

Via Electronic Mail

February 13, 2023



Ms. Wendi Zheng  
Project Manager  
New York State Department of Environmental Conservation  
One Hunters Point Plaza  
47-40 21<sup>st</sup> Street  
Long Island City, NY 11101

Re: Periodic Review Report and IC/EC Certification Submittal  
Reporting Period: December 31, 2019 to December 31, 2022  
Arthur Kill Correctional Facility Firing Ranges  
2911 Arthur Kill Road, Staten Island, NY 10309-1101  
Site No. 243039

Prepared for: Staten Island Stages LLC  
203 Meserole Avenue  
Brooklyn, NY 11222

Dear Ms. Zheng:

Woodard & Curran has prepared this Periodic Review Report (PRR) and Institutional Control (IC) / Engineering Control (EC) Certification on behalf of Staten Island Stages, LLC for the Arthur Kill Correctional Facility Firing Ranges, Richmond County, Staten Island, New York (the Site). Pursuant to 6 NYCRR 375-1.2(at) and Chapter 6 of DER-10, this PRR documents activities undertaken to meet obligations set forth in the NYSDEC-approved Site Management Plan (SMP; C&S Engineers, Inc., August 2018) to ensure continued protectiveness of the remedy, and provides the IC/EC Certification forms as **Attachment A**.

## 1.0 EXECUTIVE SUMMARY

The Site consists of two former firing ranges located on the former Arthur Kill Correctional Facility property in Staten Island, New York that were operated by the New York State Department of Corrections and Community Supervision (NYSDOCCS). The Old Firing Range was reputedly first used in 1979 by corrections officers and other agencies for the practice of pistol and shotgun marksmanship. The Old Firing Range remained in use until approximately 2005 when the New Firing Range was constructed immediately to the west. The Old Firing Range was abandoned at that time and the New Firing Range, which accommodated rifles as well as pistols and shotguns, was used from that time until the Arthur Kill Correctional Facility was closed in 2010.

Site assessments/investigations were conducted at the Site in 2004, 2006, 2012, and 2013. Lead was identified as the contaminant of concern. To address lead in the site soils in the firing ranges, Interim Remedial Measures (IRMs) were completed in 2014 and 2015. The IRMs for the Site consisted of clearing of vegetation in the remediation areas and excavation of soil to depths of six to 12 inches in the Old Firing Range and a small portion of the New Firing Range.



The Remedial Action Objectives (RAOs) for the Site are to: prevent ingestion of groundwater with contaminant levels exceeding drinking water standards; remove the source of ground or surface water contamination; and prevent ingestion/direct contact with contaminated soil. An Environmental Easement was executed and recorded for the property to restrict land and groundwater use. Detailed descriptions of the procedures required to manage Institutional Controls (ICs) and prevent exposure to remaining contamination at the Site, including periodic inspections, periodic assessments/evaluations, and submittal of PRRs, are detailed in the NYSDEC-approved SMP.

The SMP was finalized and issued to the NYSDEC in August 2018 and Site-wide inspections have been completed in general accordance with the SMP. Results of Site-wide inspections conducted during the reporting period on January 16, 2020, November 5, 2020, September 8, 2021, September 15, 2022, and November 14, 2022 indicate compliance with the provisions of the SMP and the remedy continues to perform as intended to meet the RAOs.

No areas of non-compliance with the major elements of the SMP were identified during the reporting period. There are no recommended changes to the SMP or to the frequency for submittal of Periodic Review Reports (PRRs).

During Site-wide inspections conducted during the reporting period, soil erosion was observed in a few locations on the insides of the two berms that run along the sides of the former new firing range. Staten Island Stages, LLC is currently assessing potential causes of the erosion and corrective measures to repair the existing erosion and reduce or eliminate future soil erosion.

## 2.0 SITE OVERVIEW

The Site is situated on the former Arthur Kill Correctional Facility property located at 2911 Arthur Kill Road in Staten Island, New York. The Site is an approximately 1.84-acre area and is bounded by the Arthur Kill to the north, the remainder of the 81-acre Arthur Kill Correctional Facility to the south, wetlands to the east, and industrial parcels to the west (**see Figure 1 in Attachment B**). The properties immediately south of the facility include industrial and commercial properties with residential properties beyond the West Shore Expressway.

Site assessments/investigations were conducted at the Site in 2004, 2006, 2012, and 2013. Lead was identified as the contaminant of concern. To address lead in the site soils in the firing ranges, Interim Remedial Measures (IRMs) were completed in 2014 and 2015 in accordance with the NYSDEC-approved IRM/SC Work Plan. The IRMs for the Site consisted of clearing of vegetation in the remediation areas and excavation of soil to depths of six to 12 inches in the Old Firing Range and a small portion of the New Firing Range. No changes to the NYSDEC-approved IRM/SC Work Plan were made. Confirmatory sampling indicated that the IRMs were effective in remediating the Site's soils. Following the IRMs, a Site Characterization was completed in 2015 to determine if contamination remained at the Site following the IRM and, if present, to identify the nature and extent of that contamination. The Site Characterization consisted of the collection and analysis of surface soil samples, subsurface soil samples, and groundwater samples. The results of the Site Characterization demonstrated that the IRMs removed the vast majority of lead-impacted soils across the Site, although some slightly elevated concentrations were identified in a few locations. Additional analytes such as pesticides, semi-volatile organic compounds (SVOCs), and other metals were also detected at slightly elevated concentrations in



select soil locations. These results did not exceed the Commercial Use Soil Cleanup Objectives (SCOs). Groundwater quality was shown to exhibit no impacts from the lead contaminants.

The Remedial Action Objectives (RAOs) for the Site are to: prevent ingestion of groundwater with contaminant levels exceeding drinking water standards; remove the source of ground or surface water contamination; and prevent ingestion/direct contact with contaminated soil. An Environmental Easement was executed and recorded for the Site to restrict land and groundwater use.

### **3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS**

In accordance with the SMP, site-wide inspections were conducted at a minimum of once per year to confirm that the institutional controls continue to perform as designed and continue to be protective of human health and the environment. For the reporting period of December 31, 2019 through December 31, 2022, site-wide inspections were conducted on January 16, 2020, November 5, 2020, September 8, 2021, September 15, 2022 and November 14, 2022.

There was one severe precipitation event (i.e., greater than 3 inches in a day) and no emergencies during the reporting period. The severe precipitation event occurred during Hurricane Ida, when there was approximately 8.41" of precipitation on September 2, 2021. In accordance with Section 34.3 of the SMP, a follow-up site-wide inspection occurred as part of the annual inspection on September 8, 2021. No adverse site conditions were observed.

Based on the results of the site-wide inspections, the cover system is intact and fully vegetated, protective of human health and the environment, and is performing as intended in the IRM/SC Work Plan.

During Site-wide inspections conducted during the reporting period, soil erosion was observed in a few locations on the insides of the two berms that run along the sides of the former new firing range. Staten Island Stages, LLC is currently assessing potential causes of the erosion and corrective measures to repair the existing erosion and reduce or eliminate future soil erosion.

### **4.0 IC/EC PLAN COMPLIANCE REPORT**

#### **4.1 Engineering Controls (ECs)**

There were no engineering controls implemented as part of the NYSDEC-approved remedial program to achieve the remedial action objectives for the Site.

#### **4.2 Institutional Controls (ICs)**

ICs for the Site consist of an Environmental Easement executed on May 3, 2018 and recorded with the New York City Office of the City Registrar on July 18, 2018 to prevent future exposure to remaining contamination at the Site and limit the use and development of the Site to commercial or industrial uses only. The ICs impose the following use restrictions:

- The property may be used for: commercial and industrial use;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene 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;

- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement; and
- Vegetable gardens and farming on the site are prohibited.

Site-wide inspections are performed at a minimum of once per year to determine and document the following:

- Compliance with all ICs, including site usage;
- General site conditions at the time of the inspection;
- The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection;
- If these controls continue to be protective of human health and the environment;
- Compliance with requirements of the SMP and the Environmental Easement; and
- If site records are complete and up to date.

Site-wide inspections are also performed after all severe weather conditions or emergencies that may affect the remaining contamination at the Site. An inspection of the Site will be conducted within 5 days of the emergency event to verify the effectiveness of the ICs implemented at the Site by a qualified environmental professional, as determined by the NYSDEC. A severe weather event includes rain in excess of 3" in a calendar day. One severe weather event occurred on September 2, 2021 with a total of approximately 8.41" of rainfall. A follow-up site visit was conducted on September 8, 2021.

Observations from the Site-wide inspections are recorded on the inspection forms included in Appendix G of the SMP. The forms for the Site-wide inspections conducted during the reporting period from December 31, 2019 through December 31, 2022 are included in **Attachment C**.

No substantive changes have occurred or otherwise been made at the Site since remedial action was completed, and no changes have been made to the ICs. During the reporting period, the Site was used for commercial use only, groundwater was not used for any purpose, there was no requirement to report data and information pertinent to site management, no earth disturbance activities were conducted, notice to gain access to the Site was not provided by agents, employees or other representatives of the State of New York, and vegetable gardens and farming were not conducted at the Site. The annual Site-wide inspection conducted during the reporting period demonstrates that the ICs implemented continue to prevent exposure to remaining soil contamination, there are no substantial deficiencies in the ICs, and that corrective measures other than Site-wide annual inspections are not warranted at this time for the current Site use.



During Site-wide inspections conducted during the reporting period, soil erosion was observed in a few locations on the insides of the two berms that run along the sides of the former new firing range. Staten Island Stages, LLC is currently assessing potential causes of the erosion and corrective measures to repair the existing erosion and reduce or eliminate future soil erosion.

Completed IC/EC forms are provided in **Attachment A**.

## **5.0 MONITORING PLAN COMPLIANCE REPORT**

The SMP does not include a Monitoring Plan describing the measures for evaluating the performance and effectiveness of the remedy to mitigate contamination at the Site. Site-wide inspections are included as part of the Institutional Control Plan in the SMP and are discussed in **Section 4.2**.

## **6.0 OPERATION & MAINTENANCE (O&M) PLAN COMPLIANCE REPORT**

The SMP does not include an Operation & Maintenance (O&M) Plan.

## **7.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS**

Based on the above findings, the ICs are deemed protective of human health and the environment and are performing as designed and provisions of the SMP are being met. The Remedial Action Objectives for the Site are being met and no substantial deficiencies in the ICs or in SMP requirements for evaluating remedy performance have been identified. No corrective measures or changes to either the remedy or SMP requirements are proposed.

The following activity is proposed for the next reporting period:

- Conduct Site-wide inspection(s) per the SMP.
- Complete assessment of potential causes of the soil erosion that was observed in a few locations on the insides of the two berms that run along the sides of the former new firing range and implement corrective measures to repair the existing erosion and reduce or eliminate future soil erosion along the berms.

If you have any questions concerning this Periodic Review Report or any other aspect of the project, please contact the undersigned, Gil Ryan at 203-699-6105 or [gyran@woodardcurran.com](mailto:gyran@woodardcurran.com). Thank you for your time and assistance.

Sincerely,

WOODARD & CURRAN

A handwritten signature in blue ink that reads "Gilbert S. Ryan".

Gilbert S. Ryan, P.E.  
Sr. Project Manager

copy: G. Argento – Staten Island Stages, LLC

Attachments



## **ATTACHMENT A: IC/EC CERTIFICATION FORMS**



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.**            **243039**

**Site Name**   **Arthur Kill Correctional Facility Firing Ranges**

Site Address: 2911 Arthur Kill Road      Zip Code: 10309-1101  
City/Town: Staten Island  
County: Richmond  
Site Acreage: 1.840

Reporting Period: December 31, 2019 to December 31, 2022

YES    NO

1. Is the information above correct? ☒    ☐

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

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

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

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

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

5. Is the site currently undergoing development? ☐    ☒

**Box 2**

YES    NO

6. Is the current site use consistent with the use(s) listed below? ☒    ☐

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

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

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

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

\_\_\_\_\_  
Date

**Description of Institutional Controls**ParcelOwnerInstitutional Control

7187-1

Staten Island Stages, LLC

Ground Water Use Restriction  
Soil Management Plan  
Landuse Restriction  
Monitoring Plan  
Site Management Plan  
O&M Plan  
IC/EC Plan

The site remedy requires that an environmental easement be placed on the property to (1) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (2) limit the use and development of the site to Commercial uses only. The environmental easement for the Site was executed by the Department on 3 May 2018 and was recorded with the New York City Office of the City Register on 18 July 2018. Identifier number for this filing is 2018000247549.

Site-wide inspections will be performed at a minimum of once per year. Site-wide inspections will also be performed after all severe weather conditions that may affect the remaining contamination at the site. A comprehensive site-wide inspection will be conducted and documented according to the SMP.

**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



**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. 243039

Box 6

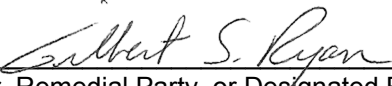
**SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE**

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 Gilbert S. Ryan, P.E. at Woodard & Curran, Inc.  
213 Court Street, 4th Floor,  
Middletown, CT 06547,  
print name print business address

am certifying as Remedial Party (Owner or Remedial Party)

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

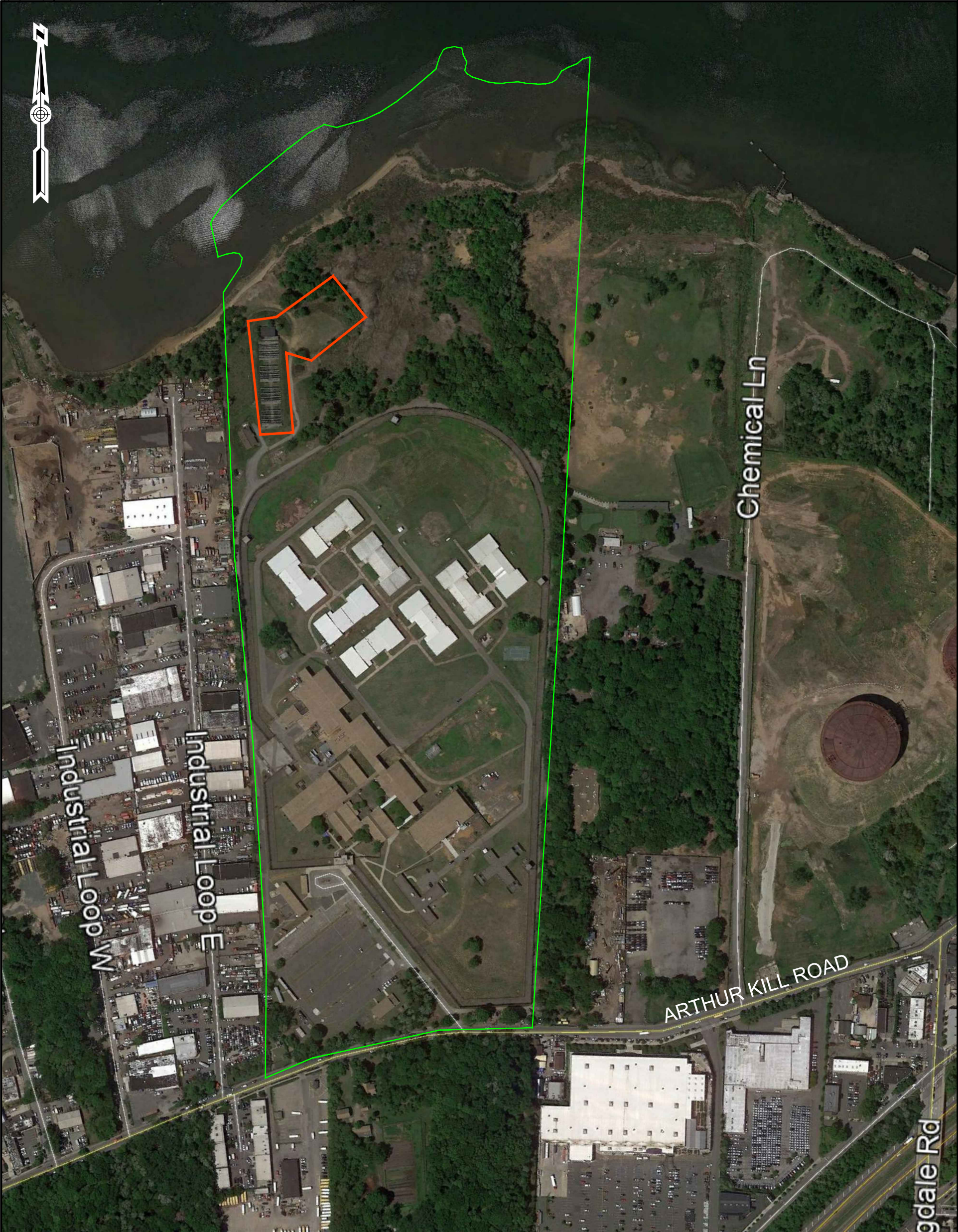
  
Signature of Owner, Remedial Party, or Designated Representative  
Rendering Certification

February 13, 2023  
Date



## **ATTACHMENT B: FIGURES**





Google Earth  
© 2019 Google


LEGEND:

- SITE BOUNDARY (INSTITUTIONAL CONTROL BOUNDARY)
- TAX MAP PARCEL— BOROUGH STATEN ISLAND; BLOCK 7187; LOT 1; NEW YORK CITY TAX PARCEL



BAR SCALE  
1" = 300'

CHECK GRAPHIC SCALE BEFORE USING

FIGURE 1	JOB NO: 231811.01 DATE: FEBRUARY 2020 SCALE: AS NOTED	ARTHUR KILL CORRECTIONAL FACILITY FIRING RANGES STATEN ISLAND, NEW YORK	SITE LAYOUT		 213 Court Street, 4th Floor Middletown, Connecticut 06457 888.265.8969   www.woodardcurran.com  COMMITMENT & INTEGRITY DRIVE RESULTS
		PERIODIC REVIEW REPORT			
		DESIGNED BY: GR DRAWN BY: PF		CHECKED BY: GR 0231811.01 U1.dwg	





## **ATTACHMENT C: INSPECTION REPORTS**

# ARTHUR KILL CORRECTIONAL FACILITY FIRING RANGES SITE MANAGEMENT PLAN

NYSDEC SITE NUMBER: 243039

## SITE-WIDE INSPECTION FORM

Date: 1/16/20

Weather: Cloudy;

Temperature: 40-45°F

Year: 2020

Inspector: Gil Ryan

Signature: Gilbert S. Ryan

Company: Woodard + Curran

Item Inspected	Maintenance Needed (Y/N)	Comments
General Site Conditions	N	Looks good; no trash/debris
Trees, bushes, other vegetation	N	
Grass cover	N	Grass, although brown, looks to have better cover than during previous inspection on 4/24/19.

**ARTHUR KILL CORRECTIONAL FACILITY FIRING RANGES  
SITE MANAGEMENT PLAN**

NYSDEC SITE NUMBER: 243039

**INSPECTION FORM**

Component	Item	Comments
Grass cover	Obvious subsidence, depressions or cracks <i>-none</i> Evidence of ponded water <i>-none</i> stressed or missing vegetation <i>-grass is brown; due to time of year</i> soil erosion due to surface runoff <i>-none</i> vegetables or farming conducted <i>-none</i> Other:	
Site Records	Review of previous inspection reports Site records are up to date. Other:	<i>Site-wide inspection forms from previous inspection on 4/24/19 were reviewed. Site records are up to date.</i>
Site Usage	Site is compliant with site usage requirements in the Deed Restriction. There are no vegetable gardens or farming on Site. Other:	<i>Only limited commercial activities are conducted at the site. Site is compliant with usage requirements in Environmental Easement.</i>

Date:

1/16/20

Inspector:

Gillian S. Ryan

# ARTHUR KILL CORRECTIONAL FACILITY FIRING RANGES SITE MANAGEMENT PLAN

NYSDEC SITE NUMBER: 243039

## SITE-WIDE INSPECTION FORM

Date: NOVEMBER 5, 2020 3:00 PM Inspector: Gil Ryan  
 Weather: Sunny Signature: Gilbert S. Ryan  
 Temperature: 70°F Company: Woodard+Curran  
 Year: 2020

Item Inspected	Maintenance Needed (Y/N)	Comments
General Site Conditions	Y	Looks good - no trash or debris in old firing range. ONE SMALL AREA <del>NEEDS TO</del> SHOULD BE RAKED/SMOOTHED OUT AND RESEEDED. SEE PHOTO AND SITE MAP.
Trees, bushes, other vegetation	N	no trees, bushes or other vegetation in old or new firing range areas, only grass.
Grass cover	Y	See General Site Conditions. Grass cover in old firing range is mostly crab grass, which is now brown/dead. Grass cover in new firing range area is good - very green, Javon on berm in new firing range that need top soil and reseeding 3 other areas on these berms that just need reseeding.



# ARTHUR KILL CORRECTIONAL FACILITY FIRING RANGES

## SITE MANAGEMENT PLAN

NYSDEC SITE NUMBER: 243039

### INSPECTION FORM

Component	Item	Comments
Grass cover	Obvious subsidence, depressions or cracks - <i>NONE</i> Evidence of ponded water - <i>NONE</i> stressed or missing vegetation - <i>crab grass is brown, due to time of year.</i> soil erosion due to surface runoff - <i>NONE</i> vegetables or farming conducted - <i>NONE</i> Other:	
Site Records	Review of previous inspection reports Site records are up to date. Other:	<i>Site-wide inspection forms from previous inspection on 1/16/20 were reviewed.</i> <i>Site records are up-to-date.</i>
Site Usage	Site is compliant with site usage requirements in the Deed Restriction. There are no vegetable gardens or farming on Site. Other:	<i>Only limited commercial activities are conducted at the site. There are no vegetable gardens or farming on site.</i> <i>Site is compliant with site usage requirements in Deed Restriction.</i>

Date:

11/5/20

Inspector:

Gilbert S. Ryan

ARTHUR KILL CORRECTIONAL FACILITY FIRING RANGES  
SITE MANAGEMENT PLAN

2911 Arthur Kill Road, Staten Island, NY

NYSDEC SITE NUMBER: 243039

SITE-WIDE INSPECTION FORM

Date 9/8/21 11:30 AM

Inspector: Gil Ryan

Weather: Mostly Cloudy

Signature: Gilbert S. Ryan

Temperature: 75°F  
-80°F

Company: Woodard + Curran

Year: 2021

Item Inspected	Maintenance Needed (Y/N)	Comments
General Site Conditions	N	<u>no trash or debris</u> Grass covering is thick in both the new and old firing range areas.
<u>none none</u> Trees, bushes, other vegetation	N	Grass newly mowed Looks good. No bare spots in old firing range area.
Grass cover	N	Grass newly mowed. Looks good

Per Newark Airport Weather Underground site, There was 8.41 inches of rain on 9/2/21. Site personnel said There was no flooding at The site from Ida. I did not see any evidence of flooding at The site.

**ARTHUR KILL CORRECTIONAL FACILITY FIRING RANGES  
SITE MANAGEMENT PLAN**

NYSDEC SITE NUMBER: 243039

**INSPECTION FORM**

Component	Item	Comments
Grass cover	Obvious subsidence, depressions or cracks - <i>NONE</i> Evidence of ponded water - <i>NONE</i> stressed or missing vegetation - <i>Grass looks good/full</i> soil erosion due to surface runoff - <i>NONE</i> vegetables or farming conducted - <i>NONE</i> Other:	
Site Records	Review of previous inspection reports Site records are up to date. Other:	<i>Site-wide inspection forms from previous inspection on 11/5/20 were reviewed. Site records are up-to-date</i>
Site Usage	Site is compliant with site usage requirements in the Deed Restriction. - <i>yes</i> There are no vegetable gardens or farming on Site. Other:	<i>Limited commercial activities are conducted at The sites. There are no vegetable gardens or farming onsite.</i>

Date:

9/8/21

Inspector:

Gilbert S. Ryan

ARTHUR KILL CORRECTIONAL FACILITY FIRING RANGES  
SITE MANAGEMENT PLAN

2911 Arthur Kill Road, Staten Island, NY

NYSDEC SITE NUMBER: 243039

SITE-WIDE INSPECTION FORM

Date: 9/15/22 11:15AM Inspector: Gil Ryan  
Weather: Sunny Signature: Gilbert S. Ryan  
Temperature: 75°F Company: Woodard + Curran  
Year: 2022

Item Inspected	Maintenance Needed (Y/N)	Comments
General Site Conditions	N	No trash or debris. Grass covering is thick in both new and old firing range areas.
<del>none</del> <del>none</del> Trees, bushes, other vegetation	N	Grass on inside of wet berm of new firing range is sparse in some areas due to grass fire earlier in the summer.
Grass cover	N	Grass on flat surfaces of old and new firing ranges looks good.



# ARTHUR KILL CORRECTIONAL FACILITY FIRING RANGES

## SITE MANAGEMENT PLAN

NYSDEC SITE NUMBER: 243039

### INSPECTION FORM

Component	Item	Comments
Grass cover	<p>Obvious subsidence, depressions or cracks</p> <p>Evidence of ponded water <i>-none</i></p> <p>stressed or missing vegetation <i>-Grass looks good/All on flat areas</i></p> <p>soil erosion due to surface runoff <i>no</i></p> <p>vegetables or farming conducted <i>-none</i></p> <p>Other:</p>	<p><i>inside of west berm is missing grass in areas due to grass fire earlier in the summer. There is soil erosion on the interior walls of each berm beneath the slanted concrete structures.</i></p>
Site Records	<p>Review of previous inspection reports <i>-yes</i></p> <p>Site records are up to date. <i>yes</i></p> <p>Other:</p>	<p><i>Site-wide inspection forms from previous inspection were reviewed.</i></p>
Site Usage	<p>Site is compliant with site usage requirements in the Deed Restriction. <i>-yes</i></p> <p>There are no vegetable gardens or farming on Site. <i>TRUE</i></p> <p>Other:</p>	<p><i>Limited commercial activities are conducted at the site. There are no vegetable gardens or farming on site.</i></p>

Date:

9/15/22

Inspector:

Gulbert S. Ryan

ARTHUR KILL CORRECTIONAL FACILITY FIRING RANGES  
SITE MANAGEMENT PLAN

2911 Arthur Kill Road, Staten Island, NY

NYSDEC SITE NUMBER: 243039

SITE-WIDE INSPECTION FORM

Date: 11/14/22

Inspector: Lauren Henill

Weather: Clear

Signature: Lauren Henill

Temperature: 50°F

Company: Woodward & Curran

Year: 2022

Item Inspected	Maintenance Needed (Y/N)	Comments
General Site Conditions	N	NO trash/debris Grass cover is thick in new & old ranges
<u>new</u> <u>new</u> <u>new</u> Trees, bushes, other vegetation	N	Grass on inside of west berm of new Firing range is sparse in some areas
Grass cover	N	Grass on Flat surfaces on new & old. Firing ranges is good

2911 Arthur Kill Road, Staten Island, NY  
ARTHUR KILL CORRECTIONAL FACILITY FIRING RANGES

SITE MANAGEMENT PLAN

NYSDEC SITE NUMBER: 243039

INSPECTION FORM

Component	Item	Comments
Grass cover	Obvious subsidence, depressions or cracks Evidence of ponded water - none stressed or missing vegetation - Grass looks good on flat areas soil erosion due to surface runoff vegetables or farming conducted - none Other:	Inside of west berm is missing grass in areas due to fire in <del>early</del> <sup>summer</sup> 2022. Soil erosion on the interior wall of each berm beneath the slanted concrete structures.
Site Records	Review of previous inspection reports <i>yes</i> Site records are up to date. <i>yes</i> Other:	Sitewide inspection forms from previous inspections were reviewed.
Site Usage	Site is compliant with site usage requirements in the Deed Restriction. <i>yes</i> There are no vegetable gardens or farming on Site. <i>yes</i> Other:	Limited commercial activities are conducted at the site. There are no vegetable grounds or farming on site.

Date:

11/14/2022

Inspector:

Lumitel



**Photographic Log – Arthur Kill Correctional Facilities Firing Ranges**  
**Reporting Period: December 31, 2019 - December 31, 2022**



Photo 1: January 16, 2020 – New Firing Range Looking South



Photo 2: January 16, 2020 – Old Firing Range Looking Southeast



**Photographic Log – Arthur Kill Correctional Facilities Firing Ranges**  
**Reporting Period: December 31, 2019 - December 31, 2022**



Photo 3: January 16, 2020 – Old Firing Range Looking Northwest



Photo 4: November 5, 2020 – Old Firing Range Looking East



**Photographic Log – Arthur Kill Correctional Facilities Firing Ranges**  
**Reporting Period: December 31, 2019 - December 31, 2022**



Photo 5: September 8, 2021 – Old Firing Range Looking Southeast



Photo 6: September 15, 2022 – New Firing Range Looking South



**Photographic Log – Arthur Kill Correctional Facilities Firing Ranges**  
**Reporting Period: December 31, 2019 - December 31, 2022**



Photo 7: September 15, 2022 – Old Firing Range Looking Southeast



Photo 8: November 14, 2022 - New Fire Range – Soil Erosion on Inside of Berm



**Photographic Log – Arthur Kill Correctional Facilities Firing Ranges**  
**Reporting Period: December 31, 2019 - December 31, 2022**



Photo 9: November 14, 2022 - New Firing Range – Soil Erosion on Inside of Berm