY POULSEN, PG (#000028)

DECEMBER 22, 2025

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY	1-1
2.0 SITE OVERVIEW.....	2-1
2.1 Site Description.....	2-1
2.2 Remedial Program	2-1
2.2.1 Remedial Action Objectives	2-1
2.2.2 Selected Remedy.....	2-2
2.2.3 Implementation of the Remedy	2-2
3.0 REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS.....	3-1
3.1 Excavation, Treatment, and Disposal.....	3-1
3.2 Cover System	3-1
3.3 NAPL Collection Program	3-1
3.4 Sediment Removal.....	3-2
3.5 Owasco Outlet Restoration	3-2
3.6 Institutional Controls/Engineering Controls.....	3-2
4.0 INSTITUTIONAL CONTROLS/ENGINEERING CONTROLS PLAN COMPLIANCE	4-1
4.1 Institutional Controls/Engineering Controls Requirements and Compliance.....	4-1
4.1.1 Institutional Controls.....	4-1
4.1.2 Engineering Controls.....	4-1
4.1.3 Status of Institutional Controls/Engineering Controls.....	4-1
4.1.4 Corrective Measures.....	4-2
4.1.5 Conclusions and Recommendations	4-2
4.2 Institutional Controls/Engineering Controls Certification.....	4-2
5.0 MONITORING PLAN COMPLIANCE REPORT	5-1
5.1 Components of the Monitoring Plan	5-1
5.2 Inspections Completed During Reporting Period	5-1
5.2.1 Cover System Inspection	5-1
5.2.2 Invasive Species Inspection.....	5-2
5.2.3 Site Access Inspection.....	5-2
5.3 Monitoring Completed During Reporting Period	5-2
5.3.1 Groundwater Monitoring Program	5-2

5.3.2 NAPL Collection Program	5-2
5.4 Comparison with Remedial Objectives.....	5-4
5.4.1 Cover System.....	5-4
5.4.2 Invasive Species	5-4
5.4.3 Site Access	5-4
5.4.4 Groundwater Monitoring Program	5-4
5.4.5 NAPL Collection Program.....	5-4
5.5 Inspection and Monitoring Deficiencies.....	5-6
5.6 Conclusions and Recommendations for Changes	5-6
6.0 MAINTENANCE PLAN COMPLIANCE REPORT	6-1
6.1 Components of the Maintenance Plan	6-1
6.2 Maintenance Completed During Reporting Period.....	6-1
6.3 Comparison with Remedial Objectives.....	6-1
6.4 Maintenance Plan Deficiencies	6-1
6.5 Conclusions and Recommendations for Changes	6-1
7.0 CONCLUSIONS AND RECOMMENDATIONS.....	7-1
7.1 Compliance with SMP	7-1
7.2 Performance and Effectiveness of Remedy.....	7-1
7.3 Future Periodic Review Report Submittals.....	7-1
8.0 REFERENCES.....	8-1

LIST OF TABLES

Table 5.1 Groundwater Analytical Results: September 2024
Table 5.2 Passive NAPL Removal Volumes: March 2024 – March 2025
Table 5.2.1 Active NAPL Removal Volumes: March 2024 - March 2025
Table 5.3 Groundwater Analytical Results: September 2021 – September 2024
Table 5.4 NAPL Removal Volumes: October 2021 – March 2025

LIST OF FIGURES

Figure 2.1 Site Location Map

Figure 3.1 Site/Remedy Layout

Figure 3.2 Cover System Extents and Horizontal Profile

Figure 5.1 Vegetation Plots

Figure 5.2 Groundwater Monitoring Analytical Results – 2024

Figure 5.3 Accumulated NAPL Thickness by Recovery Well Collected Using the Active Removal Method – March 2024 – March 2025 *(included in body of text)*

Figure 5.4 Total BTEX Concentration by Monitoring Well – 2021 through 2024 *(included in body of text)*

Figure 5.5 Total PAH Concentrations by Monitoring Well – 2021 through 2024 *(included in body of txt)*

Figure 5.6 Accumulated NAPL Thickness by Recovery Well Collected Using the Active Removal Method – January 2022 – March 2025 *(included in body of text)*

LIST OF APPENDICES

APPENDIX A ENVIRONMENTAL EASEMENT

APPENDIX B IC/EC CERTIFICATION FORM

LIST OF ACRONYMS

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

1.0 EXECUTIVE SUMMARY

New York State Electric and Gas Corporation (NYSEG) entered into an Order on Consent (Index No. DO-0002-9309) with the New York State Department of Environmental Conservation (NYSDEC) in March 1994, to investigate and, where necessary, remediate 33 former Manufactured Gas Plant (MGP) sites in New York State (NYSDEC 2009). One of these sites, the Clark Street Former MGP Site (NYSDEC Site No. 706008) (Site) is an approximately 1.6-acre property located on Clark 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 June 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 a Site-adjacent portion of the Owasco Outlet.

In accordance with the *Site Management Plan* (SMP; Parsons 2021), sitewide inspections and monitoring were completed at the Site for the May 13, 2024 to May 13, 2025 reporting period. Sitewide inspections included cover system (erosion and vegetation), invasive species, and site access control 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 and Site access controls remain in place. A visual erosion inspection and a qualitative vegetative survey 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 were generally dominated by perennial native grasses and herbs.

Sampling conducted in 2024 marked the fourth annual post-remedy monitoring event (previous events occurred in 2021, 2022, and 2023). A network of six monitoring wells is being used for annual post-remedy groundwater monitoring. Groundwater samples were collected from all six monitoring wells in the network, analyzed for BTEX and PAHs, and concentrations were compared to NYSDEC Class GA Ambient Water Quality Standards (AWQS). Groundwater analytical results in 2024 for BTEX exceeded criteria in five wells, with the highest detection (MW-10D) for a single BTEX analyte as 2,100 micrograms per liter (ug/L) (ethylbenzene). Summed concentrations of BTEX for each of the samples collected ranged from not detected (<5 ug/L) to 3,231 ug/L. Groundwater analytical results for PAHs exceeded criteria in five monitoring wells with the highest detection for a single PAH analyte as 9,000 ug/L (naphthalene). From 2021 to 2024, BTEX concentrations remained stable in one monitoring well (MW-01B with concentrations being non-detect [<5 ug/L]) and BTEX in all wells has remained relatively stable from 2021 through 2024. PAH concentrations are generally consistent over the past three years, with naphthalene and acenaphthene typically exceeding the criteria in five wells.

A network of 10 NAPL collection wells are being used for quarterly NAPL removal at the Site. NAPL removal was conducted in 2024 (March, June, September, and November) and 2025 (March). Previous NAPL removal occurred in 2021 (August, October, and November), 2022 (January, May, September, and November), and 2023 (March, May, September, and November). Quantities of recovered NAPL continue to decrease from 2021 with measurable quantities only being observed in three wells (RW-03, RW-04, and RW-07).

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. No 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 Clark Street Former MGP Site (NYSDEC Site No. 706008) (Site) is an approximately 1.6-acre property (a portion of Block 2, Lot 37) located on Clark Street in Auburn, Cayuga County, New York (**Figure 2.1**). The Site was remediated in accordance with the remedy selected by the NYSDEC in the ROD (NYSDEC 2009). In addition to the Site, adjacent off-site areas were remediated, including a Site-adjacent portion of the Owasco Outlet.

The Site consists of an empty lot covered with compacted gravel and is bounded by the Owasco Outlet to the north and east, a Finger Lakes Railway railroad right-of-way and U.S. Route 20 to the south, and a vehicle maintenance shop to the west. The Owasco Outlet is bounded by the Site and commercial businesses to the south, residences and a commercial business to the north, residences to the east, and North Division Street to the west.

2.2 Remedial Program

2.2.1 Remedial Action Objectives

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 (NYSDEC 2009) are as follows:

Soil RAOs

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

Groundwater RAOs

1. Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards
2. Prevent contact with contaminated groundwater
3. Prevent inhalation of contaminants from groundwater
4. Prevent discharge of contaminated groundwater to surface water
5. Restore the groundwater aquifer to meet ambient groundwater quality criteria to the extent practicable

Soil Vapor RAOs

1. Mitigate impacts to public health resulting from the potential for soil vapor intrusion into future buildings at a site

Sediment RAOs

1. Prevent direct contact with contaminated sediments

2. Prevent releases of MGP-related contaminants from sediment that would result in surface water levels exceeding the ambient water quality criteria
3. Prevent impacts to biota from ingestion/direct contact with MGP-related sediments causing toxicity and impacts from bioaccumulation through the aquatic food chain
4. Restore, to the extent practicable, MGP-impacted sediments to site background conditions

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 (NYSDEC 2009). The remedy consisted of the following:

1. Excavation to the top of bedrock of all soil containing PAH concentrations greater than 500 parts per million (ppm) or soil containing visual tar or NAPL (approximately 17,000 cubic yards). Off-site disposal and treatment for excavated soil. Following excavation but prior to backfill a fabric "demarcation" layer provided to mark the limit of the removal.
2. Coverage of the entire site with at least one foot of backfill material that satisfies the soil cleanup objectives (SCOs) for restricted commercial use and the protection of groundwater. 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 system. 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.
3. Implementation of a bedrock NAPL collection program, including implementation of a pilot study. Fourteen NAPL recovery wells designed and strategically placed with the goal of maximizing the recovery of NAPL from the bedrock.
4. Removal of approximately 100 cubic yards of sediment to the bedrock at locations SED-9 and SED-12. Undertaking a sampling program in the Owasco Outlet to delineate contamination in the sediment area of concern to the bedrock. Removal of sediments containing visible tar, produce a tar-related sheen when agitated in water, or which contain site-related PAH compounds at levels above upstream background levels.
5. 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).
6. Imposition of an IC in the form of an environmental easement that will require (a) limiting the use and development of the property to commercial use, which will also permit industrial use; (b) compliance with the approved SMP (Parsons 2021), (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 June 2015 to March 2021 in five phases and included:

1. Phase 1 – Upland Remediation to Support Utility Relocation (June 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
2. Phase 2 – Utility Relocation (October 2015 to January 2016)
 - Relocation of subsurface gas lines and yard light

- Removal of electrical substation
 - Installation of new overhead utilities
3. Phase 3 – Remediation of Remaining Upland Portion (January 2016 to June 2016)
- Installation of ISS wall to provide excavation stability and minimize ground and surface water infiltration
 - Excavation of remaining upland soil and portions of ISS wall
 - Placement of backfill
4. Phase 4 – Sediment Remediation and Final Site Restoration (June 2018 to December 2018)
- Removal of sediment from the Owasco Outlet
 - Restoration of the Site
5. Phase 5 – Implementation of a bedrock NAPL collection program (March 2021 to Current)
- Ten NAPL collection wells were installed in accordance with the NAPL Collection Well installation Plan and have been utilized for reporting from 2021 to 2024.
 - Quarterly gauging and NAPL removal from all ten NAPL collection wells

3.0 REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

The Clark Street Former Manufactured Gas Plant (MGP) Site (NYSDEC Site No. 7-06-008) (Site) is a 3-acre site in Auburn, New York that has been remediated to commercial-use criteria as per an Order on Consent (Index #DO-0002-9309) entered by the New York State Electric and Gas Corporation (NYSEG) with the New York State Department of Environmental Conservation (NYSDEC). The 3-acre site explained in the ROD and approved Remedial Design includes portions of the Owasco Outlet water body, while the Environmental Easement includes only the land portion with a site area of 1.6 acres. Remediation of the Site was completed from June 2015 to December 2018. The remedy was effective in achieving the RAOs as described in the ROD.

3.1 Excavation, Treatment, and Disposal

Excavation, treatment, and disposal at the Site was effective in meeting the Soil RAOs for the Site. Excavation at the Site was completed to the top of bedrock within an ISS wall during Phases 1 and 3 of the remedy (**Figure 3.1**). Approximately 27,900 tons of soil containing PAH concentrations greater than 500 ppm or soil containing visual tar or NAPL was transported off-site for treatment and disposal. Excavated soil that had no visible tar or NAPL and PAH concentrations of less than 500 ppm, was eligible for on-site reuse as backfill. Approximately 4,900 tons of reuse eligible soil was 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 550 cubic yards of the ISS wall were removed and managed consistently 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 restricted commercial use and the protection of groundwater. 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. Ten bedrock NAPL collection wells (RW-01 through RW-10) were installed around the perimeter of the upland portion of the Site from March 29, 2021, through April 26, 2021, as shown on **Figure 3.1**. Collection wells were installed to depths of approximately 24 to 73 feet in areas where NAPL has historically been observed. NAPL collection well locations were selected based on the results of the

multi-year NAPL monitoring program conducted by Arcadis from 2010 through 2015 (Arcadis 2012 and 2015) and are expected to optimize NAPL collection at the Site.

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. In accordance with the ROD, all sediment containing visible tar, producing an MGP-related sheen when agitated in water, or containing Site-related PAH compounds that exceeded upstream background levels (i.e., 62 ppm) was removed from the Owasco Outlet. Sediment removal limits were expanded based on the results of a sampling program that occurred in the Owasco Outlet to delineate contamination in the sediment area of concern to bedrock and also to include visual removal of sediment that produced a sheen as indicated on **Figure 3.1**.

After completion of the remedy, one sample location (T-12-C) remained where PAH compounds exceeded background levels of 62 ppm (150 ppm) and produced a sheen (**Figure 3.1**). However, during the Supplemental Remedial Investigation, environmental forensic analysis was completed on sediment samples to assess sources of PAH contamination; during this analysis, PAH compounds at sample location T-12-C were determined to show characteristics indicative of multiple PAH sources unrelated to the MGP. Since no contamination remains in Owasco Outlet sediment that is attributable to the MGP (i.e., sediment containing visible tar, producing an MGP-related sheen when agitated in water, or containing Site-related PAH compounds that exceeded upstream background levels), 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 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 May 13, 2024 to May 13, 2025 reporting period, the Site ICs/ECs remain in place.

4.1.1 Institutional Controls

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

The environmental easement for the Site was executed by the NYSDEC on August 18, 2020 and filed with the Cayuga County Clerk on September 3, 2020. The receipt number for this filing is 2020242965, deed number 2020-197719. A copy of the easement and proof of filing is provided in **Appendix A**.

4.1.2 Engineering Controls

ECs are provided by two components: a cover system and fencing/access control.

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 restricted commercial use and the protection of groundwater. 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 3.2** presents the location of the cover system 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 (HASP) and associated Community Air Monitoring Plan (CAMP) prepared for the Site and provided in Appendices G and H of the SMP, respectively.

Site access is controlled with a secured entry gate.

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 May 13, 2024 to May 13, 2025 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 May 13, 2024 to May 13, 2025 reporting period.

4.1.5 Conclusions and Recommendations

No deficiencies in the ICs/ECs were identified during the May 13, 2024 to May 13, 2025 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: <ol style="list-style-type: none"> 1. Cover System Inspection 2. Invasive Species Inspection 3. Fencing or other means to control site access 	Frequency: <ol style="list-style-type: none"> 1. Annually 2. Annually 3. Annually
Monitoring: <ol style="list-style-type: none"> 1. Groundwater Monitoring Program 2. NAPL Collection Program 	Frequency: <ol style="list-style-type: none"> 1. Annually 2. Quarterly/As needed
Reporting: <ol style="list-style-type: none"> 1. Groundwater Monitoring Report 2. NAPL Collection Report 3. Periodic Review Report 	Frequency: <ol style="list-style-type: none"> 1. Annually 2. Quarterly/As needed 3. Annually

5.2 Inspections Completed During Reporting Period

Inspections were completed at the Site during the May 13, 2024 to May 13, 2025 reporting period and included cover system, invasive species, and site access control 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 December 18, 2024 to assess cover system condition and effectiveness. The reporting period inspection results verified that the cover system remains compliant with the design intent. A visual erosion inspection and a qualitative vegetative survey were performed. The visual erosion inspection results indicated that the cover system was intact, with no observed erosion or bare spots. See inspection form in Appendix E of the 2024 Quarterly Monitoring and Annual Sampling Update memo that was submitted to the NYSDEC by email dated May 13, 2025. The vegetation inspection indicated that overall percent cover of seeded areas was 100 percent, exceeding the performance goal of 85 percent cover. Vegetation plots were generally dominated by perennial native grasses and herbs including switchgrass (*Panicum virgatum*) and Canada goldenrod (*Solidago canadensis*). No invasive species were observed during the qualitative vegetation survey. See photo log in Appendix D of the 2024 Quarterly Monitoring and Annual Sampling Update memo.

The qualitative survey also documented the presence of woody planted and naturally colonizing trees and shrubs. Natural colonization of the Site by native woody trees is high. Numerous saplings of eastern cottonwood (*Populus deltoides*), eastern sycamore (*Platanus occidentalis*), staghorn sumac (*Rhus typhina*), box elder (*Acer negundo*), and black walnut (*Juglans nigra*) were found on Site. A final quantitative plot survey will be performed in 2025 to confirm that the Site has met performance goals.

5.2.2 Invasive Species Inspection

A vegetated bank covers the north and northwest banks of the site; along this bank there are five vegetation plots along with an ecological seeding buffer zone (See Figure 5.1). An invasive species inspection was performed on December 18, 2024. No invasive species were observed during the inspection. See photo log in Appendix D of the 2024 Quarterly Monitoring and Annual Sampling Update memo.

5.2.3 Site Access Inspection

Site access is controlled with a secured entry gate. The gate was in place and secured during the Site access inspection on December 18, 2024.

5.3 Monitoring Completed During Reporting Period

Monitoring was completed at the Site during the May 13, 2024 to May 13, 2025 reporting period and included groundwater monitoring and NAPL removal.

5.3.1 Groundwater Monitoring Program

A network of six monitoring wells is being used for annual groundwater monitoring at the Site. Overburden monitoring well MW-01B is located at the southeastern border of the Site and serves as an upgradient monitoring well. Three bedrock wells north of the Owasco Outlet (MW-08D, MW-09D, and MW-10D) are also monitored due to historic impacts. Two additional overburden monitoring wells (PAR-MW-01 and PAR-MW-02) were installed at the Site in 2021 to supplement the pre-existing well network. Groundwater samples are collected annually and analyzed for BTEX and PAHs.

An annual groundwater sampling event was conducted on September 24, 2024. Groundwater samples were collected from monitoring wells MW-01B, MW-08D, MW-09D, MW-10D, PAR-MW-01, and PAR-MW-02 and analyzed for BTEX and PAHs. The laboratory analytical results are provided in **Table 5.1**. BTEX and PAH concentrations were compared to NYSDEC Class GA AWQS, which are listed in the Division of Water Technical and Operational Guidance Series (1.1.1). The NYSDEC Class GA AWQS are referred to as “criteria” in the following paragraphs.

Groundwater analytical results in 2024 for BTEX exceeded criteria in MW-08D, MW-09D, MW-10D, MW-PAR-01, and MW-PAR-02. The highest detection for a single BTEX analyte was 2,100 ug/L of ethylbenzene in MW-10D. The concentrations of BTEX were summed for each of the groundwater samples collected. Concentrations of BTEX in 2024 ranged from not detected (<5 ug/L) in MW-01B to 3,231 ug/L in MW-10D.

Groundwater analytical results for PAHs exceeded criteria in MW-08D, MW-09D, MW-10D, MW-PAR-01, and MW-PAR-02. The highest detection for a single PAH analyte was 9,000 ug/L of naphthalene in MW-09D.

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

5.3.2 NAPL Collection Program

A network of 10 NAPL collection wells are being used for quarterly NAPL removal at the Site. NAPL collection wells are presented on **Figure 3.1**.

NAPL removal was conducted in 2024 (March, June, September, and November) and 2025 (March) and was performed using a combination of passive and active removal methods. See Appendix A-2 of the 2024 Quarterly Monitoring and Annual Sampling Update memo for the NAPL removal field logs from this reporting period.

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 RW-01, RW-02, RW-05, RW-06, RW-08, RW-09, and RW-10 during the 2024 and March 2025 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. Passive NAPL removal volumes are provided in **Table 5.2**.

The active removal method consisted of removing NAPL accumulated within a recovery well using a peristaltic pump. Active NAPL recovery allowed for direct measurement of NAPL thickness in wells with accumulating product. Sufficient NAPL to warrant active removal was observed in RW-03, RW-04, and RW-07. The amount of NAPL measured in these wells ranged from zero inches to 4.0-inches thick during the reporting period. Measured NAPL thicknesses were used to estimate the volume of NAPL present in each well. In this reporting period the largest accumulated volume of NAPL estimated during a single event was 0.22 gallons in RW-07 on March 6th, 2024. Active NAPL removal volumes are provided in **Table 5.2.1**

A graphical representation of accumulated NAPL thickness by recovery well collected using the active removal method for the March 2024 through March 2025 removal events is provided in **Figure 5.3** below. NAPL removal volumes for these events are provided in **Table 5.2**.

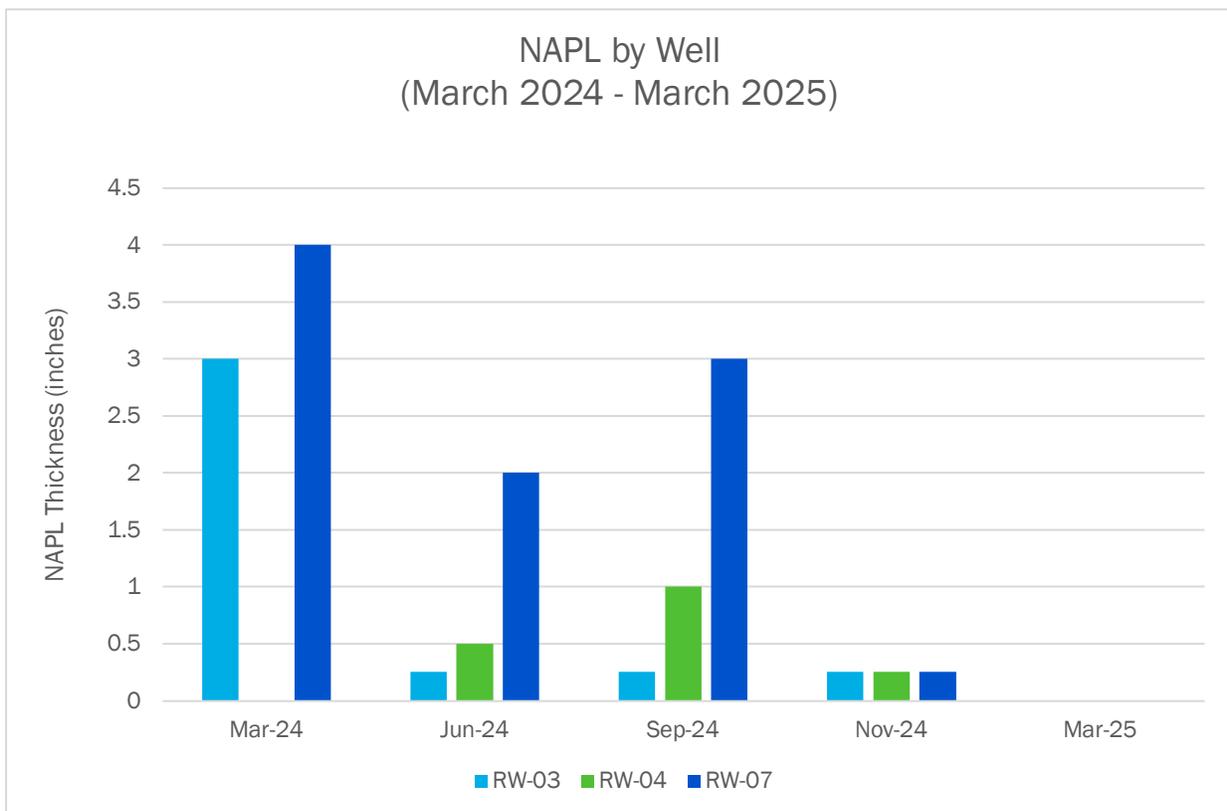


Figure 5.3. Accumulated NAPL Thickness by Recovery Well Collected Using the Active Removal Method – March 2024 – March 2025

5.4 Comparison with Remedial Objectives

5.4.1 Cover System

The May 13, 2024 to May 13, 2025 reporting period inspection results verified that the cover system remains in place, with no observed erosion or bare spots. The vegetation inspection indicated that overall percent cover of seeded areas was 100 percent, exceeding the performance goal of 85 percent cover. This EC was functioning as designed to prevent contact with and migration of contaminated media.

5.4.2 Invasive Species

No invasive species were observed during the May 13, 2024 to May 13, 2025 reporting period. This element was functioning as designed to minimize establishment of invasive species.

5.4.3 Site Access

Site access remained controlled with a secured entry gate during the May 13, 2024 to May 13, 2025 reporting period. This EC was functioning as designed to prevent contact with contaminated media.

5.4.4 Groundwater Monitoring Program

Groundwater sampling was conducted at the Site on September 30, 2021, September 21, 2022, October 17, 2023, and September 24, 2024. Consistent with the RAO to restore the groundwater aquifer to meet NYSDEC Class GA AWQS criteria to the extent practicable, concentrations of Site constituents of concern are generally trending downward.

BTEX concentrations remained stable in MW-01B with concentrations not detected (<5 ug/L) from 2021 to 2024. BTEX concentration remained consistent in all wells from 2021 to 2024. Analytical results of BTEX and PAHs for each monitoring well for all monitoring events (September 2021 through September 2024) are presented in **Table 5.3**. A graphical representation of total BTEX concentrations by monitoring well for the 2021 through 2024 sampling events is provided in **Figure 5.4**. PAH concentrations are generally consistent over the past four years, with naphthalene and acenaphthene frequently exceeding the criteria in MW-08B, MW-09D, MW-10D, and MW-PAR-02. See **Figure 5.5** for a graphical representation of the total detected PAH concentrations from 2021 through 2024 sampling.

5.4.5 NAPL Collection Program

NAPL removal was conducted at the Site in 2021 (August, October, and November), 2022 (January, May, September, and November), 2023 (March, May, September, and November), 2024 (March, June, September, and November), and 2025 (March). The active removal method was used to collect NAPL from January 2022 through March 2025. Consistent with the RAO to restore the groundwater aquifer to meet NYSDEC Class GA AWQS criteria to the extent practicable, NAPL accumulation observed in recovery wells using the active removal method is generally trending downward over collection events.

Quantities of recovered NAPL continue to decrease from 2021 with measurable quantities only being observed in three wells (RW-03, RW-04, and RW-07). A graphical representation of accumulated NAPL thickness by recovery well collected using the active removal method for the January 2022 through March 2025 removal events is provided in **Figure 5.6**. NAPL removal volumes for all collection events using the passive and active

removal methods are provided in **Table 5.4** (the August 2021 collection event has been excluded from Table 5.4 since this event consisted of deployment of hydrophobic absorbent socks and no NAPL was collected). Active NAPL removal purge logs are included in Appendix A-2 of each year's Quarterly Monitoring and Annual Sampling Update Memo

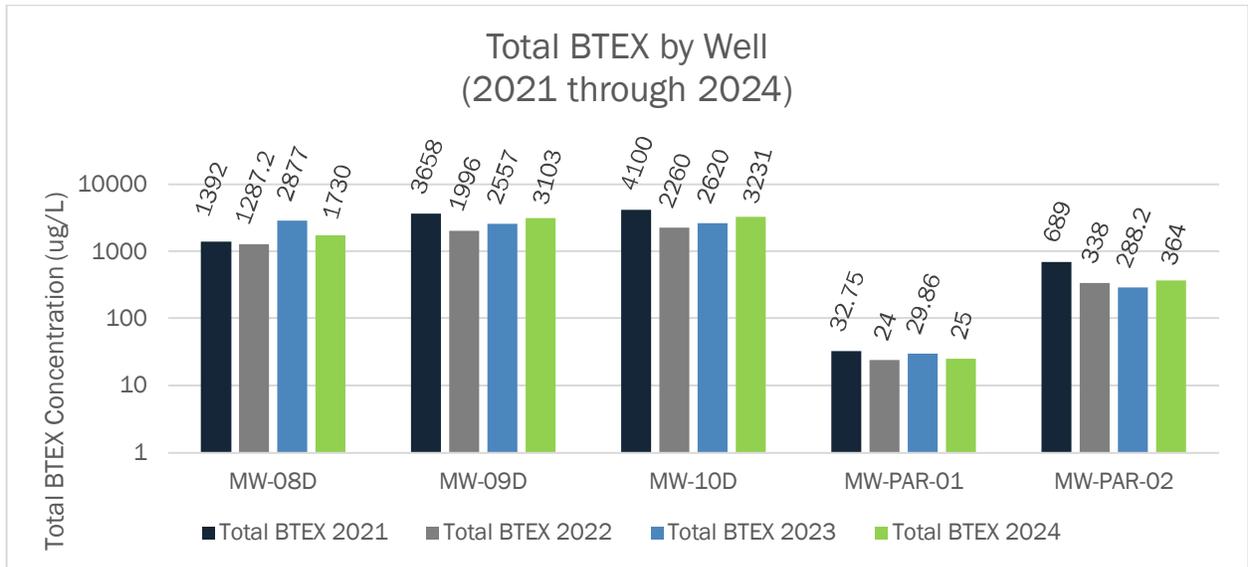


Figure 5.4. Total BTEX Concentration by Monitoring Well – 2021 through 2024
 (Note: MW-01B not included as all results have been below detection limits for BTEX)

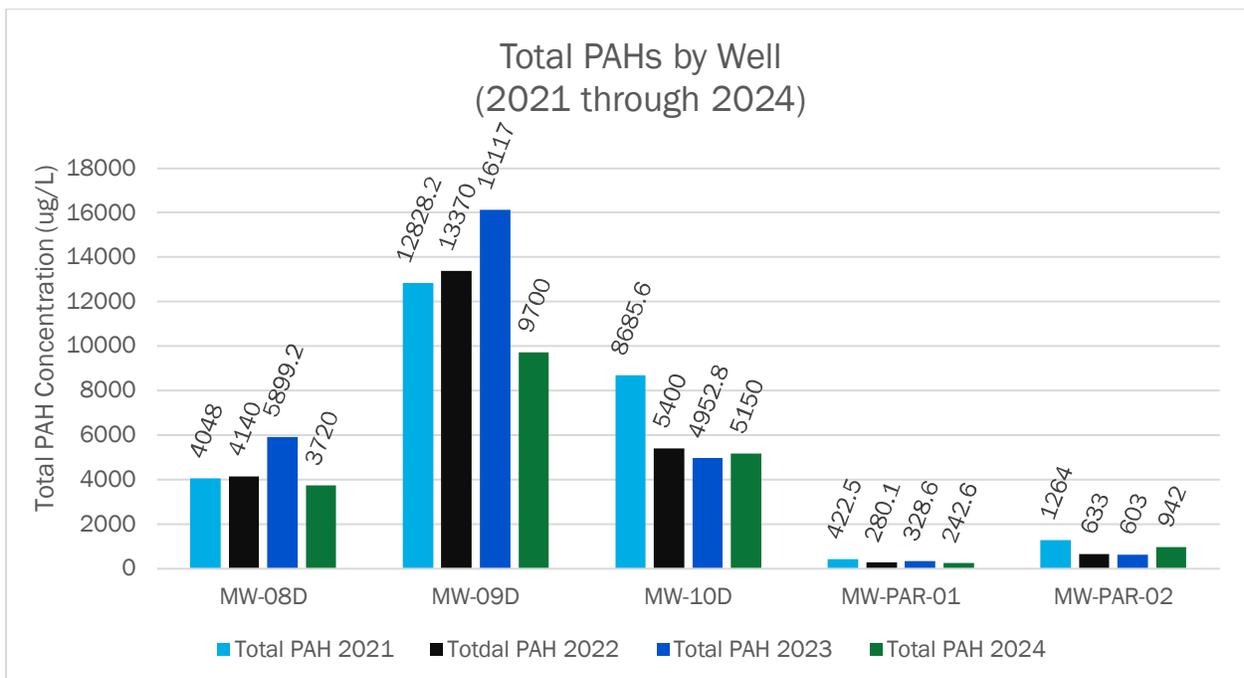


Figure 5.5. Total PAH Concentration by Monitoring Well – 2021 through 2024
 (Note: MW-01B not included as all results have been below detection limits for PAHs)

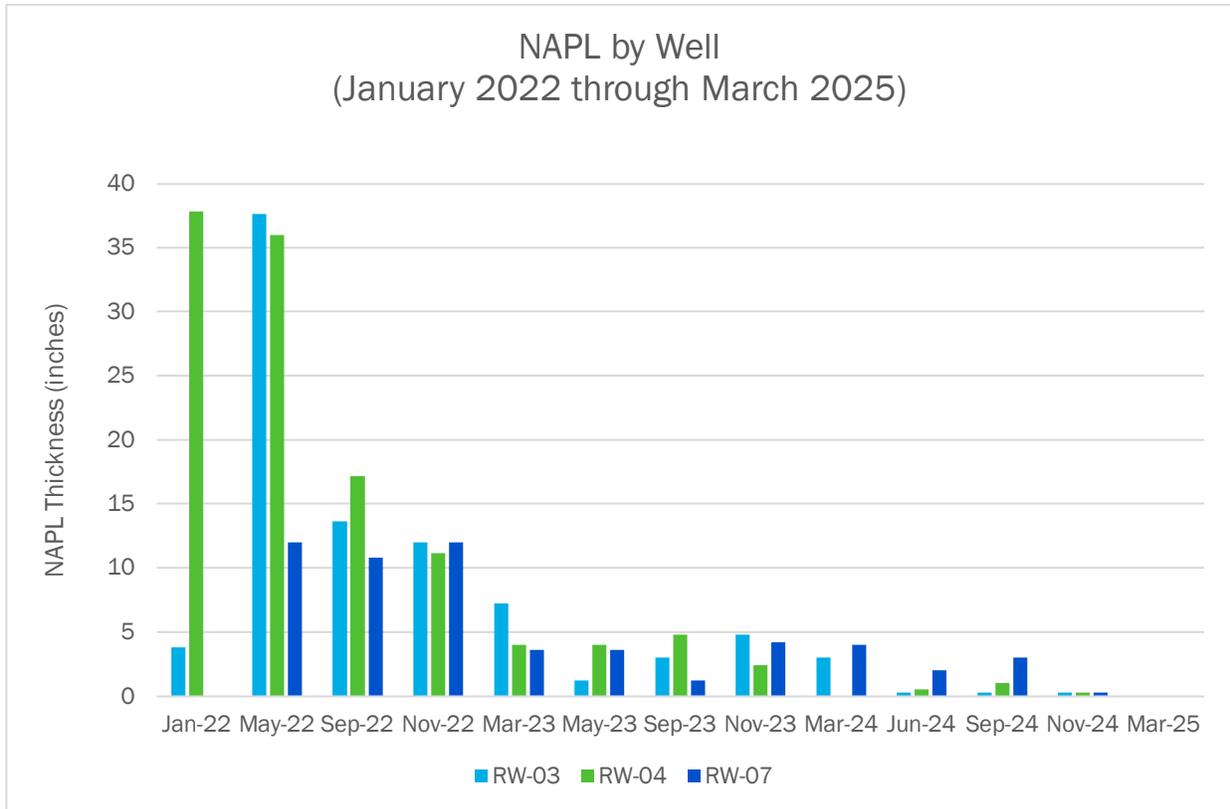


Figure 5.6. Accumulated NAPL Thickness by Recovery Well Collected Using the Active Removal Method January 2022 – March 2025

5.5 Inspection and Monitoring Deficiencies

Sitewide inspections and monitoring completed during the May 13, 2024 to May 13, 2025 reporting period complied with the inspection and monitoring plan as outlined in the SMP; therefore, no deficiencies were identified.

5.6 Conclusions and Recommendations for Changes

The reporting period inspection results verified that the cover system remains compliant with the design intent and Site access controls remain in place. A visual erosion inspection and a qualitative vegetative survey 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 were generally dominated by perennial native grasses and herbs. No modifications to the Sitewide inspections are recommended at this time and it is recommended that inspections continue annually through 2025.

Sampling conducted in 2024 marked the fourth post-remedy monitoring event (previous events occurred in 2021, 2022, and in 2023). A network of six monitoring wells is being used for annual groundwater monitoring. Groundwater samples were collected from all six monitoring wells in the network, analyzed for BTEX and PAHs, and concentrations were compared to NYSDEC Class GA AWQS. Groundwater analytical results in 2024 for BTEX exceeded NYSDEC Class GA AWQS criteria in five wells, with the highest detection for a single BTEX analyte at

2,100 ug/L of ethylbenzene. Summed concentrations of BTEX for each of the groundwater samples collected ranged from not detected (<5 ug/L) to 3,231 ug/L. Groundwater analytical results for PAHs exceeded criteria in five monitoring wells with the highest detection for a single PAH analyte as 9,000 ug/L of naphthalene. From 2021 to 2024, BTEX concentrations remained stable in one monitoring well (not detected - <5 ug/L) and remained consistent in the other five monitoring wells. PAH concentrations are generally consistent over the past four years, with naphthalene and acenaphthene typically exceeding the criteria. Due to detections of contaminants of concern in collected groundwater, it is recommended that groundwater sampling continues annually through 2025.

A network of 10 NAPL collection wells are being used for quarterly NAPL removal at the Site. NAPL removal was conducted in 2024 (March, June, September, and November) and 2025 (March). Previous NAPL removal occurred in 2021 (August, October, and November), 2022 (January, May, September, and November), and 2023 (March, May, September, and November). Quantities of recovered NAPL continue to decrease from 2021 with measurable quantities only being observed in three wells (RW-03, RW-04, and RW-07). Due to observation of continual NAPL buildup during the reporting period, it is recommended that NAPL removal continues quarterly through 2025.

6.0 MAINTENANCE PLAN COMPLIANCE REPORT

6.1 Components of the Maintenance Plan

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

Maintenance: <ol style="list-style-type: none"> 1. Cover System 2. Invasive Species Removal 3. Fencing or other means to control site access 	Frequency: <ol style="list-style-type: none"> 1. As needed 2. As needed 3. As needed
Reporting: <ol style="list-style-type: none"> 1. Groundwater Monitoring Report 2. NAPL Collection Report 3. Periodic Review Report 	Frequency: <ol style="list-style-type: none"> 1. Annually 2. Quarterly/As needed 3. Annually

6.2 Maintenance Completed During Reporting Period

Based on the results of the cover system, invasive species, and Site access control inspections performed at the Site during the May 13, 2024 to May 13, 2025 reporting period, no maintenance was required.

6.3 Comparison with Remedial Objectives

Based on the results of the cover system, invasive species, and Site access control inspections performed during the May 13, 2024 to May 13, 2025 reporting period, these remedial elements were functioning as designed.

6.4 Maintenance Plan Deficiencies

No maintenance was required during the May 13, 2024 to May 13, 2025 reporting period. No maintenance plan deficiencies were identified.

6.5 Conclusions and Recommendations for Changes

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

7.0 CONCLUSIONS AND RECOMMENDATIONS

7.1 Compliance with SMP

Requirements of the SMP were met during the May 13, 2024 to May 13, 2025 reporting period. In accordance with the SMP, sitewide inspections and monitoring was completed at the Site for the reporting period. Inspections included cover system (erosion and vegetation), invasive species, and site access control 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 and Site access controls remain in place. A visual erosion inspection and a qualitative vegetative survey 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 were generally dominated by perennial native grasses and herbs. No modifications to the sitewide inspections are recommended at this time; it is recommended that inspections continue annually through 2025.

Sampling conducted in 2024 marked the fourth annual post-remedy monitoring event (previous events occurred in 2021, 2022, and in 2023). A network of six monitoring wells is being used for annual post-remedy groundwater monitoring. Groundwater samples were collected from all six monitoring wells in the network, analyzed for BTEX and PAHs, and concentrations were compared to NYSDEC Class GA Ambient Water Quality Standards (AWQS). Groundwater analytical results in 2024 for BTEX exceeded criteria in five wells, with the highest detection (MW-10D) for a single BTEX analyte at 2,100 micrograms per liter ($\mu\text{g/L}$) (ethylbenzene). Summed concentrations of BTEX for each of the samples collected ranged from not detected ($<5 \mu\text{g/L}$) to 3,231 $\mu\text{g/L}$. Groundwater analytical results for PAHs exceeded criteria in five monitoring wells with the highest detection for a single PAH analyte as 9,000 $\mu\text{g/L}$ (naphthalene). From 2021 to 2024, BTEX concentrations remained stable and were below the analytical detection limits in one monitoring well and were consistent in all remaining monitoring wells. PAH concentrations are generally consistent over the past four years, with naphthalene and acenaphthene frequently exceeding the criteria.

A network of 10 NAPL collection wells is being used for quarterly NAPL removal at the Site. NAPL removal was conducted in 2024 (March, June, September, and November) and 2025 (March). Previous NAPL removal occurred in 2021 (August, October, and November), 2022 (January, May, September, and November), and 2023 (March, May, September, and November). Quantities of recovered NAPL continue to decrease from 2021 with measurable quantities only being observed in three wells (RW-03, RW-04, and RW-07).

The ICs/ECs for the Site were in place during the reporting period. Because remedial elements were functioning as designed, the remedy remains effective.

7.3 Future Periodic Review Report Submittals

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

8.0 REFERENCES

Arcadis, 2012. *Monthly NAPL Monitoring Program – Annual Report, NYSEG Clark Street Former MGP Site*. January 25, 2012.

Arcadis, 2015. *NYSEG Clark Street Former MGP Site. Semi-Annual NAPLS Monitoring*. July 2015.

NYSDEC, 2009. *Record of Decision, NYSEG Clark Street – Auburn MGP Site*. Site Number 7-06-008. March.

Parsons, 2020. *NAPL Collection Well Installation Plan and Groundwater Monitoring Memorandum*. NYSEG Clark St. Former MGP Site (Site No. 7-06-010). August 5.

Parsons, 2021. *Site Management Plan*. Clark Street Former Manufactured Gas Plant Site, Cayuga County, Auburn New York. NYSDEC Site No. 7-06-008. Prepared for New York State Electric & Gas Corporation. July 29.

Parsons, 2024. *Memorandum: Clark Street Former MGP Site – Quarterly NAPL Monitoring and Annual Sampling Update*. May 13.

TABLES

TABLE 5.1
2024-2025 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
GROUNDWATER ANALYTICAL RESULTS: SEPTEMBER 2024

			Location ID	MW-01B	MW-08D	MW-09D	MW-10D	MW-PAR-01	MW-PAR-01	MW-PAR-02
			Field Sample ID	MW-01B-09242024	MW-08D-09242024	MW-09D-09242024	MW-10D-09242024	FD-09242024	MW-PAR-01-09242024	MW-PAR-02-09242024
			Matrix	WG	WG	WG	WG	WG	WG	WG
			Lab Sample ID	480-223688-8	480-223688-2	480-223688-3	480-223688-1	480-223688-9	480-223688-6	480-223688-7
			SDG	4802236881	4802236881	4802236881	4802236881	4802236881	4802236881	4802236881
			Sample Date	9/24/2024	9/24/2024	9/24/2024	9/24/2024	9/24/2024	9/24/2024	9/24/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA							
Volatile Organic Compounds (8260)										
Benzene	71-43-2	ug/L	1	1 U	550	180	650	27	25	250
Ethylbenzene	100-41-4	ug/L	5	1 U	990	1800	2100	1 U	1 U	54
m,p-Xylene	179601-23-1	ug/L	NS	2 U	80 U	720	85	2 U	2 U	9.9 J
O-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/L	NS	1 U	190	420	380	1 U	1 U	50
Toluene	108-88-3	ug/L	5	1 U	40 U	23	11	1 U	1 U	10 U
Xylenes	1330-20-7	ug/L	5	2 U	190	1100	470	2 U	2 U	60
Semi Volatile Organic Compounds (8270)										
Acenaphthene	83-32-9	ug/L	20	5 U	120 J	410 J	150 J	170	170	250
Acenaphthylene	208-96-8	ug/L	NS	5 U	1000 U	2500 U	1100 U	2.7 J	50 U	250 U
Anthracene	120-12-7	ug/L	50	5 U	1000 U	2500 U	1100 U	1.9 J	50 U	250 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	1000 U	2500 U	1100 U	0.38 J	50 U	250 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	1000 U	2500 U	1100 U	5 U	50 U	250 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	1000 U	2500 U	1100 U	5 U	50 U	250 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	1000 U	2500 U	1100 U	5 U	50 U	250 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	1000 U	2500 U	1100 U	5 U	50 U	250 U
Chrysene	218-01-9	ug/L	0.002	5 U	1000 U	2500 U	1100 U	5 U	50 U	250 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	1000 U	2500 U	1100 U	5 U	50 U	250 U
Fluoranthene	206-44-0	ug/L	50	5 U	1000 U	2500 U	1100 U	7.8	6.6 J	250 U
Fluorene	86-73-7	ug/L	50	5 U	1000 U	2500 U	1100 U	38	37 J	51 J
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	1000 U	2500 U	1100 U	5 U	50 U	250 U
Naphthalene	91-20-3	ug/L	10	5 U	3600	9000	5000	5 U	50 U	560
Phenanthrene	85-01-8	ug/L	50	5 U	1000 U	290 J	1100 U	22	19 J	81 J
Pyrene	129-00-0	ug/L	NS	5 U	1000 U	2500 U	1100 U	11	10 J	250 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.

Shaded: exceeds the Class GA Criteria/Standard

ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

**TABLE 5.2
2024-2025 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
PASSIVE NAPL REMOVAL VOLUMES: MARCH 2024 - MARCH 2025**

Well ID	Mar-24			Jun-24			Sep-24			Nov-24			Mar-25			Total
	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g)	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g)	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g)	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g)	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g)	Volume Removed (gal)
RW-01	310	570	260	330	660	330	340	600	260	310	490	180	310	490	180	0.32
RW-02	340	570	230	320	670	350	300	340	40	210	560	350	210	560	350	0.35
RW-05	370	480	110	370	640	270	340	520	180	360	660	300	360	660	300	0.30
RW-06	360	490	130	350	570	220	340	510	170	330	550	220	330	550	220	0.25
RW-08	410	600	190	350	700	350	380	560	180	350	590	240	350	590	240	0.31
RW-09	420	560	140	290	550	260	370	540	170	370	510	140	370	510	140	0.22
RW-10	330	580	250	290	620	330	470	500	30	310	390	80	310	390	80	0.20

TOTAL NAPL REMOVED (kg) ⁽³⁾	7.47
TOTAL NAPL REMOVED (gal) ⁽³⁾	2.0

Notes:
g: grams

Mass Removed was calculated based on volume of product removed via pumping, converted to mass using a product density of 1010 kg/m³, or 3.82 kg/gal.

TABLE 5.2.1
2024-2025 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
ACTIVE NAPL REMOVAL VOLUMES: MARCH 2024 - MARCH 2025

	MAR-24	Jun-24	Sep-24	Nov-24	Mar-25	
Well ID	Volume Removed (gal)	Total Volume Removed (gal)				
RW-03	1.99	0.49	0.49	1.49	0.99	5.45
RW-04	0.99	1.99	0.49	0.99	0.99	5.45
RW-07	2.99	2.99	0.75	0.99	0.99	8.71

TOTAL NAPL REMOVED (gal)	19.6
--------------------------	------

Notes:
gal: gallons

TABLE 5.3
2023-2024 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
GROUNDWATER ANALYTICAL RESULTS: SEPTEMBER 2021 - OCTOBER 2023

			Location ID	MW-01B	MW-01B	MW-01B	MW-01B
			Field Sample ID	MW-01B-09302021	MW-01B-09212022	MW-01B-10172023	MW-01B-09242024
			Lab Sample ID	480-190358-6	480-201940-2	480-213851-5	480-223688-8
			Sample Date	9/30/2021	9/21/2022	10/17/2023	9/24/2024
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	5.4 U	5 U
Acenaphthylene	208-96-8	ug/L	NS	5 U	5 U	5.4 U	5 U
Anthracene	120-12-7	ug/L	50	5 U	5 U	5.4 U	5 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	5 U	5.4 U	5 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	5 U	5.4 U	5 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	5 U	5.4 U	5 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	5 U	5.4 U	5 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	5 U	5.4 U	5 U
Chrysene	218-01-9	ug/L	0.002	5 U	5 U	5.4 U	5 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	5 U	5.4 U	5 U
Fluoranthene	206-44-0	ug/L	50	5 U	5 U	5.4 U	5 U
Fluorene	86-73-7	ug/L	50	5 U	5 U	5.4 U	5 U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	5 U	5.4 U	5 U
Naphthalene	91-20-3	ug/L	10	5 U	5 U	5.4 U	5 U
Phenanthrene	85-01-8	ug/L	50	5 U	5 U	5.4 U	5 U
Pyrene	129-00-0	ug/L	NS	5 U	5 U	5.4 U	5 U

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

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

Shaded: exceeds the Class GA Criteria/Standard

ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

TABLE 5.3
2023-2024 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
GROUNDWATER ANALYTICAL RESULTS: SEPTEMBER 2021 - OCTOBER 2023

			Location ID	MW-08D	MW-08D	MW-08D	MW-08D
			Field Sample ID	MW-08D-09302021	MW-08D-09222022	MW-08D-10172023	MW-08D-09242024
			Lab Sample ID	480-190358-4	480-201940-5	480-213851-4	480-223688-2
			Sample Date	9/30/2021	9/21/2022	10/17/2023	9/24/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA				
Volatile Organic Compounds (8260)							
Benzene	71-43-2	ug/L	1	320	390	680	550
Ethylbenzene	100-41-4	ug/L	5	800	720	1700	990
Toluene	108-88-3	ug/L	5	12	7.2 J	17 J	40 U
Xylenes	1330-20-7	ug/L	5	260	170	480	190
Semi Volatile Organic Compounds (8270)							
Acenaphthene	83-32-9	ug/L	20	170 J	140 J	200 J	120 J
Acenaphthylene	208-96-8	ug/L	NS	1.7 J	1000 U	1.8 J	1000 U
Anthracene	120-12-7	ug/L	50	3.5 J	1000 U	4.8 J	1000 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	1000 U	5.4 U	1000 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	1000 U	5.4 U	1000 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	1000 U	5.4 U	1000 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	1000 U	5.4 U	1000 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	1000 U	5.4 U	1000 U
Chrysene	218-01-9	ug/L	0.002	5 U	1000 U	5.4 U	1000 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	1000 U	5.4 U	1000 U
Fluoranthene	206-44-0	ug/L	50	1.7 J	1000 U	1.7 J	1000 U
Fluorene	86-73-7	ug/L	50	33	1000 U	46	1000 U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	1000 U	5.4 U	1000 U
Naphthalene	91-20-3	ug/L	10	3800	4000	5600	3600
Phenanthrene	85-01-8	ug/L	50	36	1000 U	43	1000 U
Pyrene	129-00-0	ug/L	NS	2.1 J	1000 U	1.9 J	1000 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.

Shaded: exceeds the Class GA Criteria/Standard

ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

TABLE 5.3
2023-2024 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
GROUNDWATER ANALYTICAL RESULTS: SEPTEMBER 2021 - OCTOBER 2023

			Location ID	MW-09D	MW-09D	MW-09D	MW-09D
			Field Sample ID	MW-09D-09302021	MW-09D-09212022	MW-09D-10172023	MW-09D-09242024
			Lab Sample ID	480-190358-3	480-201940-4	480-213851-8	480-223688-3
			Sample Date	9/30/2021	9/21/2022	10/17/2023	9/24/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA				
Volatile Organic Compounds (8260)							
Benzene	71-43-2	ug/L	1	130	120	140	180
Ethylbenzene	100-41-4	ug/L	5	1800	940	1300	1800
Toluene	108-88-3	ug/L	5	28	16 J	17 J	23
Xylenes	1330-20-7	ug/L	5	1700	920	1100	1100
Semi Volatile Organic Compounds (8270)							
Acenaphthene	83-32-9	ug/L	20	480 J	370 J	900 J	410 J
Acenaphthylene	208-96-8	ug/L	NS	7.8 J	2600 U	15	2500 U
Anthracene	120-12-7	ug/L	50	23 J	2600 U	46	2500 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	6.9 J	2600 U	26	2500 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	6.2 J	2600 U	28	2500 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	4.6 J	2600 U	18	2500 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	3.3 J	2600 U	16	2500 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	25 U	2600 U	9	2500 U
Chrysene	218-01-9	ug/L	0.002	5 J	2600 U	24	2500 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	25 U	2600 U	3 J	2500 U
Fluoranthene	206-44-0	ug/L	50	26	2600 U	140 J	2500 U
Fluorene	86-73-7	ug/L	50	89	2600 U	200 J	2500 U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	2.4 J	2600 U	12	2500 U
Naphthalene	91-20-3	ug/L	10	12000	13000	14000	9000
Phenanthrene	85-01-8	ug/L	50	140	2600 U	520 J	290 J
Pyrene	129-00-0	ug/L	NS	34	2600 U	160 J	2500 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.

Shaded: exceeds the Class GA Criteria/Standard

ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

TABLE 5.3
2023-2024 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
GROUNDWATER ANALYTICAL RESULTS: SEPTEMBER 2021 - OCTOBER 2023

			Location ID Field Sample ID Lab Sample ID Sample Date	MW-10D MW-10D-09302021 480-190358-7 9/30/2021	MW-10D MW-10D-09212022 480-201940-6 9/21/2022	MW-10D MW-10D-10172023 480-213851-3 10/17/2023	MW-10D MW-10D-09242024 480-223688-1 9/24/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA				
Volatile Organic Compounds (8260)							
Benzene	71-43-2	ug/L	1	700	480	540	650
Ethylbenzene	100-41-4	ug/L	5	2600	1400 J	1700	2100
Toluene	108-88-3	ug/L	5	20 J	40 U	20 U	11
Xylenes	1330-20-7	ug/L	5	780	380	380	470
Semi Volatile Organic Compounds (8270)							
Acenaphthene	83-32-9	ug/L	20	260 J	1100 U	170 J	150 J
Acenaphthylene	208-96-8	ug/L	NS	2.5 J	1100 U	1.6 J	1100 U
Anthracene	120-12-7	ug/L	50	7.4	1100 U	4.3 J	1100 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	1100 U	5 U	1100 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	1100 U	5 U	1100 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	1100 U	5 U	1100 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	1100 U	5 U	1100 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	1100 U	5 U	1100 U
Chrysene	218-01-9	ug/L	0.002	5 U	1100 U	5 U	1100 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	1100 U	5 U	1100 U
Fluoranthene	206-44-0	ug/L	50	2.9 J	1100 U	1.8 J	1100 U
Fluorene	86-73-7	ug/L	50	52	1100 U	38	1100 U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	1100 U	5 U	1100 U
Naphthalene	91-20-3	ug/L	10	8300	5400	4700	5000
Phenanthrene	85-01-8	ug/L	50	57	1100 U	35	1100 U
Pyrene	129-00-0	ug/L	NS	3.8 J	1100 U	2.1 J	1100 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.

Shaded: exceeds the Class GA Criteria/Standard

ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

TABLE 5.3
2023-2024 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
GROUNDWATER ANALYTICAL RESULTS: SEPTEMBER 2021 - OCTOBER 2023

			Location ID	MW-PAR-01	MW-PAR-01	MW-PAR-01	MW-PAR-01
			Field Sample ID	MW-PAR-01-09302021	MW-PAR-01-09212022	MW-PAR-01-10172023	MW-PAR-01-09242024
			Lab Sample ID	480-190358-1	480-201940-3	480-213851-1	480-223688-6
			Sample Date	9/30/2021	9/21/2022	10/17/2023	9/24/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA				
Volatile Organic Compounds (8260)							
Benzene	71-43-2	ug/L	1	29	24	26	25
Ethylbenzene	100-41-4	ug/L	5	2.9	1 U	3.1	1 U
Toluene	108-88-3	ug/L	5	1	1 U	1 U	1 U
Xylenes	1330-20-7	ug/L	5	0.85	2 U	0.76 J	2 U
Semi Volatile Organic Compounds (8270)							
Acenaphthene	83-32-9	ug/L	20	250	190	210	170
Acenaphthylene	208-96-8	ug/L	NS	4.8	50 U	3.9 J	50 U
Anthracene	120-12-7	ug/L	50	5.6	2.9 J	2.8 J	50 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	50 U	5 U	50 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	50 U	5 U	50 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	50 U	5 U	50 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	50 U	5 U	50 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	50 U	5 U	50 U
Chrysene	218-01-9	ug/L	0.002	5 U	50 U	5 U	50 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	50 U	5 U	50 U
Fluoranthene	206-44-0	ug/L	50	8	4.9 J	8.5	6.6 J
Fluorene	86-73-7	ug/L	50	67	42 J	51	37 J
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	50 U	5 U	50 U
Naphthalene	91-20-3	ug/L	10	3.1 J	50 U	4.4 J	50 U
Phenanthrene	85-01-8	ug/L	50	73	35 J	37	19 J
Pyrene	129-00-0	ug/L	NS	11	5.3 J	11	10 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.

Shaded: exceeds the Class GA Criteria/Standard

ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

TABLE 5.3
2023-2024 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
GROUNDWATER ANALYTICAL RESULTS: SEPTEMBER 2021 - OCTOBER 2023

			Location ID	MW-PAR-02	MW-PAR-02	MW-PAR-02	MW-PAR-02
			Field Sample ID	MW-PAR-02-09302021	MW-PAR-02-09212022	MW-PAR-02-10172023	MW-PAR-02-09242024
			Lab Sample ID	480-190358-5	480-201940-1	480-213851-2	480-223688-7
			Sample Date	9/30/2021	9/21/2022	10/17/2023	9/24/2024
Chemical Name	CAS_RN	Unit	NYSDEC Class GA				
Volatile Organic Compounds (8260)							
Benzene	71-43-2	ug/L	1	170	150	190	250
Ethylbenzene	100-41-4	ug/L	5	440	170	61	54
Toluene	108-88-3	ug/L	5	10 U	10 U	1.2 J	10 U
Xylenes	1330-20-7	ug/L	5	79	18 J	36	60
Semi Volatile Organic Compounds (8270)							
Acenaphthene	83-32-9	ug/L	20	380	370	320	250
Acenaphthylene	208-96-8	ug/L	NS	4.5 J	250 U	2.5 J	250 U
Anthracene	120-12-7	ug/L	50	11	250 U	12	250 U
Benzo(A)Anthracene	56-55-3	ug/L	0.002	5 U	250 U	5.2 U	250 U
Benzo(A)Pyrene	50-32-8	ug/L	ND	5 U	250 U	5.2 U	250 U
Benzo(B)Fluoranthene	205-99-2	ug/L	0.002	5 U	250 U	5.2 U	250 U
Benzo(G,H,I)Perylene	191-24-2	ug/L	NS	5 U	250 U	5.2 U	250 U
Benzo(K)Fluoranthene	207-08-9	ug/L	0.002	5 U	250 U	5.2 U	250 U
Chrysene	218-01-9	ug/L	0.002	5 U	250 U	5.2 U	250 U
Dibenz(A,H)Anthracene	53-70-3	ug/L	NS	5 U	250 U	5.2 U	250 U
Fluoranthene	206-44-0	ug/L	50	6.8	250 U	7.4	250 U
Fluorene	86-73-7	ug/L	50	74 J	59 J	68	51 J
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/L	0.002	5 U	250 U	5.2 U	250 U
Naphthalene	91-20-3	ug/L	10	670	84 J	85	560
Phenanthrene	85-01-8	ug/L	50	110 J	120 J	100	81 J
Pyrene	129-00-0	ug/L	NS	7.7	250 U	8.1	250 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.

Shaded: exceeds the Class GA Criteria/Standard

ug/L: micrograms per liter (ppb)

NS: no standard or criteria is cited in TOGS 1.1.1

ND: non-detect

TABLE 5.4
2023-2024 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
NAPL REMOVAL VOLUMES: OCTOBER 2021 - MARCH 2024

Well ID	Oct-21			Nov-21			Jan-22			May-22		
	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g)	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g)	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽¹⁾	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾
RW-01	345	2,410	2,065	345	2,400	2,055	338	2,408	2,070	1,084	2,780	1,696
RW-02	345	2,807	2,462	345	2,050	1,705	398	1,860	1,462	1,356	3,020	1,664
RW-03	345	2,353	2,008	345	2,360	2,015	-	-	9,560	-	-	7,034
RW-04	345	3,005	2,660	345	2,400	2,055	-	-	9,560	-	-	5,046
RW-05	345	3,033	2,688	345	2,670	2,325	271	2,549	2,278	1,515	3,930	2,415
RW-06	345	3,062	2,717	345	2,710	2,365	369	2,681	2,311	2,227	3,150	923
RW-07	345	2,540	2,195	345	2,170	1,825	361	3,021	2,660	-	-	5,046
RW-08	345	3,090	2,745	345	2,400	2,055	350	2,300	1,950	2,168	3,170	1,002
RW-09	345	3,090	2,745	345	2,800	2,455	328	1,469	1,141	2,309	3,210	901
RW-10	345	2,807	2,462	345	2,500	2,155	SNOW COVERED			921	4,550	3,629

TOTAL NAPL REMOVED (kg) ⁽⁴⁾	306
TOTAL NAPL REMOVED (gal) ⁽⁴⁾	80.13

(1) Mass removed for RW-03 and RW-04 was calculated based on volume of product removed via pumping, converted to mass using a product density of 1,010 kg/m³, or 3.82 kg/gal.

(2) Mass removed for RW-03, RW-04, and RW-07 was calculated based on volume of product removed via pumping, converted to mass using a product density of 1,010 kg/m³, or 3.82 kg/gal.

(3) The August 2021 collection event has been excluded from this table since this event consisted of deployment of hydrophobic absorbent socks and no NAPL was collected.

g : grams

gal: gallons

kg: kilogram

TABLE 5.4
2023-2024 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
NAPL REMOVAL VOLUMES: OCTOBER 2021 - MARCH 2024

Well ID	Sep-22			Nov-22			Mar-23			May-23		
	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾
RW-01	250	430	180	280	610	330	350	650	300	190	650	460
RW-02	300	460	160	340	460	120	430	630	200	290	670	380
RW-03	-	-	1,911	-	-	9,558	-	-	5,734	-	-	5,734
RW-04	-	-	3,823	-	-	3,823	-	-	3,823	-	-	7,646
RW-05	280	730	450	330	710	380	370	720	350	340	700	360
RW-06	310	460	150	330	530	200	370	540	170	350	650	300
RW-07	-	-	3,823	-	-	3,823	-	-	5,734	-	-	8,220
RW-08	270	480	210	290	450	160	370	640	270	280	640	360
RW-09	250	330	80	330	490	160	400	690	290	280	650	370
RW-10	280	670	390	240	650	410	270	630	360	220	530	310

TOTAL NAPL REMOVED (kg) ⁽⁴⁾	306
TOTAL NAPL REMOVED (gal) ⁽⁴⁾	80.15

- (1) Mass removed for RW-03 and RW-04 was calculated based on volume of product removed via pumping, converted to mass using a product density of 1,010 kg/m³, or 3.82 kg/gal.
- (2) Mass removed for RW-03, RW-04, and RW-07 was calculated based on volume of product removed via pumping, converted to mass using a product density of 1,010 kg/m³, or 3.82 kg/gal.
- (3) The August 2021 collection event has been excluded from this table since this event consisted of deployment of hydrophobic absorbent socks and no NAPL was collected.
- g : grams
gal: gallons
kg: kilogram

TABLE 5.4
2023-2024 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
NAPL REMOVAL VOLUMES: OCTOBER 2021 - MARCH 2024

Well ID	Sep-23			Nov-23			Mar-24			Jun-24		
	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾
RW-01	380	550	170	280	680	400	310	570	260	330	660	330
RW-02	280	470	190	320	670	350	340	570	230	320	670	350
RW-03	-	-	11,470	-	-	3,823	-	-	7,646	-	-	1,911
RW-04	-	-	7,646	-	-	3,823	-	-	3,823	-	-	7,646
RW-05	350	690	340	250	690	440	370	480	110	370	640	270
RW-06	350	690	340	280	630	350	360	490	130	350	570	220
RW-07	-	-	6,500	-	-	5,734	-	-	11,469	-	-	11,469
RW-08	280	550	270	210	660	450	410	600	190	350	700	350
RW-09	350	540	190	200	670	470	420	560	140	290	550	260
RW-10	230	610	380	220	620	400	330	580	250	290	620	330

TOTAL NAPL REMOVED (kg) ⁽⁴⁾	306
TOTAL NAPL REMOVED (gal) ⁽⁴⁾	80.15

- (1) Mass removed for RW-03 and RW-04 was calculated based on volume of product removed via pumping, converted to mass using a product density of 1,010 kg/m³, or 3.82 kg/gal.
- (2) Mass removed for RW-03, RW-04, and RW-07 was calculated based on volume of product removed via pumping, converted to mass using a product density of 1,010 kg/m³, or 3.82 kg/gal.
- (3) The August 2021 collection event has been excluded from this table since this event consisted of deployment of hydrophobic absorbent socks and no NAPL was collected.
- g : grams
gal: gallons
kg: kilogram

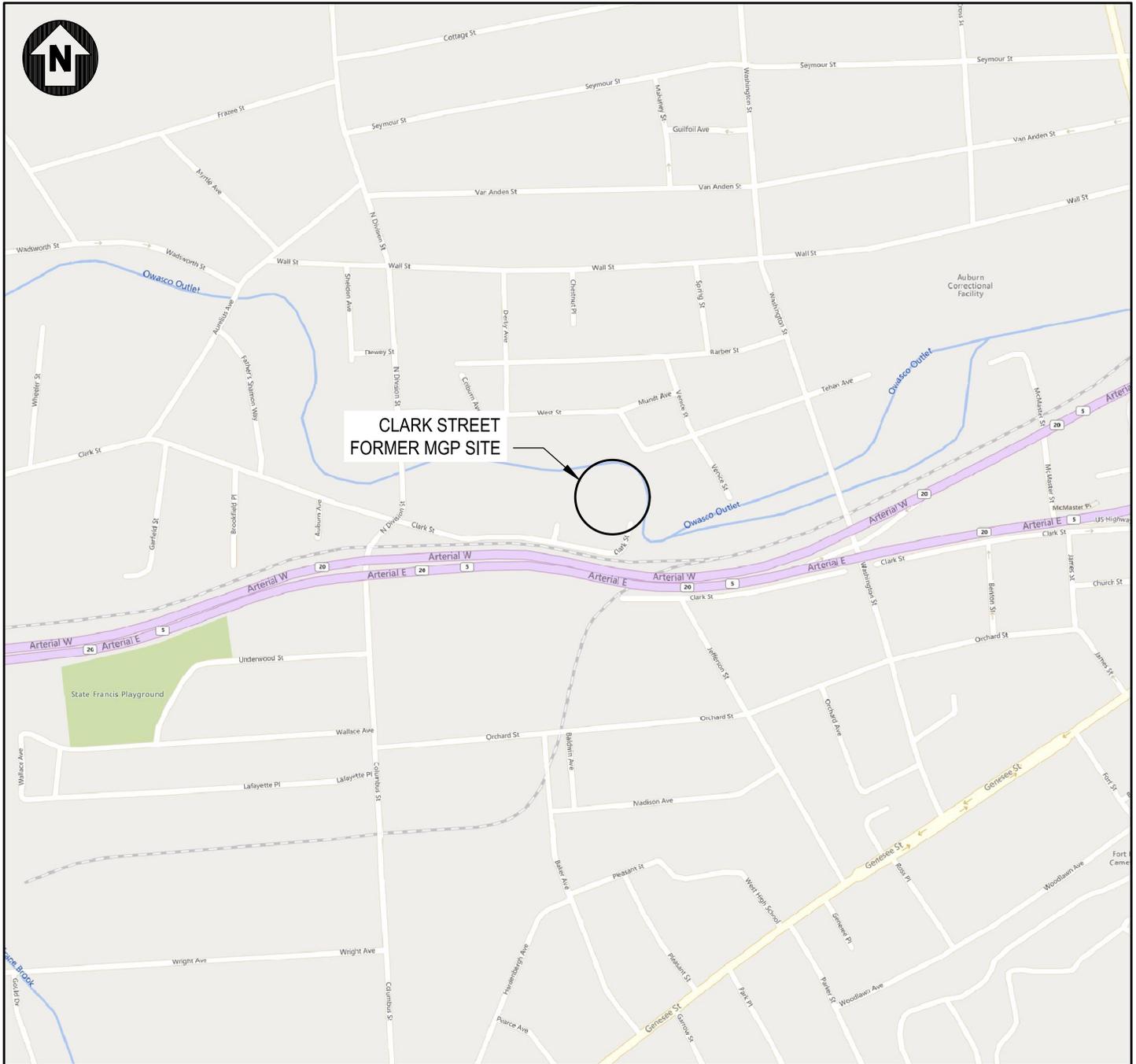
TABLE 5.4
2023-2024 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008)
NAPL REMOVAL VOLUMES: OCTOBER 2021 - MARCH 2024

Well ID	Sep-24			Nov-24			Mar-25			Total
	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾	Sock Mass Initial (g)	Sock Mass Final (g)	Mass Removed (g) ⁽²⁾	Volume Removed (gal)
RW-01	340	600	260	310	490	180	310	490	180	2.86
RW-02	300	340	40	210	560	350	210	560	350	2.62
RW-03	-	-	1,911	-	-	5,734	-	-	3,823	20.89
RW-04	-	-	1,911	-	-	3,823	-	-	3,823	18.55
RW-05	340	520	180	360	660	300	360	660	300	3.45
RW-06	340	510	170	330	550	220	330	550	220	2.82
RW-07	-	-	2,867	-	-	3,823	-	-	3,823	20.67
RW-08	380	560	180	350	590	240	350	590	240	2.79
RW-09	370	540	170	370	510	140	370	510	140	2.52
RW-10	470	500	30	310	390	80	310	390	80	2.95

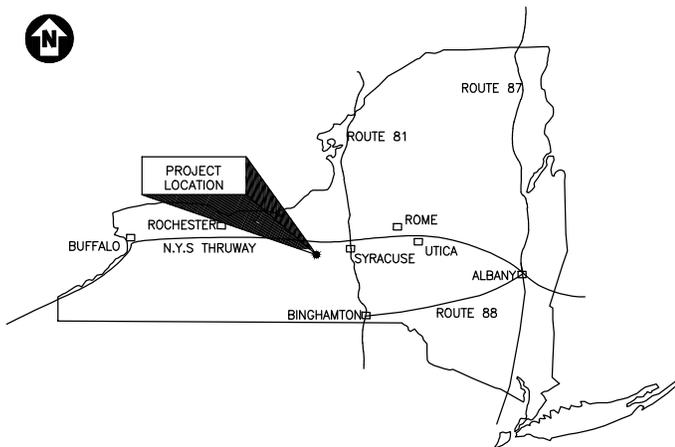
TOTAL NAPL REMOVED (kg) ⁽⁴⁾	306
TOTAL NAPL REMOVED (gal) ⁽⁴⁾	80.15

- (1) Mass removed for RW-03 and RW-04 was calculated based on volume of product removed via pumping, converted to mass using a product density of 1,010 kg/m³, or 3.82 kg/gal.
- (2) Mass removed for RW-03, RW-04, and RW-07 was calculated based on volume of product removed via pumping, converted to mass using a product density of 1,010 kg/m³, or 3.82 kg/gal.
- (3) The August 2021 collection event has been excluded from this table since this event consisted of deployment of hydrophobic absorbent socks and no NAPL was collected.
- g : grams
gal: gallons
kg: kilogram

FIGURES

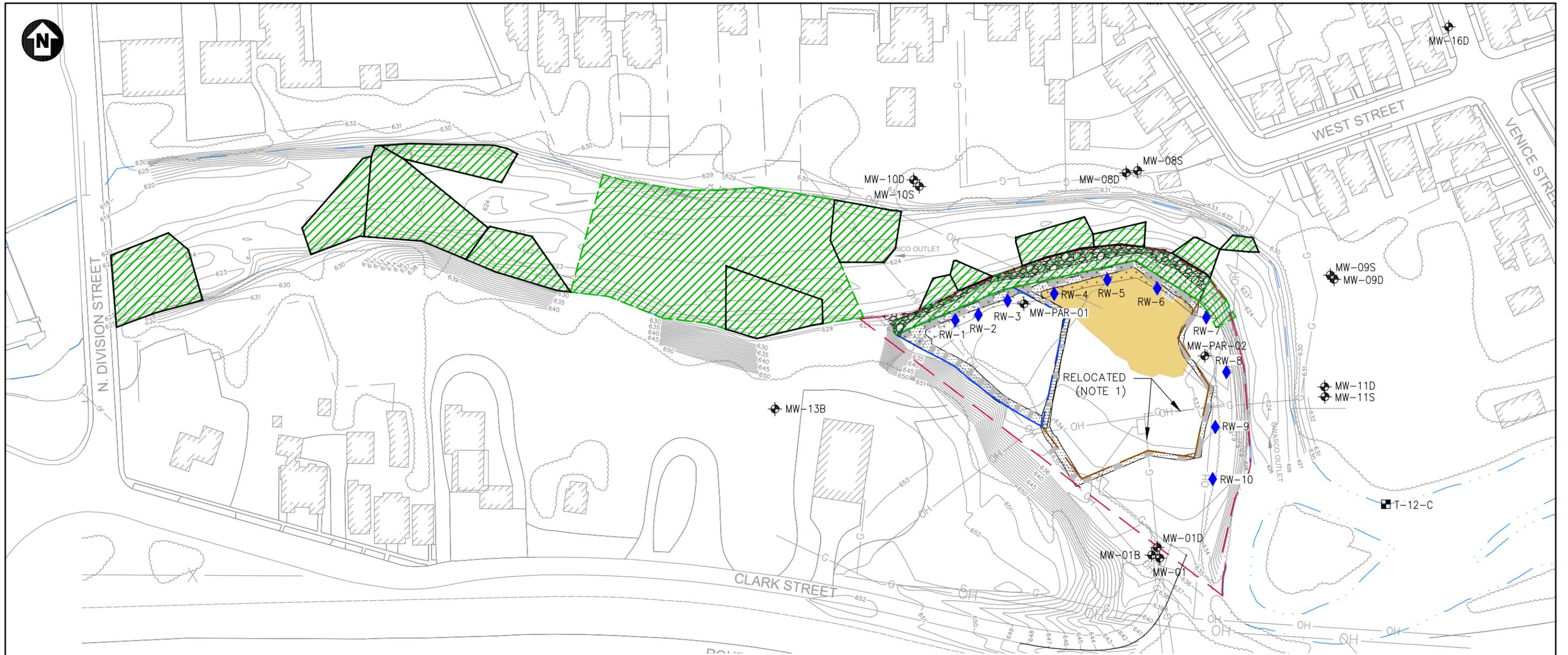


NOT TO SCALE



THE STATE OF NEW YORK
NOT TO SCALE

<p>FIGURE 2.1</p> <p>2024–2025 PERIODIC REVIEW REPORT NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008) AUBURN, NEW YORK</p>
<p>SITE LOCATION MAP</p>
 <p>PARSONS 301 Plainfield Rd, Ste 350, Syracuse, NY, Ph: 315-451-9560</p>



LEGEND:

—G—	NATURAL GAS LINE	— — —	ENVIRONMENTAL EASEMENT/SITE BOUNDARY (NOTE 2)
—OH—	OVERHEAD ELECTRIC		REMEDIAL CONSTRUCTION PHASE 4
—624—	EXISTING CONTOUR		SOIL STABILIZATION WALL
○	EXISTING UTILITY POLE		SOIL STABILIZATION WALL REMOVED SECTION (NOTE 3)
	EXISTING BUILDING		SITE COVER
	DESIGN SEDIMENT REMOVAL LIMITS (NOTE 4)		ECOLOGICAL BUFFER ZONE
— · · · —	EDGE OF WATER	⊕	MONITORING WELL
— — —	REMEDIAL CONSTRUCTION PHASE 1	◆	NAPL COLLECTION WELL
	*PHASE 2 (NOT SHOWN) – ACTIVITIES COMPLETED BY NYSEG	⊠	2010 PDI SAMPLE LOCATION T-12-C (NOTE 5)
— — —	REMEDIAL CONSTRUCTION PHASE 3		

NOTES:

1. GAS LINES AND OVERHEAD ELECTRIC/POLES WITHIN THE PHASE 3 AREA WERE RELOCATED DURING PHASE 2 ACTIVITIES.
2. THE ENVIRONMENTAL EASEMENT/SITE BOUNDARY FOR CLARK ST (APPENDIX A) CONTAINS THE ENTIRETY OF PARCEL 115.50-2-37. NO PARCEL BOUNDARY SURVEY WAS LOCATED DURING PREPARATION OF THIS DOCUMENT, THE LINE SHOWN IS ESTIMATED FOR ILLUSTRATION ONLY.
3. DESIGN LOCATION OF ISS WALL REMOVED SECTIONS FROM ARCADIS DESIGN DRAWING G22 "SOIL STABILIZATION WALL REMOVAL PLAN" AUGUST 2014.
4. LOCATIONS OF DESIGN SEDIMENT REMOVAL LIMITS TAKEN FROM ARCADIS DESIGN DRAWING G6 "GENERAL REMOVAL PLAN", AUGUST 2014.
5. LOCATION OF 2010 SEDIMENT SAMPLE T-12-C TAKEN FROM ARCADIS DESIGN DRAWING G16 "SEDIMENT REMOVAL PLAN (PHASE 4)", AUGUST 2014.



SCALE: 1"=100'

FIGURE 3.1

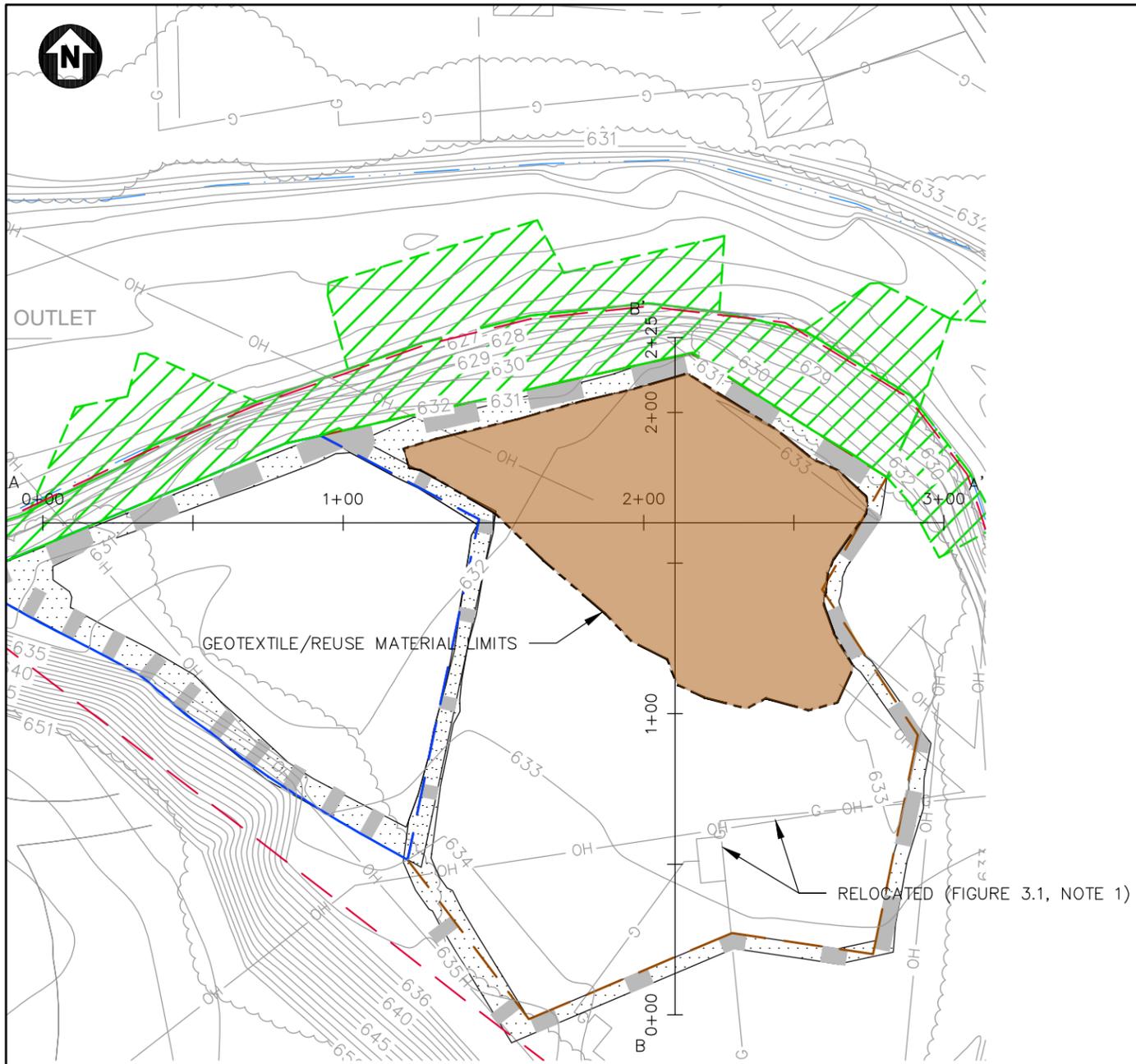
2024-2025 PERIODIC REVIEW REPORT
 NYSEG CLARK STREET FORMER MGP SITE
 (SITE NO. 706008)
 AUBURN, NEW YORK

SITE/REMEDY LAYOUT



PARSONS

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



ISS LIMITS PLAN
1" = 50'-0"

PLAN

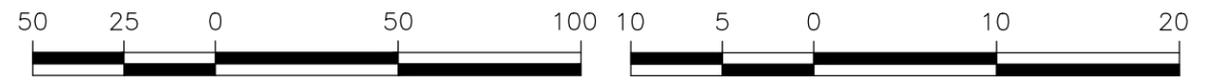
- ENVIRONMENTAL EASEMENT/SITE BOUNDARY (FIGURE 3.1, NOTE 2)
- - - EDGE OF WATER
- REMEDIAL CONSTRUCTION PHASE 1
- REMEDIAL CONSTRUCTION PHASE 3
- / - / REMEDIAL CONSTRUCTION PHASE 4
- SOIL STABILIZATION WALL
- SOIL STABILIZATION WALL REMOVED SECTIONS (FIGURE 3.1, NOTE 3)
- SITE COVER

LEGEND:

- REMEDIAL CONSTRUCTION PHASE 1
- REMEDIAL CONSTRUCTION PHASE 3
- ISS WALL PORTION REMOVED
- ISS WALL PORTION REMAINING
- IMPORTED GENERAL FILL

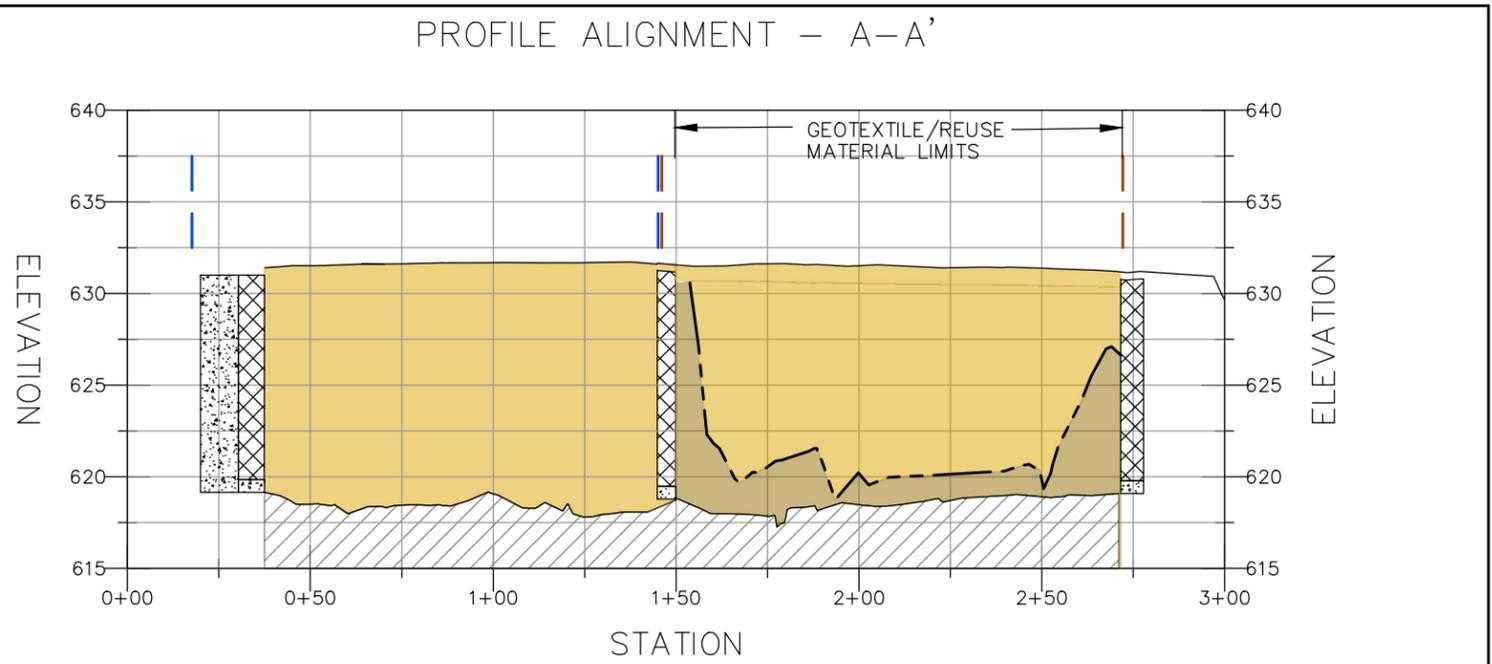
PROFILE

- - - GEOTEXTILE/REUSE MATERIAL LIMITS
- REUSE MATERIAL
- BEDROCK

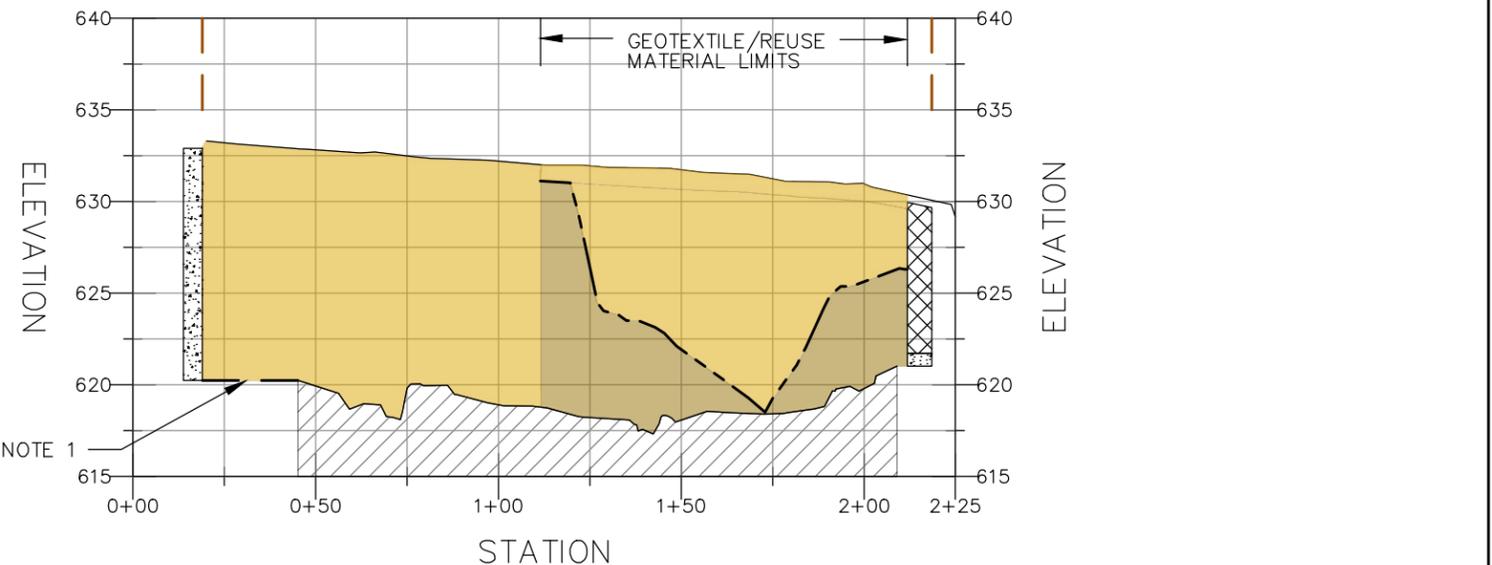


PLAN AND PROFILE: 1"=50'
HORIZONTAL SCALE

ISS LIMITS PROFILE
1" = 50'-0" HORIZONTAL
1" = 10'-0" VERTICAL 5X EXAGGERATION



PROFILE ALIGNMENT - B-B'



NOTE 1

NOTES:

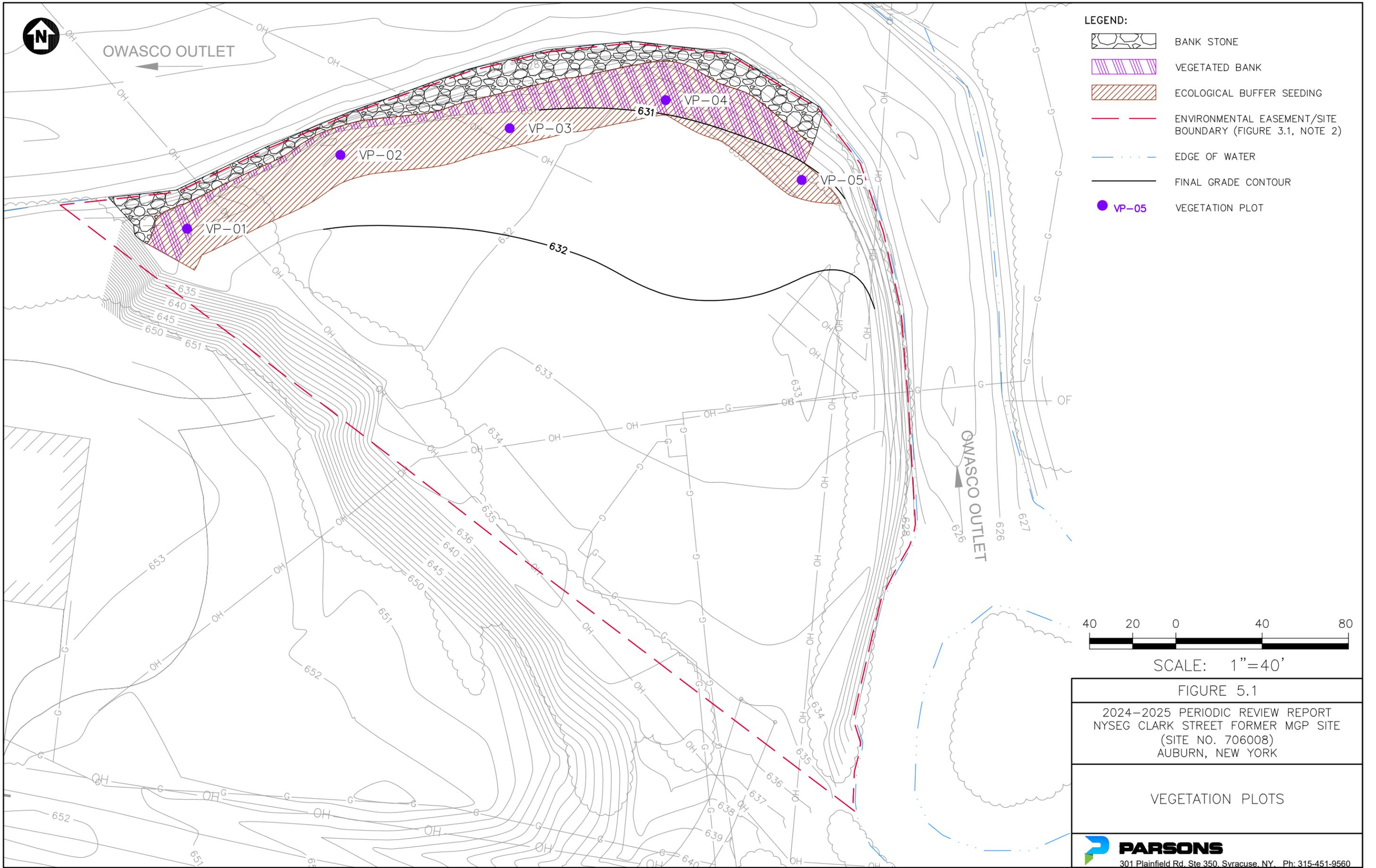
1. BEDROCK SURFACE FROM STATION 0+19 TO 0+45 ON PROFILE ALIGNMENT B-B' IS APPROXIMATED TO FACILITATE PLACEMENT OF IMPORTED GENERAL FILL FOR ILLUSTRATION.

FIGURE 3.2

2024-2025 PERIODIC REVIEW REPORT
NYSEG CLARK STREET FORMER MGP SITE
(SITE NO. 706008)
AUBURN, NEW YORK

COVER SYSTEM EXTENTS AND
HORIZONTAL PROFILE







- LEGEND:**
- ENVIRONMENTAL EASEMENT/SITE BOUNDARY (FIGURE 3.1, NOTE 2)
 - ◆ RECOVERY WELL
 - ⊕ OVERBURDEN MONITORING WELL
 - ◆ BEDROCK MONITORING WELL
- NOTES:**
1. PROPERTY LINE DIGITIZED FROM INFORMATION TAKEN FROM CAYUGA COUNTY GIS, 2024. LOCATION IS APPROXIMATE.
 2. VALUES SHOWN IN ug/L.
 3. TABLE QUALIFIERS:
 - 3.A. U: COMPOUNDS NOT DETECTED ABOVE THE REPORTING LIMIT
 - 3.B. J: ESTIMATED VALUE
 4. SHADING INDICATES EXCEED CLASS GA STANDARDS.



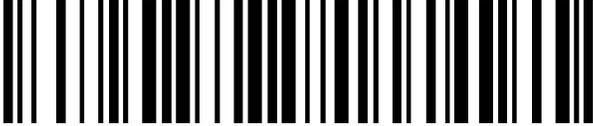
SCALE: 1"=50'

FIGURE 5.2
2024-2025 PERIODIC REVIEW REPORT NYSEG CLARK STREET FORMER MGP SITE (SITE NO. 706008) AUBURN, NEW YORK
GROUNDWATER MONITORING ANALYTICAL RESULTS 2024
PARSONS 301 Plainfield Rd. Ste 350, Syracuse, NY. Ph: 315-451-9560

APPENDIX A ENVIRONMENTAL EASEMENT

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

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



BOOK/PAGE: 3918 / 91
INSTRUMENT #: 2020-197719

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 #: 246
Exempt
Consideration: 0.00

Total: 0.00

Record and Return To:

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

ELECTRONICALLY RECORDED BY CSC INGEO

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

THIS INDENTURE made this 10th 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 211 Clark 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 115.50 Block 02 Lot 37, being the same as that property conveyed to Grantor by deed dated October 9, 1905 and recorded in the Cayuga County Clerk's Office in Liber and Page 36/328. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 1.6 +/- acres, and is hereinafter more fully described in the Land Title Survey dated June 10, 2016 prepared by Paul J. 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

vicinity of the
Broadway Dominion LLC
2000 First Street Bank Plaza
100 Westport Street
Rochester NY 14604

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Order on Consent Index Number: DO-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: 706008
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: 

Print Name: Timothy Altier

Title: Manager Date: 7/27/20

Grantor's Acknowledgment

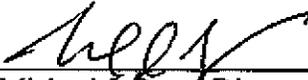
STATE OF NEW YORK)
) ss:
COUNTY OF Monroe)

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

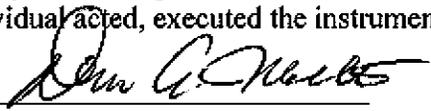
THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

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

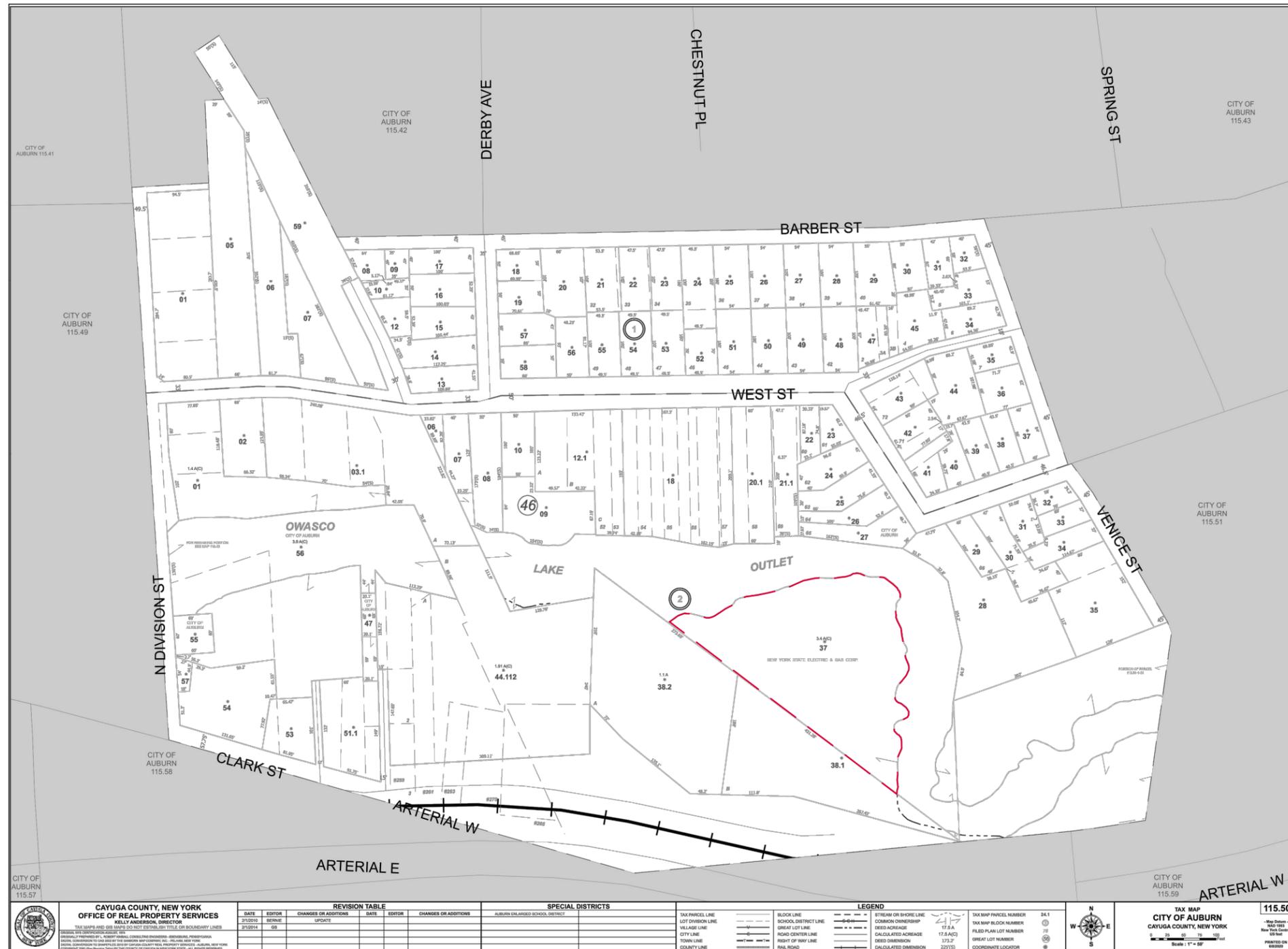
Drew A. Wellette
Notary Public, State of New York
Qualified In Schenectady Co.
No. 01WE6089074
Commission Expires 03/17/ 2023

SCHEDULE "A" PROPERTY DESCRIPTION

NEW YORK STATE ELECTRIC AND GAS
CLARK STREET, AUBURN SITE
TAX MAP NO. 115.50-02-37

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 A POINT ON THE NORTHEASTERLY CORNER OF PARCEL A, OF A MAP SHOWING THE DIVISIONS OWNED BY ROBERT A. AND LORATTA M. SACKEL, MAP FILED IN THE CAYUGA COUNTY CLERKS OFFICE ON 03-22-1994 AS MAP NUMBER 94-50; THENCE N53°06'35"W, ALONG SAID NORTHERLY LINE OF SAID LOT A, FOR A DISTANCE OF 132.5 FEET TO A POINT ON THE SOUTHERLY BANK OF OWASCO LAKE OUTLET; THENCE EASTERLY AND SOUTHERLY ALONG SAID BANK, FOR A DISTANCE OF 692 FEET TO A POINT ON THE NORTHERLY LINE OF PARCEL B MAP NUMBER 94-50; THENCE N53°06'35"W ALONG SAID NORTHERLY BOUNDARY OF PARCEL B, FOR A DISTANCE OF 307.5 FEET TO A AND PLACE OF BEGINNING, CONTAINING 1.6 PLUS OR MINUS ACRES OF LAND.

SUBJECT TO ALL COVENANTS, EASEMENTS AND RESTRICTIONS OF RECORD.



 CAYUGA COUNTY, NEW YORK OFFICE OF REAL PROPERTY SERVICES KELLY ANDERSON, DIRECTOR <small>TAX MAPS ARE NOT TO BE USED FOR TITLE OR BOUNDARY LINES</small> <small>REGULAR USE IDENTIFICATION: 10/1/2018</small> <small>REVISIONS TO THIS MAP: 10/1/2018</small> <small>ADDITIONAL INFORMATION TO THIS MAP: 10/1/2018</small> <small>DATE OF NEXT REVISION: 10/1/2018</small>	REVISION TABLE		SPECIAL DISTRICTS		LEGEND		 TAX MAP CITY OF AUBURN CAYUGA COUNTY, NEW YORK 115.50 Scale: 1" = 50' PRINTED ON: 10/1/2018																																							
	<table border="1"> <thead> <tr> <th>DATE</th> <th>EDITOR</th> <th>CHANGES OR ADDITIONS</th> </tr> </thead> <tbody> <tr> <td>2/1/2018</td> <td>BEVINE</td> <td>UPDATE</td> </tr> <tr> <td>2/1/2018</td> <td>BEVINE</td> <td>UPDATE</td> </tr> </tbody> </table>	DATE	EDITOR	CHANGES OR ADDITIONS	2/1/2018	BEVINE		UPDATE	2/1/2018	BEVINE	UPDATE	<table border="1"> <thead> <tr> <th>DATE</th> <th>EDITOR</th> <th>CHANGES OR ADDITIONS</th> </tr> </thead> <tbody> <tr> <td>2/1/2018</td> <td>BEVINE</td> <td>UPDATE</td> </tr> <tr> <td>2/1/2018</td> <td>BEVINE</td> <td>UPDATE</td> </tr> </tbody> </table>	DATE	EDITOR	CHANGES OR ADDITIONS	2/1/2018	BEVINE	UPDATE	2/1/2018	BEVINE	UPDATE	<table border="1"> <thead> <tr> <th>SYMBOL</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>---</td> <td>BLOCK LINE</td> </tr> <tr> <td>---</td> <td>SCHOOL DISTRICT LINE</td> </tr> <tr> <td>---</td> <td>GREAT LOT LINE</td> </tr> <tr> <td>---</td> <td>ROAD CENTER LINE</td> </tr> <tr> <td>---</td> <td>RIGHT OF WAY LINE</td> </tr> <tr> <td>---</td> <td>RAIL ROAD</td> </tr> <tr> <td>---</td> <td>STREAM OR SHORE LINE</td> </tr> <tr> <td>---</td> <td>COMMON OWNERSHIP</td> </tr> <tr> <td>---</td> <td>DEED BACKRANGE</td> </tr> <tr> <td>---</td> <td>CALCULATED ACRES</td> </tr> <tr> <td>---</td> <td>DEED DIMENSION</td> </tr> <tr> <td>---</td> <td>CALCULATED DIMENSION</td> </tr> </tbody> </table>	SYMBOL	DESCRIPTION	---	BLOCK LINE	---	SCHOOL DISTRICT LINE	---	GREAT LOT LINE	---	ROAD CENTER LINE	---	RIGHT OF WAY LINE	---	RAIL ROAD	---	STREAM OR SHORE LINE	---	COMMON OWNERSHIP	---	DEED BACKRANGE	---	CALCULATED ACRES	---	DEED DIMENSION
DATE	EDITOR	CHANGES OR ADDITIONS																																												
2/1/2018	BEVINE	UPDATE																																												
2/1/2018	BEVINE	UPDATE																																												
DATE	EDITOR	CHANGES OR ADDITIONS																																												
2/1/2018	BEVINE	UPDATE																																												
2/1/2018	BEVINE	UPDATE																																												
SYMBOL	DESCRIPTION																																													
---	BLOCK LINE																																													
---	SCHOOL DISTRICT LINE																																													
---	GREAT LOT LINE																																													
---	ROAD CENTER LINE																																													
---	RIGHT OF WAY LINE																																													
---	RAIL ROAD																																													
---	STREAM OR SHORE LINE																																													
---	COMMON OWNERSHIP																																													
---	DEED BACKRANGE																																													
---	CALCULATED ACRES																																													
---	DEED DIMENSION																																													
---	CALCULATED DIMENSION																																													

LEGEND:

— ENVIRONMENTAL EASEMENT (NOTE 2)

NOTES:

1. TAX MAP OBTAINED FROM THE CAYUGA COUNTY, NEW YORK OFFICE OF REAL PROPERTY SERVICES ONLINE DATABASE MAP NUMBER 115.050.
2. THE ENVIRONMENTAL EASEMENT FOR CLARK ST. (APPENDIX A) CONTAINS THE ENTIRETY OF PARCEL 115.50-2-37. THE LINE SHOWN IS FOR ILLUSTRATION ONLY.

FIGURE A1

NYSEG
CLARK STREET FORMER MGP SITE
AUBURN, NEW YORK

ENVIRONMENTAL EASEMENT



301 PLAINFIELD ROAD • SUITE 350 • SYRACUSE, NY 13212 • 315/451-9560
 OFFICES IN PRINCIPAL CITIES

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.	706008			
Site Name NYSEG - Auburn Clark St. MGP				
Site Address: Clark St. Zip Code: 13021-				
City/Town: Auburn				
County: Cayuga				
Site Acreage: 1.600				
Reporting Period: January 13, 2023 to May 13, 2024				
		YES	NO	
1.	Is the information above correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4.	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
		Box 2		
		YES	NO	
6.	Is the current site use consistent with the use(s) listed below? Commercial and Industrial	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7.	Are all ICs in place and functioning as designed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.				
A Corrective Measures Work Plan must be submitted along with this form to address these issues.				
_____ Signature of Owner, Remedial Party or Designated Representative			_____ Date	

Description of Institutional Controls

Parcel

Owner

New York State Electric & Gas Corp

Institutional Control

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 that penetrates the soil cover

Description of Engineering Controls

Parcel

Engineering Control

Cover System
Fencing/Access Control

Periodic Review Report (PRR) Certification Statements

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

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

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

YES NO

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

**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. 706008**

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

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

am certifying as Owner (Owner or Remedial Party)

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

LeviaTerrell

May 16, 2024

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

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.

I, Jeffrey Poulsen, PG at 40 LaRiviere Drive, Buffalo, NY 14202

am certifying as a Qualified Environmental Professional for the NYSEG CLARK ST 2023-24
PRR



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

Stamp (Required for PE)

May 16 2024
Date