

**HAVERSTRAW 93B MAPLE AVENUE FORMER MGP SITE
OPERABLE UNIT 2
PERIODIC REVIEW REPORT
NYSDEC AOC INDEX NO. D3-0001-99-01
SITE NO: 3-44-044**



Orange & Rockland

**ORANGE & ROCKLAND UTILITIES, INC.
390 WEST ROUTE 59
SPRING VALLEY, NY 10977**

Prepared by:

**GEI Consultants, Inc., P.C.
530 7th Avenue, Ste. 2007
New York, NY 10018**

August 25, 2023

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Abbreviations and Acronyms

AOC	Administrative Order on Consent
BTEX	Benzene, toluene, ethylbenzene, and xylene
COC	Constituents of Concern
Con Edison	Consolidated Edison Company of New York, Inc.
DER	Division of Environmental Remediation
DNAPL	Dense Non-Aqueous Phase Liquid
GEI	GEI Consultants, Inc., P.C.
ISCO	In-Situ Chemical Oxidation
MGP	Manufactured Gas Plant
NAPL	Non-Aqueous Phase Liquid
NYSDEC	New York State Department of Environmental Conservation
NYSWQS	New York State Water Quality Standards
OU-2	Operable Unit 2
O&R	Orange and Rockland Utilities
ppm	parts per million
PRR	Periodic Review Report
RAOs	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RI	Remedial Investigation
SCOs	Soil Cleanup Criteria
SM	Site Management
SMP	Site Management Plan
SVOCs	Semi-Volatile Organic Compounds
VOCs	Volatile Organic Compounds

1. Executive Summary

GEI Consultants, Inc., P.C., on behalf of Orange & Rockland Utilities, Inc. (O&R), presents this Haverstraw 93B Maple, Operable Unit 2 (OU-2) Periodic Review Report (PRR), which presents a summary of the implementation of, and compliance with, site-specific Site Management (SM) requirements completed by O&R from July 27, 2022 to July 27, 2023 at the Haverstraw 93B Maple Avenue former manufactured gas plant (MGP) site located in Haverstraw, New York (Fig. 1). This report has been prepared in accordance with the requirements of Section 6 of *Division of Environmental Remediation (DER)-10, Technical Guidance for Site Investigation and Remediation*, and the Administrative Order on Consent, Index No. D3-0001-99-01 (AOC) signed by O&R and the New York State Department of Environmental Conservation (NYSDEC).

1.1 Site Summary

The 93B Maple Avenue former MGP site is located in the Village of Haverstraw, Rockland County, New York. The former MGP property is bounded on all sides by residential parcels at 91, 93A, and 95 Maple Avenue; 2 and 6 Tor Avenues; and 84 West Streets. The 93B Maple Avenue former MGP site consists of the former MGP and the adjacent parcels with identified MGP-related impacts. The site was divided into two operable units:

- **OU1:** The Parcels located at 87, 91, 93A, 93B, and 95 Maple Avenue (excluding the In-Situ Chemical Oxidation [ISCO] work areas at 93B and 95 Maple) (Fig. 1).
- **OU2:** The Parcels located at 99, 103, and 104 Maple Avenue, and the 93B and 95 Maple Avenue ISCO work areas) (Fig. 1).

The Site Management Plan (SMP) area is limited to two areas within Operable Unit 2 (OU2) including: Tax Map Parcel Lot 77 [93B Maple Avenue], and a small portion of Tax Map Parcel Lot 75 [95 Maple Avenue] (Fig. 1), herein referred to as “the Site.” The Site is a rectangular, flat 0.21-acre property of land, which contains portion of the one-story concrete block building on the 93B Maple Avenue Parcel and portion of the adjacent open yard on the 95 Maple Avenue Parcel.

The two parcels are owned by the following:

- **93B Maple Avenue Parcel:** Five Acres Realty, Inc. 93A Maple Avenue, Haverstraw, NY 10927.
- **95 Maple Avenue Parcel:** Ruben Garcia and Maria Luz, Inc. 5 Maple Avenue, Haverstraw, NY 10927.

O&R has completed a remedial investigation and a NYSDEC-approved remedy for the Site. The remedial investigations determined the presence of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) in subsurface-soil samples at concentrations that exceed the NYSDEC-established project Soil Cleanup Criteria (SCOs) (i.e., soil-containing dense non-aqueous phase liquid [DNAPL] tar and/or concentrations of total PAHs greater than 25 parts per million [ppm], and/or impacted with total cyanide. Non-aqueous phase liquid (NAPL) was observed during the Remedial Investigation (RI) beneath the southern half of the concrete block building.

The Haverstraw Former MGP was remediated in two phases, Phase I IRM (OU-1) and Phase II IRM (OU-2). The Phase I IRM was completed in OU-1 and included the removal of the former holder and impacted soils that exceed the project Soil Cleanup Criteria. The Phase II IRM was completed at the Site to remove visible NAPL and impacted soils that exceed the project Soil Cleanup Criteria. The IRM included the removal of MGP-impacted soils on the 99, 103 and 104 Maple Avenue portions of the OU-2 area where excavation was required to meet the project Soil Cleanup Criteria and in-situ chemical oxidation (ISCO) treatment to treat residual impacts located below the single-story concrete existing building.

1.2 Effectiveness of the Remedial Program

The Phase II IRM was completed in June 2005. A Certification Report detailing the excavation, backfill, and ISCO treatment was approved by the NYSDEC in 2006. In March 2006, the NYSDEC issued a ROD stating that no further remedial measures or land use restrictions were necessary for the 99, 103, and 104 Maple Avenue parcels of OU2. However, since the ISCO did not achieve the remedial goals at the 93B Maple Avenue and 95 Maple Avenue areas of OU2 and excavation is not possible because of the presence of the building, an SMP identifying controls and monitoring was required. The ROD also requires no future water supply wells be installed at the Site without review and approval of the Rockland County Health Department. To date, the remedial program has been successful at meeting the remedial objectives for the Site.

1.3 Compliance with SMP

All work conducted at the Site during the monitoring period was in compliance with the NYSDEC-approved SMP. No corrective action is necessary at this time.

1.4 Recommendations

O&R does not recommend any changes to the SMP currently. O&R recommends that the annual frequency of PRRs be continued.

2. Site Overview

The SMP area is limited to two areas within OU2 including: Tax Map Parcel Lot 77 [93B Maple Avenue], and a small portion of Tax Map Parcel Lot 75 [95 Maple Avenue], herein referred to as “the Site” (Fig. 1). The 93B Maple Avenue former MGP site is located in the Village of Haverstraw, Rockland County, New York. The former MGP property is bounded on all sides by residential parcels at 91, 93A, and 95 Maple Avenue; 2 and 6 Tor Avenues; and 70 and 84 West Streets. The 93B Maple Avenue former MGP site consists of the former MGP and the adjacent parcels with identified MGP-related impacts. The site was divided into two operable units:

- **OU1:** The Parcels located at 87, 91, 93A, 93B, and 95 Maple Avenue (excluding the In-Situ Chemical Oxidation [ISCO] work areas at 93B and 95 Maple) (Fig. 1).
- **OU2:** The Parcels located at 99, 103, and 104 Maple Avenue, and the 93B and 95 Maple Avenue ISCO work areas) (Fig. 1).

The former MGP property boundary and the locations of the former MGP structures are shown in Fig. 2. The Site is a rectangular, flat 0.21-acre property of land, which contains portion of the one-story concrete block building on the 93B Maple Avenue Parcel and portion of the adjacent open yard on the 95 Maple Avenue Parcel. The two parcels are owned by the following:

- **93B Maple Avenue Parcel:** Five Acres Realty, Inc. 93A Maple Avenue, Haverstraw, NY 10927.
- **95 Maple Avenue Parcel:** Ruben Garcia and Maria Luz, Inc. 5 Maple Avenue, Haverstraw, NY 10927.

2.1 Pre-Remedy Nature and Extent

The RI and a Supplemental RI evaluated the nature and extent of MGP-residuals prior to any remedial measures. The results of the investigations were reported in the RI Report (GEI, 2002) and are summarized below.

Soil – The RI identified the subsurface of the Site had been impacted by MGP-related residuals. Coal tar was the major type of residual present at the Site. The main categories of constituents of concern (COC) were volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs). Benzene, toluene, ethylbenzene, and xylene (BTEX) and polyaromatic hydrocarbon (PAH) compounds exceed the Recommended Soil Clean-up Objectives (RSCOs). Cyanide was also detected on the Site. The most significant impacts were in the former gas holder area, and

on the parcels southwest of the former MGP where trace amounts of tar-impacted soil were observed. The subsurface soils on the Site contained PAHs that ranged from non-detect (ND) to 11,790 parts per million (ppm).

Groundwater – The RI identified groundwater COC in concentrations exceeding New York State Water Quality Standards (NYSWQS). However, the impacted groundwater plume was generally limited to the area with identified MGP-related residuals and did not appear to have impacted down gradient areas.

2.2 Remedial Action Objectives

As described in the NYSDEC-Approved Phase II Interim Remedial Measure (IRM) Work Plan and OU-2 IRM Certification Report, the remediation requirements for OU-2 included excavation of impacted soils and ISCO treatment of impacted soils on the 93B Maple Avenue parcel. The remediation requirements were developed to meet the site-specific remedial action objectives (RAOs) identified in the IRM Work Plan. These RAOs include:

- Removal of free-phase tar, if present, and soils visually impacted by tar.
- Removal of soils containing MGP-related total PAHs above 25 ppm.
- Removal of soils containing MGP-related cyanide.
- In-situ chemical oxidation treatment of soils containing PAHs above 25 ppm with the objective of achieving the cleanup criteria of 25 ppm.

2.3 Remedial Program Chronology

The Phase II IRM activities began in January 2005. All remedial activities were completed in June 2005. Interim Remedial Measure was implemented in accordance with the NYSDEC-approved IRM Work Plan (IRMWP) and documented in the OU-2 IRM Certification Report. The remediation requirements for OU-2 included excavation of impacted soils and in-situ chemical oxidation (ISCO) treatment to treat inaccessible impacted soils located below the single-story concrete existing building.

Excavation of materials was required to meet the NYSDEC-approved cleanup criteria for the Site. The NYSDEC required the removal of visible tar impacts and soil containing total PAH concentrations greater than 25 ppm and soils impacted with total cyanide. Soil endpoint confirmation samples documented achievement of the remedial criteria. The excavation was backfilled in accordance with IRM Work Plan. Upon completion of backfilling and removal of all temporary systems, the effected properties were restored to their approximate pre-IRM conditions.

The ISCO treatment consisted of three rounds of oxidant and activator injection into the MGP-impacted soil via 18 injection wells. Two sets of confirmatory soil samples were collected to assess the effectiveness of the ISCO treatment toward achieving the cleanup objectives. The first set of confirmatory samples was collected after the first injection round and the second set was collected after the third round.

3. Evaluation of Remedy

As described in the OU-2 Certification Report, the remedial action conducted has met the site-specific RAOs established in the Remedial Action Work Plan (RAWP). Specifically, the remedy has met or continues to meet the following RAOs.

- Exposures of persons at or around the Site to BTEX and PAHs in subsurface soils, and former structures.
- The remedy removed impacted soils at 99, 103, and 104 Maple Avenue to achieve Unrestricted Use Criteria.
- ISCO activities achieved some reduction of total mass of total PAH within the treated areas but did not achieve the cleanup objectives required to achieve unrestricted land use at the OU2 portions of 93B and 95 Maple Avenue, however the risk of direct exposure to contaminants is not present due to the building at the Site.
- Institutional Controls (inspections and monitoring) are required for the portions of 93B and 95 Maple Avenue with soil impacts that exceed the remedial action objectives.
- The potential release of contaminants from subsurface soil and former plant structures into groundwater.
- The remedy removed the source of groundwater impacts at the Site by removing MGP-related contaminants which did not meet the site-specific cleanup criteria.

4. Institutional Control Plan Compliance Report

4.1 Institutional Control Requirements

The institutional controls set forth by the SMP are as follows:

- Future use and development constraints for the parcels.
- Worker notification if utility or other intrusive work is planned on Lot 77 [93B Maple Avenue] and Lot 75 [95 Maple Avenue] parcel for any excavations inside the remaining contamination area.
- Prohibiting the use of the groundwater underlying the Site, without approval from the NYSDOH and the Rockland County Department of Health (RCDOH). Notification to the NYSDEC of a potential change in Lot 77 [93B Maple Avenue] and Lot 75 [95 Maple Avenue] parcel use prior to any action that could result in an exposure to Site-related COC.
- Adherence to this SMP and development of a Health and Safety Plan (HASP) for the potential excavation or removal of MGP-impacted residual soil from the Site.
- Prior to the occupancy of the building at Lot 77 [93B Maple Avenue], a Soil Vapor Intrusion (SVI) Evaluation will be performed to assess soil vapor and indoor air quality.
- Annual inspection and certification to confirm appropriate use of Lot 77 [93B Maple Avenue] and Lot 75 [95 Maple Avenue], and to ensure that Institutional Controls included in this remedy are in place and remain effective to control the identified potential exposures.
- O&R will submit to NYSDEC a written statement that certifies, based on general observations from the public right-of-way, that: (1) controls employed at Lot 77 [93B Maple Avenue] and Lot 75 [95 Maple Avenue] parcels are apparently unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and (2) nothing has occurred that apparently impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access Lot 77 [93B Maple Avenue] and Lot 75 [95 Maple Avenue] parcels at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

4.2 Institutional Control Compliance

4.2.1 Site Inspection

A periodic review inspection was conducted by Con Edison and GEI on August 1, 2023. Photographs of the site conditions during the site walk are included in Appendix A. A copy of the Annual Inspection and Certification Checklist is included in Appendix B. A copy of the NYSDEC Institutional Controls Certification Form is included in Appendix C. The site walk was conducted from the street level to identify any changes to the site conditions since the completion of the OU-2 remedy in 2005. The concrete block building is still in place over the majority of the remaining contamination on Lot 77. There is no evidence of construction in the area of remaining contamination in the rear of Lot 75 adjacent to the concrete block building. An above ground pool and residential shed were constructed in the rear of Lot 75 outside of the area of remaining contamination since the completion of the remedy.

5. Conclusions and Recommendations

The requirements of the SMP were met during site activities during the reporting period (July 27, 2022 to July 27, 2023).

5.1 Institutional Controls

The institutional controls established in the SMP and described above in subsection 4.1 were complied with during the reporting period.

- An annual inspection and certification under the direction of a New York State-Licensed Professional Engineer was completed on August 1, 2023 to confirm that the land use restrictions specified in the ROD for the Site are being complied with, and that the institutional controls specified in the ROD are in place and remain effective to control the risk of potential exposure to subsurface residual contamination by persons at or around the Site.
- The Site continues to be covered by the concrete block building.
- No water supply or irrigation wells have been installed on the Site.

5.2 Performance and Effectiveness of the Remedy

The institutional controls have proved effective in preventing uncontrolled exposure to material below the concrete block building.

5.3 Future Periodic Review Report Submittals

Future PRR submittals will occur on an annual basis.

References

GEI, 2002. *Draft Remedial Investigation Report, 93B Maple Avenue Former MGP Site, Haverstraw, New York, AOC Index No. D3-0001-99-01, Site No. 3-44-044, March 29, 2002.*

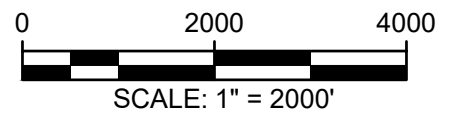
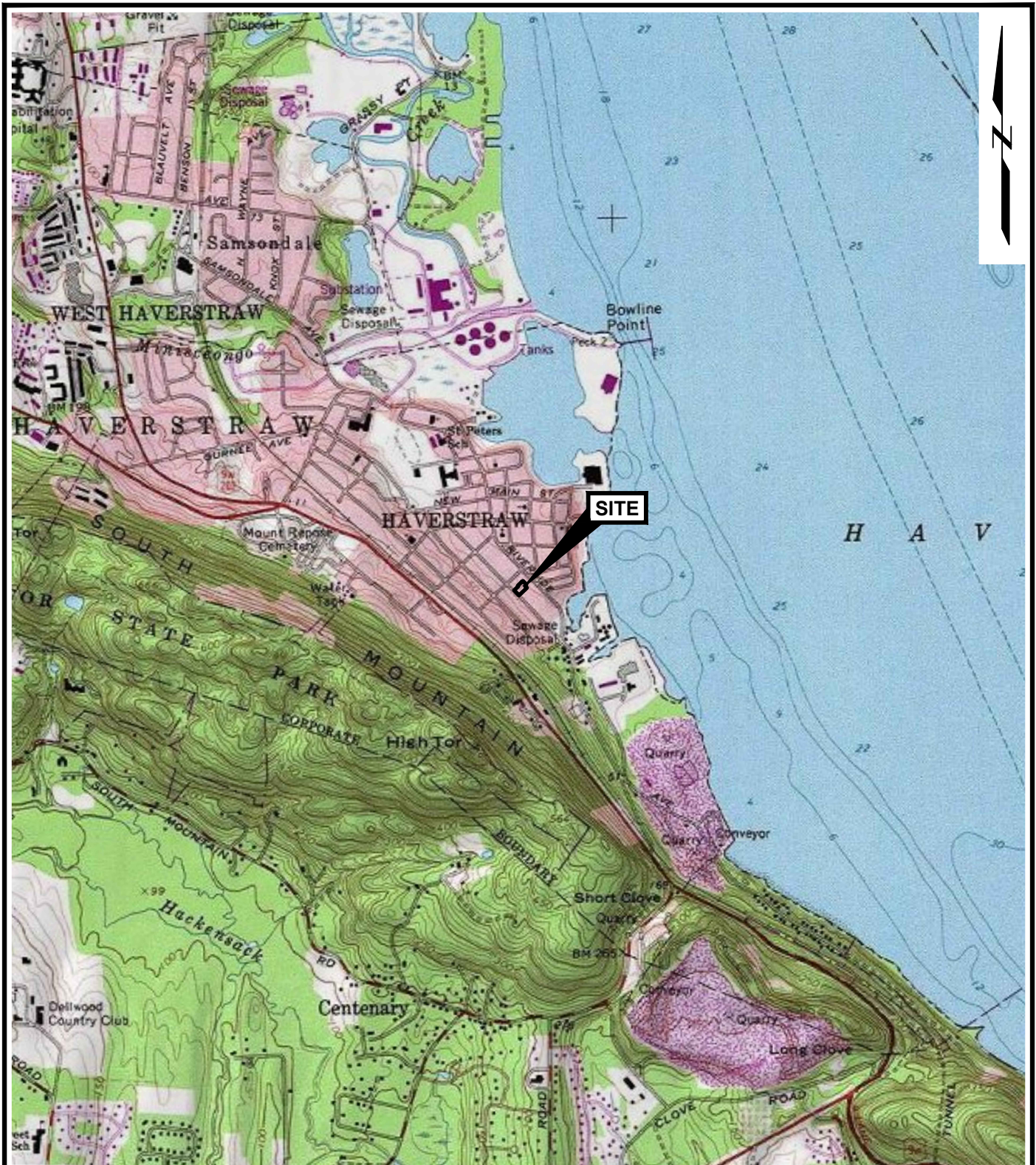
GEI, 2002. *Interim Remedial Measure Work Plan, 93B Maple Avenue Former MGP Site, Haverstraw, New York, AOC Index No. D3-0001-99-01, Site No. 3-44-044, August 2, 2002.*

GEI, 2004. *Phase II IRM Work Plan, OU-2, Interim Remedial Measure Work Plan, 93B Maple Avenue Former MGP Site, Haverstraw, New York, AOC Index No. D3-0001-99-01, Site No. 3-44-044, December 20, 2004.*

GEI, 2006. *Phase II IRM, OU-2, Interim Remedial Measure Certification Report, 93B Maple Avenue Former MGP Site, Haverstraw, New York, AOC Index No. D3-0001-99-01, Site No. 3-44-044, March 31, 2006.*

GEI, 2020. *Site Management Plan, O&R 93B Maple Avenue, Haverstraw Former MGP Site, Operable Unit 2: Former Stream Channel & Off-Site Building Area, Village of Haverstraw, Rockland County, New York, AOC Index No: D3-0001-99-01, Site No. 3-44-044, September 2020.*

Figures



SITE MANAGEMENT PLAN
 93B MAPLE AVENUE MGP SITE
 HAVERSTRAW, NEW YORK

ORANGE & ROCKLAND UTILITIES, INC.
 SPRING VALLEY, NEW YORK

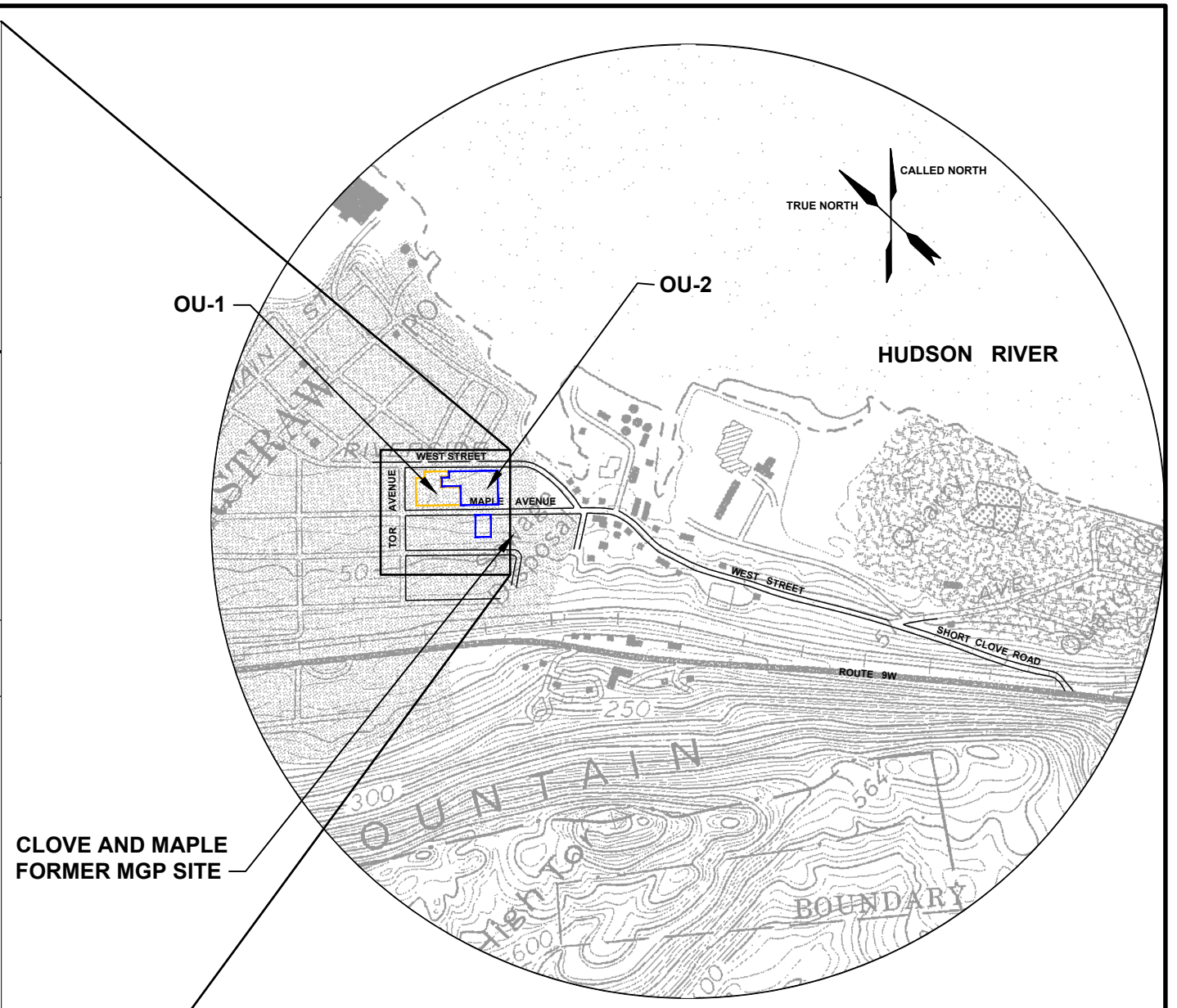
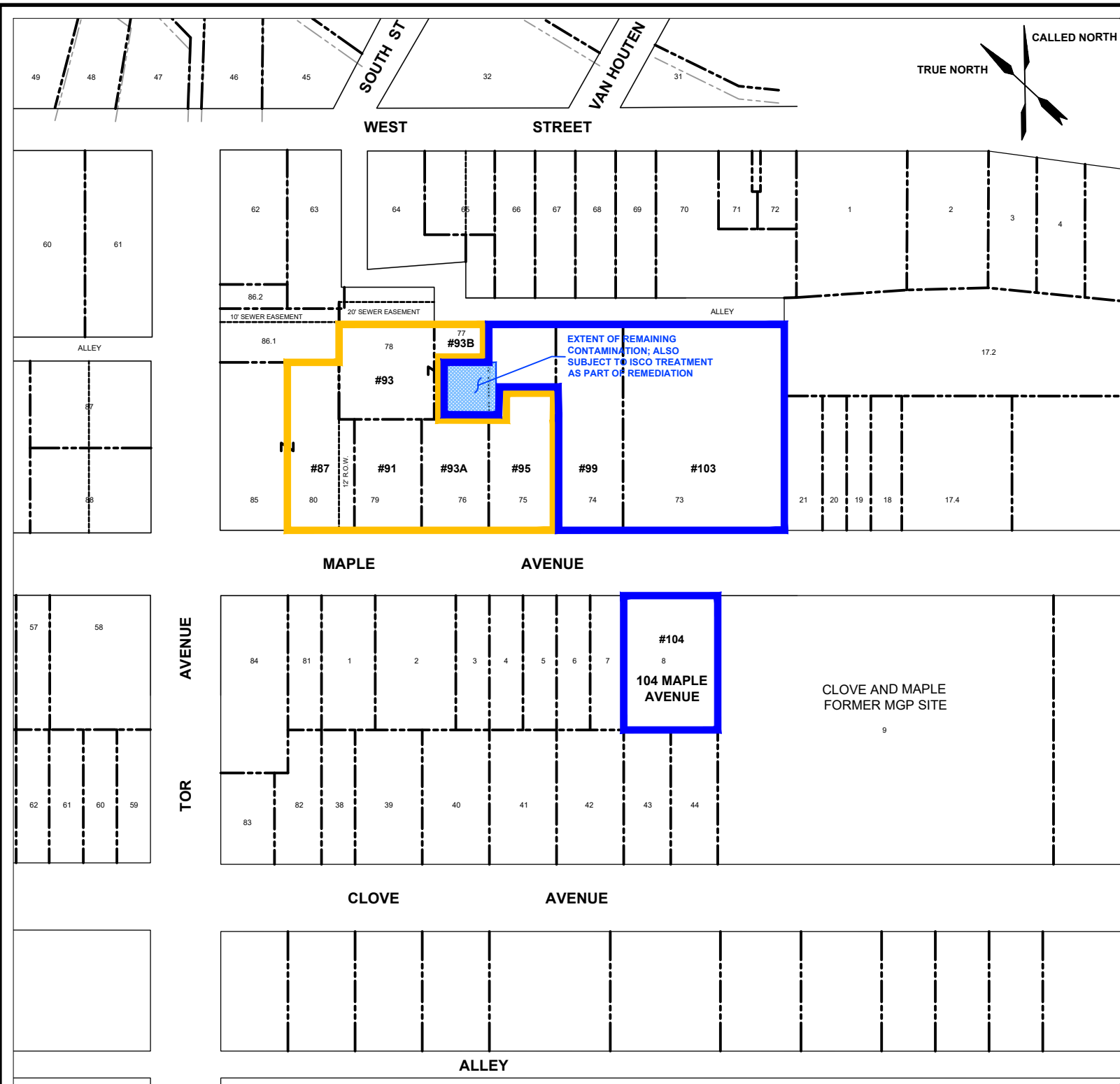


Project 2202636

SITE LOCATION MAP

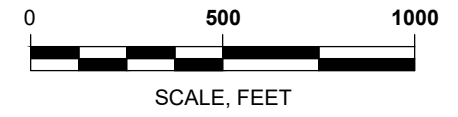
August 2022

Fig. 1



CLOVE AND MAPLE FORMER MGP SITE

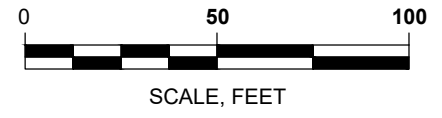
INDEX MAP



LEGEND:

	PROPERTY BOUNDARY
8	ASSESSOR'S LOT NUMBER
#104	STREET ADDRESS (MAPLE AVENUE)
	OU-1
	OU-2

NOTES:
1. ISCO: IN-SITU CHEMICAL OXIDATION.



SITE MANAGEMENT PLAN
93B MAPLE AVENUE MGP SITE
HAVERSTRAW, NEW YORK
 ORANGE & ROCKLAND UTILITIES, INC
 SPRING VALLEY, NEW YORK



SITE PLAN
 August 2022
 Figure 2

Appendix A

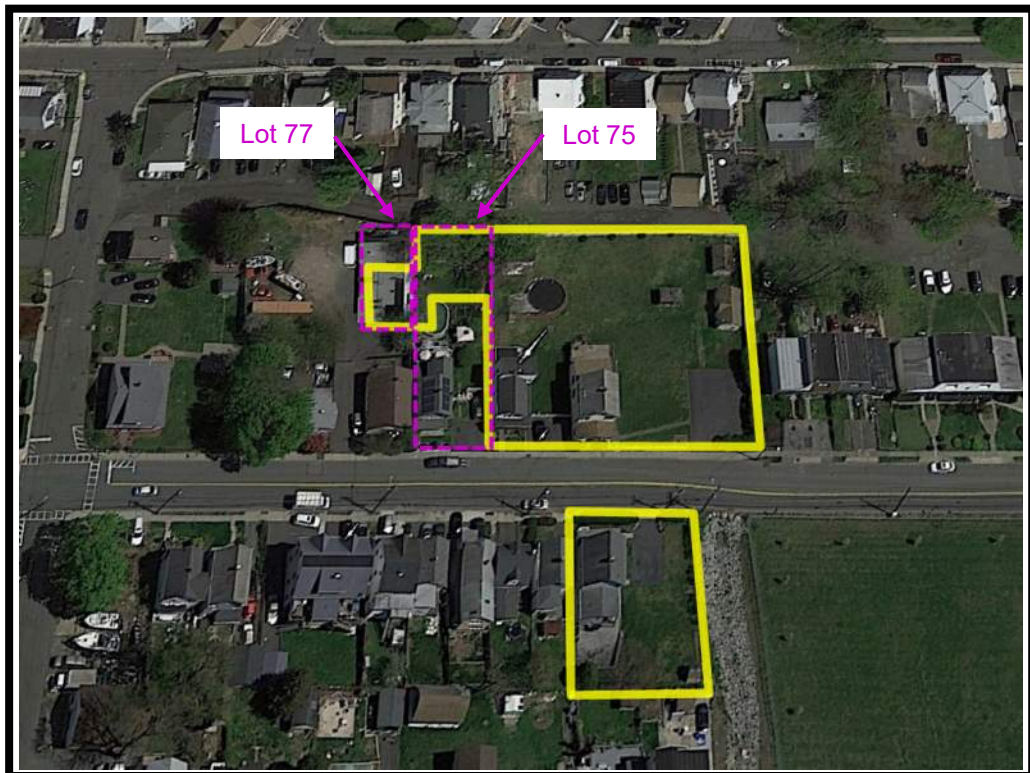
Photo Documentation

Appendix A
Photo Documentation
93B Maple Avenue Former MGP Site, Operable Unit No. 2



PHOTOGRAPH 1

April 2007 OU-2 Site Conditions Following IRM Completion.
SMP Applies to Lots 75 and 77 Within OU-2.



PHOTOGRAPH 2

April 2022 OU-2 Site Conditions. SMP Applies to Lots 75 and 77 Within OU-2.



PHOTOGRAPH 3

August 2023 93B Maple Avenue Vacant Lot and 93A Maple Avenue Concrete Block Building (Lot 77)
From Driveway of 93 Maple Avenue



PHOTOGRAPH 4

August 2023 93A Maple Avenue Concrete Block Building (Lot 77)
from Driveway of 95 Maple Avenue



PHOTOGRAPH 5

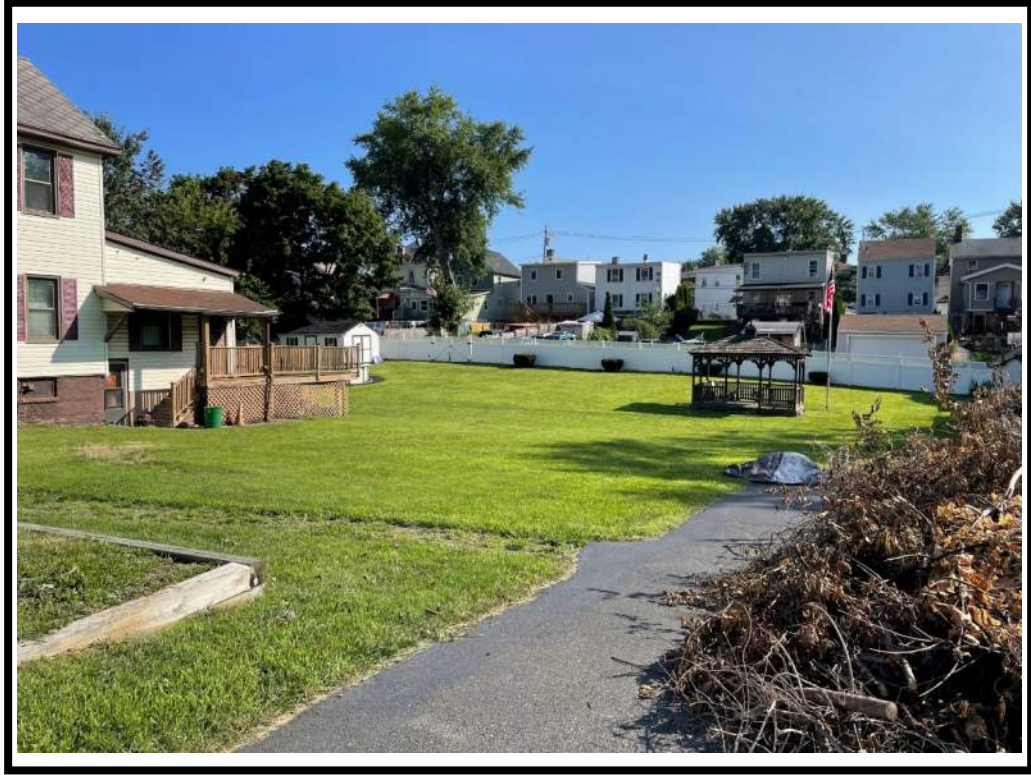
August 2023 93A Maple Avenue Concrete Block Building (Lot 77) and Rear of 95 Maple Avenue Property (Lot 75) from Driveway of 95 Maple Avenue



PHOTOGRAPH 6

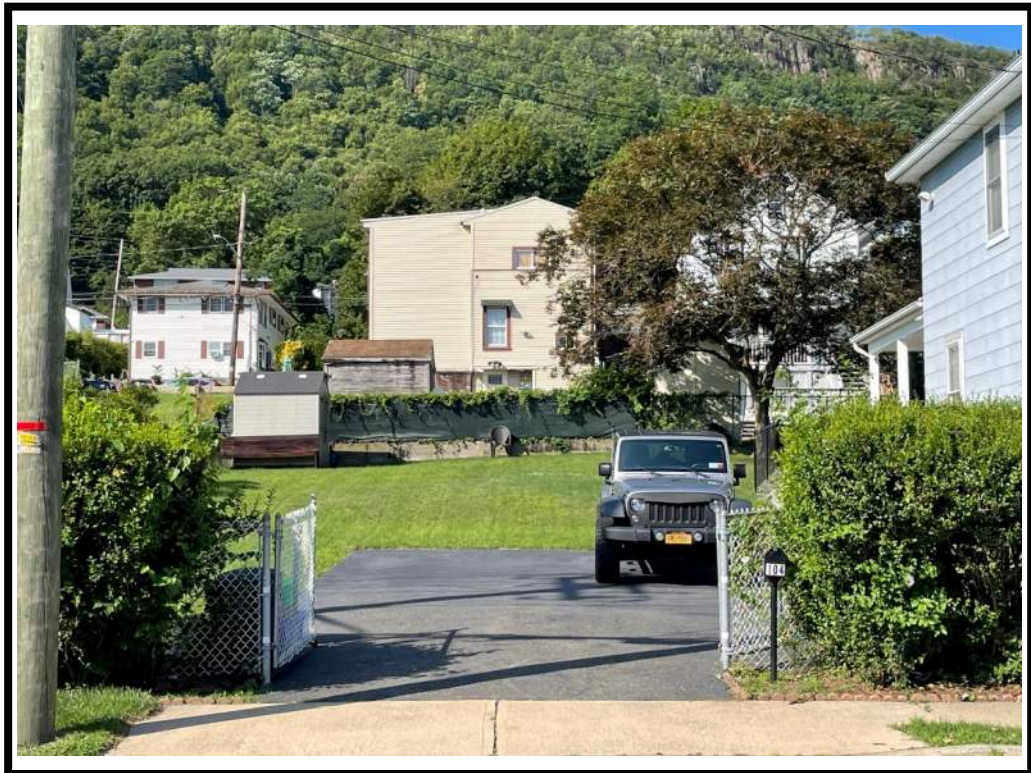
August 2023 93A Maple Avenue Concrete Block Building (Lot 77) and Rear of 95 Maple Avenue Property (Lot 75) from Driveway of 95 Maple Avenue

Appendix A
Photo Documentation
93B Maple Avenue Former MGP Site, Operable Unit No. 2



PHOTOGRAPH 7

August 2023 Rear of 99 Maple Avenue and 103 Maple Avenue Properties (Lots 74 and 73) from Driveway of 103 Maple Avenue. Lots 74 and 73 Are Not Included in OU-2 SMP Area.



PHOTOGRAPH 8

August 2023 104 Maple Avenue Properties (Lot 8) from Maple Avenue Sidewalk. Lot 8 Is Not Included in OU-2 SMP Area

Appendix B

Annual Inspection and Certification Checklist

SITE INSPECTION FORM

93B Maple Avenue Former Manufactured Gas Plant Site

SITE INSPECTION DATE: 08/01/2023 TIME OF ARRIVAL: 8:50 AM

DEPARTURE: 9:45 AM

WEATHER: Sunny, 67 F

Orange & Rockland Representative(s): Matt Levinson, Ken Kaiser

INSPECTION TYPE: Annual Inspection or Emergency Inspection

(if emergency indicate event that required an inspection): _____

Annual Inspection for PRR

Are the Institutional Controls in place, performing properly, and remain effective?

Site Signage in Place? Yes / No (NA)

Not Applicable, No Signage in Place

Does the Site comply with NYSDEC-approved Site Management Plan? (Yes) No

Has ownership of the property changed since the last inspection? Yes (No)

(Verify with Real Estate and Survey Departments)

Verified no land transactions via Haverstraw on-line land records. Lot 75 Last transferred in 2001. Lot 77 Last transferred in 2000. <https://townofhaverstraw.sdgny.com/> accessed 8/1/23

Are there any changes to intended site use (restricted Residential, Commercial Yes (No)

Or Industrial which would affect the SMP or institutional controls?

Is site used for agricultural purpose or vegetable gardens? Yes (No)

Is groundwater used as source of potable or process water onsite Yes (No)

If yes to the above – does water go through the necessary water quality treatment?

Yes/No

SITE INSPECTION FORM

93B Maple Avenue Former Manufactured Gas Plant Site

Are the Engineering Controls in place, performing properly, and remain effective?

Surface Cover Intact (i.e. no evidence of erosion, excavations)?

Yes / No

No evidence of erosion is present within the SMP area.

GENERAL SITE OBSERVATIONS:

Have there been any changes to the property since the last inspection?

(i.e. new equipment, residential buildings or facilities, changes in site topography, erosion, etc.)

No evidence of new structures is present within the SMP area.

The concrete block building remains in place.


NOTE:

Inspections should be made a minimum once a year and within 5 days of an emergency, such as a natural disaster or an unforeseen failure or damage to the building occurs. Inspections will be conducted by Orange & Rockland (or their agent) and results reported to NYSDEC.

COMPLETED BY: Stacey Ng, P.G.

REVIEWED BY: Matthew O'Neil, P.E.

SIGNATURE:



SIGNATURE



Appendix C

Institutional and Engineering Controls 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

Site No. **344044**

Box 1

Site Name **OR - Haverstraw 93B Maple MGP**

Site Address: 93B Maple Ave Zip Code: 10927
City/Town: Haverstraw
County: Rockland
Site Acreage: 0.210

Reporting Period: July 27, 2022 to July 27, 2023

- | | 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?
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

SITE NO. 344044

Box 3

Description of Institutional Controls

Parcel

Owner

Institutional Control

27.54-1-78

Five Acres Realty Inch

Site Management Plan

Box 4

Description of Engineering Controls

None Required

Not Applicable/No EC's

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

Not Applicable - No Engineering Controls

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. 344044

Box 6

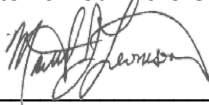
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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 Matthew Levinson at 31-01 20th Avenue, Astoria, NY 11105,
print name print business address

am certifying as Orange and Rockland Utilities (Owner or Remedial Party)

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



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

8/24/2023

Date