March 21, 2019



Vincent Sapienza, P.E. Commissioner

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Bureau of Engineering Design & Construction 96-05 Horace Harding Expressway Corona, New York 11368

Tel. (718) 595-6077 Fax (718) 595-5975 Ronnie Lee, P.E. Environmental Engineer II New York State Department of Environmental Conservation Division of Environmental Remediation Remedial Bureau B-12th Floor 625 Broadway Albany, New York 11368

Re: Site Management Periodic Review Report and IC/EC Certification Submittal for Barretto Point, C302809

Dear Mr. Lee:

As per approved April 2014 Site Management Plan, New York City Department of Environmental Protection and Parks & Recreation are hereby submitting the first Periodic Review Report (PRR) and IC/EC Certification for Barretto Point site.

Both Agencies have individually prepared their own PPR with respective inspection forms for each designated Parcel. A single comprehensive Institutional and Engineering Controls Certification form is enclosed for entire Barretto Point site. This certification is entailed with both agencies' information with DEP owner's signature.

Please contact Ms. Kin Tong, P.E. of my staff at (718) 595-7197 if you have any questions or comments.

Sincerely,

ALA

Matthew Osit, P.E.

2017-2019 Periodic Review Report Barretto Point Site Bronx County, New York NYSDEC Site Number: B00032-2

Prepared for New York City Department of Environmental Protection March 2019



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Table of Contents

List	of Fig	ures		i			
List	of Ab	breviatic	ons	ii			
1.	Introduction						
	1.1	Site History and Description					
		1.1.1	Site Description	1-1			
		1.1.2	Site History	1-1			
		1.1.3	Remedy Implementation	1-2			
		1.1.4	Remaining Contamination				
	1.2	Purpose	e of Periodic Review Report	1-3			
	1.3	Identification of Engineering and Institutional Controls					
		1.3.1	Engineering Controls	1-4			
		1.3.2	Institutional Controls	1-4			
	1.4	Certifica	ation Period	1-5			
2.	Inspection/Monitoring Activities						
	2.1	Inspect	ion of Cover				
		2.1.1	Primary Remediation Area (2.5 Acres)				
		2.1.2	Remaining Areas of Fill, Paving, Gravel of Vegetation (4.5 Acres)				
	2.2	Soil Exc	avation Plan Implementation				
	2.3	Evaluat	ion of Soil Vapor Intrusion				
	2.4	Ground	water Use				
	2.5 Vegetable Gardens and Farming						
З.	Concl	usions a	and Recommendations				
	3.1	Site Activities					
	3.2	3.2 Corrective Measures					
4.	References						
5.	Limita	ations		5-1			
App	pendix	A: Site I	nspection Forms	A			
App	pendix	B: Photo	ographic Log	В			

List of Figures

Figure 1. Site Location Map

- Figure 2. Area Subject to Site Management Plan
- Figure 3. Locations of Site Photographs

Brown AND Caldwell

List of Abbreviations

BC	Brown and Caldwell Associates
COC	Certificate of Completion
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
DEP	New York City Department of Environmental Protection
DER-10	NYSDEC Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation
DPR	New York City Department of Parks and Recreation
EC	Engineering Control
EE	Environmental Easement
IC	Institutional Control
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
PAH	polycyclic aromatic hydrocarbons
ppm	parts per million
PRR	Periodic Review Report
RA	remedial action
ROD	Record of Decision
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SVI	soil vapor intrusion
UST	underground storage tank
VOC	volatile organic compound

WWTP Hunts Point Waste Water Treatment Plant



Section 1 Introduction

This 2017-2019 Periodic Review Report (PRR) has been prepared by Brown and Caldwell, on behalf of the New York City Department of Environmental Protection (DEP), to document the site management, inspection and monitoring activities undertaken during the reporting period at the Barretto Point Site, located in the Hunts Point area of Bronx County, New York ("the Site"). These activities were performed in accordance with the Site Management Plan (SMP) approved by the New York State Department of Environmental Conservation (NYSDEC) (URS Corporation, 2013).

1.1 Site History and Description

This section provides a description of the relevant Site features, former and current Site operations, and the remedial actions (RAs) completed at the Site.

1.1.1 Site Description

The Site is located in the Hunts Point section of Bronx County, New York (Figure 1) and is identified as Block 2777, Lots 100, 105, 600 and 901, and Block 2779, Lot 1 on the Bronx Tax Map. The Site is an approximately 13-acre area bounded by Viele Avenue to the north, Manida Street to the east, and the East River to the south and west (see Figure 2). For purposes of this PRR, portions of the above-noted parcels that are under the East River are considered exempt from the reporting requirements. Based on Site boundaries denoted on Figure 12 and Figure 16 of the SMP, the portion of Block 2779 Lot 1 that is occupied by the thickeners is also considered exempt from the reporting requirements. The Site includes an approximately 2.5-acre area referred to herein as the Primary Remediation Area. This area is bounded by Ryawa Avenue to the south and the de-mapped length of Barretto Street to the west and was the focus of earlier RA (Section 1.1.3). The northwest portion of the Site (Block 2777 Lot 901) is now Barretto Point Park, operated by the New York City Department of Parks and Recreation (DPR). The area surrounding the Barretto Point Site is primarily commercial/industrial in nature, including waste transfer stations, warehouses and the Hunts Point Wastewater Treatment Plant (WWTP). The nearest residences are located approximately 1,500 feet north of the Site.

1.1.2 Site History

As described in the Record of Decision (ROD, NYSDEC, 2003), by 1950 much of the site had been developed for industrial purposes, including a sand and gravel operation in the northwestern portion of the Site (with a transformer house along Barretto Street), an asphalt plant at the southwest corner of Barretto Street and Ryawa Avenue, and coal pockets (two large rectangular structures used for the storage of coal) to the west along the East River. Industries in the northeastern portion of the Site included a paint and varnish manufacturing facility. An aerial photograph from 1962 reportedly showed that the coal pockets had been removed from the site. In addition, the aerial photograph showed that the southern and northwestern portions of the site had been expanded into the East River, apparently as



a result of filling operations. By 1978, only buildings associated with the asphalt plant were reportedly present at the site, although the asphalt plant was reported as not being operational. The northwestern portion of the site had been further expanded into the East River. The asphalt plant buildings were reportedly demolished by 1991.

1.1.3 Remedy Implementation

The 2003 ROD addressed the remediation of the approximately 2.5-acre parcel bounded by Ryawa Avenue to the south and the de-mapped length of Barretto Street to the west. The remedial action included the excavation and removal of contaminated soil (approximately 14,100 cubic yards) from the approximately 0.7-acre portion of this parcel that was contaminated by operations of the former paint and varnish facility. Approximately 7,700 gallons of waste were removed from underground storage tanks unearthed during the remedial excavation. The entire area of excavation was backfilled with clean fill imported from two sources: the Thalle Elmsford Recycling facility, and "mole rock"¹ from the Long Island Railroad's East Side Access Tunnel Project. Groundwater extracted during soil excavation as part of the dewatering process was treated on Site and discharged to New York City's sanitary sewer system. Remediation of the 2.5-acre area was completed by installation of a cover system consisting of 18 inches of clean fill overlain by 6 inches of crushed stone to prevent human exposure to remaining contaminated soil and fill. The cover material was placed over a demarcation layer.

The western part of the Site, now known as Barretto Point Park, was remediated by placement of a minimum of two feet of clean soil cover over the approximately five-acre area to limit potential exposure to residually contaminated soil. The soil cover, which was placed over a demarcation layer, consisted of 18 inches of clean general fill and 6 inches of a vegetative medium comprised of topsoil and grass over the surface of the fill. The so-called Staging Area, an approximately 1.2-acre area west of the de-mapped length of Barretto Street and north of Ryawa Avenue was also remediated by placement of a demarcation layer and soil cover consisting of 18 inches of clean general fill and 6 inches of a vegetative medium comprised of topsoil and grass over the surface of the fill. Control of the Staging Area was transferred from DEP to DPR and, in February 2018, annexed as part of Barretto Point Park, bringing the total area of the park to approximately 6.2 acres.

In November 2010, the NYSDEC issued an Explanation of Significant Difference for a change to the original remedy allowing the remaining, approximately 4.3 acres of the Site to be covered with vegetation or the existing layer of fill, asphalt, and/or gravel, instead of 2 feet of clean soil as per the ROD. These materials were determined to meet industrial use criteria, limit direct exposures to any remaining contamination in the subsurface soils, and be suitable for the future expansion of the Hunts Point WWTP. The Final Engineering Report (URS 2015) provides an as-built survey of the 2.5-acre parcel only. The cover requirements for the above areas are shown on Figure 2 of this PRR.

1.1.4 Remaining Contamination

Residually contaminated soil, groundwater and soil vapor remains beneath the site after completion of the Remedial Action. As described in the SMP, the remedial excavation of the 0.7-acre area of the former paint and varnish manufacturing plant was performed based on a grid system. Each grid was excavated to a pre-determined depth. At the bottom of each grid a demarcation barrier was placed in order to separate the placed clean fill from the underlying contaminated soil. A demarcation barrier was also placed on the sides of the excavation. Contamination outside the area of excavation is believed to consist mostly of polycyclic aromatic hydrocarbons (PAHs) and volatile organic compounds (VOCs).

¹ Mole rock is a commercial term for the byproduct of blasting or tunneling.



In 2018 a subsurface investigation was conducted in support of a new anerobic digester facility proposed for construction in the area of the former paint and varnish facility (Bidwell Environmental LLC, 2018). The primary objective of the investigation was to characterize soil and groundwater in the proposed excavation footprint of the new anaerobic digester facilities to support the evaluation of reuse/disposal options during construction. Eight soil borings and two monitoring wells were placed within the future excavation footprint and sampled for chemical analytical purposes.

The 2018 soil analytical results were compared to the 6 NYCRR Part 375-6 Soil Cleanup Objectives (SCOs) for Unrestricted Use. The results were also compared to the SCOs for Protection of Human Health - Residential Use and for Protection of Groundwater. Finally, the analytical results were also compared to the SMP's Imported Backfill Limits, which are usually but not always the lower of the SCOs for Residential Use and Protection of Groundwater². With the exception of acetone, no VOCs were detected in soil above the SCOs for Residential Use or Protection of Groundwater. The acetone results are questionable. The laboratory reported concentrations of acetone above the 0.05 mg/kg SCO for Protection of Groundwater in samples from a number of locations including the clean fill that was placed in the remedial excavation of the paint and varnish facility. This was unexpected, and the ROD did not identify acetone as a Contaminant of Concern in soil, groundwater or soil gas. The acetone results may be due to laboratory contamination or a recent, off-site source. Some metals (cadmium, chromium, copper, iron, lead, nickel, vanadium, zinc) were detected at one or more locations above the SCOs for Unrestricted Use, which can be driven by the relatively low SCO for Protection of Ecological Resources. The only metals detected above the SCOs for Residential Use were cadmium (2 samples), chromium (4 samples), iron (15 samples) and vanadium (1 sample). PAHs were detected at only one location above SCOs for Residential Use and/or Protection of Groundwater. At this same location, the three pesticides dichlorodiphenyldichloroethane (DDD), dichlorodiphenyldichloroethylene (DDE) and dichlorodiphenyltrichloroethane (DDT) were detected above their respective Unrestricted SCOs but not above the SCOs for Residential Use or Protection of Groundwater.

The 2018 groundwater analytical results were compared to DEP limits for groundwater discharges to sanitary or combined sewers, and also to NYSDEC Part 703 Class GA groundwater standards. No exceedances of DEP limits were detected. Benzene was detected at 1.1 ug/L at one well, slightly above the Part 703 standard of 1 ug/L. Chloride was detected at 1,300 mg/L, above the Part 703 standard of 250 mg/L. No other groundwater parameters exceeded the applicable limits.

1.2 Purpose of Periodic Review Report

The purpose of this PRR is to compile and present the information needed to document the basis for the certification of the Engineering Controls (ECs) and Institutional Controls (ICs). Since remaining contaminated soil, groundwater and soil vapor exists beneath the Site, ECs and ICs are required to protect human health and the environment. The SMP requires that site management activities be reported and ECs/ICs be certified in a PRR prepared in accordance with guidance contained in DER-10, Technical Guidance for Site Investigation and Remediation (NYSDEC, 2010). To the extent practical, Site monitoring data (if any) and the results of the annual site inspection were evaluated as part of this periodic review to confirm that:

- ECs/ICs are in place, are performing properly and remain effective
- operation and maintenance activities (if any) are being conducted properly
- Based on this review, the remedy continues to be protective of public health and the environment and compliant with the ROD

² The Imported Backfill Limits for Cadmium (4.3 ppm) and Chromium (180 ppm) are higher than the corresponding SCOs for Residential Use.



1.3 Identification of Engineering and Institutional Controls

ECs/ICs are detailed in the SMP and described in the following subsections.

1.3.1 Engineering Controls

The only EC applicable to the Site at this time is the maintenance of cover material to prevent exposure to remaining contamination in soil and fill. Different cover requirements are applicable to three areas of the Site, as follows:

- A minimum of 18 inches of clean soil and six inches of crushed stone in the 2.5-acre portion of the site that was the primary focus of the remediation activities (i.e., the Primary Remediation Area).
- A minimum of a two feet of clean soil cover in the approximately 6.2-acre Barretto Point Park portion of the site (reporting provided separately by DPR).
- A layer of existing fill, asphalt, gravel or vegetation in the remaining, approximately 4.3 acres of the Site.

The Excavation Work Plan in Appendix A of the SMP specifies procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining contamination is disturbed.

Although not required by the SMP, fencing restricts public access to the DEP-controlled portion of the Site. Chain-link fencing surrounds the 2.4-acre Primary Remediation Area. Additional chain-link fencing separates the Barretto Point Park from the rest of the Site. Chain-link fencing restricts access to the Site from the shoreline of the East River. Locked entrance gates are located at Viele Avenue and the demapped length of Barretto Street, and at Ryawa Avenue. Public access to the Hunts Point WWTP (and thus the southern-most portion of the Site) is controlled by the guarded entrance on Ryawa Avenue near Drake Street.

1.3.2 Institutional Controls

As described in the ROD and the SMP, a series of ICs are required by the ROD and the Environmental Easement (EE). The ICs are intended to:

- Implement, maintain and monitor the EC systems
- Prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination
- Limit the use and development of the 6.2-acre Barretto Point Park portion of the site to recreational use/public space and the remaining 6.8-acre portion of the Site, including the 2.5-acre remediation area, to industrial uses.

As stated in the SMP, the ICs consist of the following requirements:

- 1. Compliance with the EE and the SMP by the Grantor and the Grantor's successors and assigns.
- 2. All ECs must be operated and maintained as specified in the SMP.
- 3. All ECs on the Controlled Property³ must be inspected at a frequency and in a manner defined in the SMP.
- 4. 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 (see Section 1.4 below).

³ The SMP does not define the term Controlled Property, but for the purpose of this PRR it is assumed to be the approximately 13-acre Barretto Point Site described above in Section 1.1.1 as the "Site."



- 5. The Barretto Point Park portion of the Site may only be used for recreational use provided that the long-term ECs and ICs included in the SMP are employed.
- 6. The remaining Site area may only be used for industrial use provided that the long-term ECs and ICs included in the SMP are employed.
- 7. The Barretto Point Park portion of the site may not be used for a higher level of use, such as restricted residential or residential use without additional remediation and amendment of the EE, as approved by the NYSDEC.
- 8. The remaining site area may not be used for a higher level of use, such as commercial, restricted residential or residential use without additional remediation and amendment of the EE, as approved by the NYSDEC.
- 9. All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP including Appendix A Excavation Work Plan.
- 10. The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use.
- 11. The potential for vapor intrusion must be evaluated for any buildings developed on the property and any potential impacts that are identified must be monitored or mitigated.
- 12. Vegetable gardens and farming on the property are prohibited.
- 13. The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that 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 such Controlled Property 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.

1.4 Certification Period

The certification period of this intial PRR is from October 17, 2017 to February 17, 2019. The SMP specifies that the PRR will be submitted to DEC every second year, beginning eighteen months after the Certificate of Completion (COC) is issued. The COC was issued October 17, 2017 and this initial PRR is therefore due on April 17, 2019. The 2019 site inspection was conducted on March 6, 2019. Future Site inspections will be conducted annually as required by the SMP.



Section 2 Inspection/Monitoring Activities

This section describes the scope and results of the inspection and/or monitoring activities conducted at the Site during the 2017-2019 reporting period and provides an evaluation of the effectiveness of the ECs/ICs and whether they remain protective and function as intended. This section also describes any conditions or problems noted during this certification period that are or may be affecting the performance of the ECs/ICs, and measures taken to correct such conditions.

Field forms from the Site inspection are contained in Appendix A. Photographs of the conditions observed during the Site inspection are contained in the Photographic Log (in Appendix B). Figure 3 illustrates locations and orientations of the photographs contained in the Photographic Log.

2.1 Inspection of Cover

The inspection of the Site and the various covers was conducted on March 6, 2019.

2.1.1 Primary Remediation Area (2.5 Acres)

The 2.5-acre Primary Remediation Area was observed to be covered with a layer aggregate predominantly consisting of crushed stone ranging from approximately 0.5-inch to 1.5-inch in size. The surface of the cover material is generally flat but sloped toward the perimeter of the Primary Remediation Area, particularly on the west, south and east sides. In the years since the cover material was emplaced, vegetation consisting of grasses, weeds, perennial shrubs and trees have become established at sporadic locations. Larger trees, apparently pre-dating the remediation, remain at locations along the eastern edge of the Primary Remediation Area, along Manida Street.

The aggregate appears to be stable and no areas of erosion were observed. The soil fill underlying the aggregate was not exposed. No evidence of man-made disturbance or excavation of the cover material was observed.

2.1.2 Remaining Areas of Fill, Paving, Gravel of Vegetation (4.5 Acres)

The condition of the asphalt pavement, gravel and/or vegetation covering this portion of the Site was inspected and found to be in generally acceptable condition.

In most areas the asphalt pavement has deteriorated to varying degrees due to ordinary weathering processes. This was particularly evident in areas such as the southern portion of the de-mapped length of Barretto Street (Photograph #4), and the portion of Ryawa Avenue inside the entrance gate (Photograph #11). Some areas of subsidence were noted, including a two-foot diameter depression adjacent to the de-mapped length of Barretto Street (Photograph #2) and the intersection of the de-mapped length of Barretto Street and Ryawa Avenue (Photograph #12). The subsidence may be associated with subsurface utilities in these areas.

Cracks and separations observed in the pavement do not appear to be compromising the function of the pavement in preventing direct exposure to underlying soil, as no such soil was observed to be exposed. The deteriorated pavement will continue to be inspected on an annual basis and corrective action taken, as necessary to maintain the intended function.



Established vegetation consisting of grass, weeds, brush and/or trees is present in several areas including both sides of the de-mapped length of Barretto Street (Photograph #1), the west end of Ryawa Avenue (Photograph #13), the area southwest of the construction trailers (Photograph #16), the shore of the East River (Photograph #20), and the southern portion of the Site between the Hunts Point WWTP and the East River (Photograph #21). No eroded areas were observed in the vegetated areas. No excavation or man-made disturbance of the soil in the vegetated areas was observed.

2.2 Soil Excavation Plan Implementation

The SMP restricts future excavation of Site soils other than the clean backfill that was placed in the remedial excavation of the 0.7-acre area of the former paint and varnish facility. Appendix A of the SMP provides the Excavation Work Plan used to prevent or control the future excavation of soils on the Site.

No soil was excavated during the 2017-2019 review period. Soil borings advanced during the 2018 subsurface investigation of the area of the former paint and varnish facility constituted intrusive activity and where therefore conducted in accordance with the Excavation Work Plan requirements for a Health and Safety Plan and Community Air Monitoring Plan.

2.3 Evaluation of Soil Vapor Intrusion

The SMP requires evaluation of the potential for soil vapor intrusion (SVI) for any buildings developed on the property and any potential impacts that are identified must be monitored or mitigated. Four construction trailers are located on Block 2779 Lot 1, immediately west of the thickeners (Figure 2). The trailers are supported above the ground surface. The underlying space is surrounded by skirting. Vents are present in the skirting to permit exchange of air (Photograph #17). The 1999 soil vapor data in the SMP indicate the test results for all parameters were non-detect at the three sample locations nearest the trailers (SG-09, SG-19, SG-29). Given the presence of an intervening, ventilated space between the ground surface and the trailers, and the historical soil vapor data indicating little or no VOC impacts in this genera area, the SVI potential in the construction trailers is considered insignificant.

2.4 Groundwater Use

The use of groundwater underlying the property is prohibited without treatment rendering it safe for intended use. No groundwater production wells were observed during the Site inspection. Drinking water for the Barretto Point Park is provided by DEP. No excavations that required dewatering were conducted during the 2017-2019 reporting period.

2.5 Vegetable Gardens and Farming

Vegetable gardening and farming are prohibited due to the potential for fruits and vegetables to take up residual contamination. No vegetable gardens or farming were observed on the Site.



Section 3 Conclusions and Recommendations

This section presents the conclusions and recommendations of the monitoring and inspection activities conducted during the 2017-2019 reporting period for the DEP-controlled portion of the Site. These activities consisted of a Site use inspection including the cover materials, potential SVI in buildings, use of groundwater, and agriculture/farming activity.

3.1 Site Activities

Soil Cover. The 2.5-acre Primary Remediation Area remains covered with a layer of aggregate over clean fill. The aggregate appears to be stable and no areas of erosion were observed. The soil fill underlying the aggregate was not observed to be exposed. The condition of the asphalt pavement, gravel and/or vegetation covering the remainder the Site was inspected and found to be in generally acceptable condition. In most areas the asphalt pavement has deteriorated to varying degrees due to ordinary weathering processes. Subsidence, possibly related to subsurface utilities, was observed in some areas. The cracks and separations observed in the pavement do not appear to be compromising the function of the pavement in preventing direct exposure to underlying soil, as no such soil was observed to be exposed. These features will be inspected annually and corrective action taken, as necessary to maintain the intended function. No eroded areas were observed in the DEP-controlled portion of the Site.

Evaluation of Soil Vapor Intrusion. No buildings have been constructed on the DEP-controlled portion of the Site that would require an evaluation of potential SVI. The SVI potential in the aforementioned construction trailers is considered insignificant given the presence of an intervening, ventilated space between the ground surface and the trailers and historical soil vapor data indicating little or no VOC impacts in this general area.

Prohibition of Groundwater Use. No groundwater production wells were observed and no excavations that required dewatering were conducting during the 2017-2019 reporting period.

Vegetable Gardening and Farming. No vegetable gardens or farming were observed on the Site.

Fencing. Although not required by the SMP, fencing restricts public access to the DEP-controlled portion of the Site. Chain-link fencing surrounds the 2.4-acre Primary Remediation Area. Additional chain-link fencing separates Barretto Point Park from the rest of the Site and prevents access from the shoreline of the East River. Locked entrance gates are located at Viele Avenue and the de-mapped length of Barretto Street, and at Ryawa Avenue. Public access to the Hunts Point WWTP (and thus the southern-most portion of the Site) is controlled by the guarded entrance on Ryawa Avenue near Drake Street.

3.2 Corrective Measures

No corrective measures are recommended at this time. Continued, regular monitoring of cover materials, including deteriorating pavement, should be performed to ensure that underlying soils remain unavailable to direct contact.



Section 4 References

Bidwell Environmental LLC, 2018. "Subsurface Investigation Report In support of Contract HP-238", October 2018.

- NYSDEC, 2003. "Environmental Restoration Record of Decision, Barretto Point Site, New York (C) Bronx County, New York, Site Number B-00032-2", December 2003.
- NYSDEC, 2010. "DER-10/Technical Guidance for Site Investigation and Remediation", May 2010.
- URS Corporation, 2013. "Site Management Plan, Barretto Point, Bronx County, New York, NYSDEC Site Number: B00032-2", July 2013.
- URS Corporation, 2015. "Barretto Point, Bronx, New York, Final Engineering Report, NYSDEC Site Number: B00032-2", November 2015



Section 5 Limitations

This document was prepared solely for New York City Department of Environmental Protection (DEP) in accordance with professional standards at the time the services were performed and in accordance with the contract between DEP and Brown and Caldwell Associates dated December 1, 2015. This document is governed by the specific scope of work authorized by DEP; it is not intended to be relied upon by any other party except for regulatory authorities contemplated by the scope of work. We have relied on information or instructions provided by DEP and other parties and, unless otherwise expressly indicated, have made no independent investigation as to the validity, completeness, or accuracy of such information.



5-1

Figures

Figure 1. Site Location Map

- Figure 2. Area Subject to Site Management Plan
- Figure 3. Locations of Site Photographs



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FIGURE 1 SITE LOCATION MAP BARRETTO POINT SITE, BRONX COUNTY, NEW YORK

1,000 2,000 0 Feet





Appendix A: Site Inspection Forms



BACKGROUND: Periodic inspections are conducted at the Barretto Point Site in accordance with the Site Management Plan (Site Management Plan, Barretto Point, Bronx County, New York, NYSDEC Site Number: B00032-2; URS Corporation; July 2013). Periodic inspections are conducted on a yearly basis with additional ones occurring as seen necessary based on emergency events such as spills or construction projects.

INSTRUCTIONS:

- Check-in with NYCDEP facility personnel upon arrival, and check-out with NYCDEP facility personnel prior to leaving the Site.
- Complete all blanks (print legibly). Indicate N/A if not applicable.
- Note locations of pertinent observations on a Site Plan. Append the site plan to this inspection form (if needed).
- Scan the completed Inspection Form and Site Plan mark-up using a high resolution scan setting and save to project folder.
- If the answer to any question below is 'Yes', inform the project manager immediately.

A. General Information: Inspector: Frank Williams Date: 3/6 Last Inspection Date: _ Title: Sey for Geologist isocs. Affiliation (employer):_ Brown Suite 106 City: State: Marcus Street Address: 🖒 Zip Code: <u>12205</u> Telephone: <u>518-</u> P Weather Conditions: B. Activities and Uses 1. Is there any observable evidence that the usage of the Site is <u>not</u> consistent with the industrial use limitation? No If Yes, explain below. Yes ublic is restricted b 2. Is there any evidence of Site groundwater usage, such as the presence of a supply well completion, additional protective casings aside from groundwater monitoring wells, etc.? Yes _____ No ____ If Yes, explain below.

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1 of 5

3. Is there any evidence of vegetable gardening or farming?
Yes NoX If Yes, explain below.
Only vegetation on site is grass, brush
and trees. No appavent cultivation or
land scape maintedance.
4. Is there any evidence of buildings that would require evaluation for potential soil vapor intrusion?
Yes NoX If Yes, explain below.
The only buildings on site ane 4 adjoining
construction trailers. The trailers are supported
above ground and the underlying space is
enclosed by stirting with vents to
Fucilitate cur exchange.

2 of 5

C. Remedial Components and Surface Covers

The western part of the site is referred to as the Barretto Point Park area and is contaminated with SVOCs and low-level VOCs. This portion of the site was remediated by covering it with a 2-foot clean soil cover and turned into a park. The inspection and certification of the Barretto Point Park parcels is conducted by NYCDPR

The eastern part of the site is a smaller 2.5-acre area which had higher concentrations of VOCs and will eventually be used for expansion of the Hunts Point WPCP. This portion of the site was remediated by installation of a soil cover system consisting of 18" of clean fill overlain by 6" of crushed stone to prevent human exposure to remaining contaminated soil/fill remaining at the site.

The remainder of the site (approximately 4.3 acres) is to remain covered by a layer of existing fill, asphalt, gravel or vegetation.

1. Existing Fill, Asphalt, Gravel or Vegetation on 4.3 Acres.

(a) Is there evidence that asphalt pavement is deteriorating significantly?

No _____ If Yes, explain below. ave NI mbor

(b) Is there evidence of erosion of gravel or cover soil?

_ If Yes, explain below. Yes No X 0 (c) Is there any readily observable evidence of soil excavation or disturbance? Yes No If Yes, interview facility personnel and explain below. If Yes above, obtain from facility personnel documentation of proper soil characterization and disposal in

accordance with the Excavation Work Plan (Appendix A of the SMP). If documentation is not available, explain below.

3 of 5

\\BCNYCFP01\Projects\NYCDEP\HP-238 Hunts Point Anaerobic Digesters\100 Permits_Regulatory\01 State\Periodic Review\2019 Barretto Point PRR\Site Inspection\Barretto Point Inspection Form.docx

	soto document the conditions of the surface cover (3 minimum). See photo log and other photos on server
(e) Ar	e repairs recommended? Yes No If yes, describe type, location, and size of
re	The deteriorated parement and subsidence
_	do not appear to be causing underlying soi
	10 100 composition
2 6	ushed Stone over Clean Fill Cover on 2.5 Acres
2. UI	Isned Stone over Clean Fin Cover on 2.5 Acres
(a) Is	there evidence of erosion of the crushed stone or underlying fill?
Y	es No X If Yes, explain below.
_	
(b) Is	there any readily observable evidence of soil excavation or disturbance?
Y	es No K If Yes, interview facility personnel and explain below.
-	
-	
-	
- - I	f Yes above, obtain from facility personnel documentation of proper soil characterization and disposal in
- - I a	f Yes above, obtain from facility personnel documentation of proper soil characterization and disposal in ccordance with the Excavation Work Plan (Appendix A of the SMP). If documentation is not available
- - I a	f Yes above, obtain from facility personnel documentation of proper soil characterization and disposal is ccordance with the Excavation Work Plan (Appendix A of the SMP). If documentation is not available xplain below.
- - I a e	f Yes above, obtain from facility personnel documentation of proper soil characterization and disposal in ccordance with the Excavation Work Plan (Appendix A of the SMP). If documentation is not available xplain below.
- - I a e - -	f Yes above, obtain from facility personnel documentation of proper soil characterization and disposal in ccordance with the Excavation Work Plan (Appendix A of the SMP). If documentation is not available xplain below.
- - I a e - -	f Yes above, obtain from facility personnel documentation of proper soil characterization and disposal in accordance with the Excavation Work Plan (Appendix A of the SMP). If documentation is not available explain below.
- - I a e - - -	f Yes above, obtain from facility personnel documentation of proper soil characterization and disposal in accordance with the Excavation Work Plan (Appendix A of the SMP). If documentation is not available explain below.
- - I - - - - - - - - - - - - (c) Ph	f Yes above, obtain from facility personnel documentation of proper soil characterization and disposal i accordance with the Excavation Work Plan (Appendix A of the SMP). If documentation is not available explain below.

4 of 5

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INSPECTION FORM Barretto Point Site

Bronx County, NY

(d) Are repairs recommended? Yes	NoX	If yes, describe type, location, and size of
repair area.		
-		
		in the second
A		
A		
		î
0. Additional Comments		
		i.
		3
-		er vie Generaliste - Frankrike - Hereiter - H
		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
		-

5 of 5 \\BCNYCFP01\Projects\NYCDEP\HP-238 Hunts Point Anaerobic Digesters\100 Permits_Regulatory\01 State\Periodic Review\2019 Barretto Point PRR\Site Inspection\Barretto Point Inspection Form.docx

Appendix B: Photographic Log





Photograph #2 – Surface depression (apparent subsidence) adjacent to Barretto Street pavement. Depression is approximately 2 feet diameter, 10 inches deep.



Photograph #3 – Barretto Point Park beyond fence, viewed from Barretto Street facing southwest.



Photograph #4 – Deteriorated Barretto Street pavement.



Photograph #5 – Stone and ponded water at south end of Barretto Street. Ryawa Avenue extending left to right beyond fence.



Photograph #6 – Cover material (crushed stone) on west side of Primary Remediation Area, facing south. Barretto Street on right, beyond fence.



Photograph #7 – Cover material (crushed stone) on south side of Primary Remediation Area, facing east. Ryawa Avenue on right, beyond fence.



Photograph #8 – Cover material (crushed stone) on east side of Primary Remediation Area, facing north. Manida Street on right, beyond fence.



Photograph #9 - Cover material (crushed stone) on north side of Primary Remediation Area, facing west. Viele Avenue on right, beyond fence.



Photograph #10 – Primary Remediation Area viewed from north end, facing south. Barretto Street on right, beyond fence.



Photograph #11 – View of Site entrance at Ryawa Avenue, facing east. Sludge thickeners to right.



Photograph #12 – Stormwater catch basin in topographically low area near intersection of Barretto Street and Ryawa Avenue. Steel road plates may be covering area of subsidence. Barretto Street extending north beyond fence.



Photograph #13 – View (facing northwest) of vegetated area at west end of Ryawa Avenue. East River to left, beyond fence. Barretto Point Park to right, beyond fence.



Photograph #14 – View of construction trailers, facing southeast. Sludge thickeners to left, east of offices.



Photograph #16 – Vegetated area southwest of construction trailers. East River beyond fence.



Photograph #17 – Area east of construction trailers, facing north. Note vents in skirting around trailers. Thickeners beyond fence to right.



Photograph #18 – Paved area north of construction trailers. Concrete disks appear to be part of foundation for previously existing building.



Photograph #20 – Shoreline west of area of construction trailers, facing north.



Photograph #21 – Vegetated area at south end of Site. East River on right.



Photograph #22 – Vegetated area on south side of Ryawa Avenue, facing southeast. Thickeners beyond fence.

Periodic Review Report (PRR) for the period September 27, 2017 through February 17, 2019

Barretto Point Park, Bronx, New York

As per the State Assistance Contract (SAC, Site# B00032-2, dated 12/13, 2005, and amended 4/12/2011) between New York City Department of Environmental Protection (NYCDEP) and New York State Department of Environmental Conservation (NYSDEC), the Remedial parties, New York City department of Parks and Recreation (NYCDPR) and NYCDEP were required to investigate and remediate contaminated media at the site. The site was divided into two Operable Units, (1) 6.52 acres of the site (Block 2777, Lot 901) was transferred to NYCDPR with stipulation that it would be maintained as Commercial end use and (2) 6.7 acres of the site (Bock 2777, Lots 100,105 and 600 and Block 2779, Lot 1) was transferred to NYCDPP to maintain as Industrial End Use. The operable unit (two parcels) transferred to NYCDPR has been designated as " Parkland" by ULURP (Uniform Land Use Review Procedure) application. The attached figure will shows the site location and boundaries of the divisions of the entire site.

The portion transferred to NYCDPR has been remediated by NYCDPR by placing 2 feet of clean soil cover and 6 inches of vegetative medium consisting of top soil and grass. The "Certificate of Completion, SAC Nos: C3011746 & C 302809, Site Name : Barretto Point, ERP Site No. B00032, New York, Bronx County" was issued on September 27, 2017. A Memorandum of Understanding (MOU) between NYCDEP and NYCDPR was executed on November 1st, 2017 to address each agency's respective Operation and Maintenance responsibilities.

As per the (MOU), NYCDPR arranged Monthly Checklist Inspections starting January, 2018 by DPR's Borough staff. Copies of all Monthly Checklist Inspections starting January, 2018 through February, 2019, are attached herewith. On January 30th, 2019, Rupak Raha, P.E., NYCDPR in-house Engineer, inspected the two DPR parcels to check the integrity of the Cover System. No sign of compromise was noted except some minor surficial landscape maintenance. As per the Institutional Controls (I/C,s), prohibition against use of Groundwater is maintained and the site is being used as Commercial with passive Recreational purposes only. As per NYSDEC, the basketball court located at the Barretto Park will be considered as passive recreational use since it is covered with hard surface underneath, with limited potential for exposure to soil. Engineering controls (E/C's), consisting of a 2 foot clean soil cover and 6 inches of vegetative top soil with grass is well maintained. Compliance is satisfied with all Institutional Controls, Engineering Controls and Site Management Plan.



8		Barretto Poi	int Park,	Bronx,	NY	
Inspe	cted by	BI shacen Bouman/APRIM	Weathe	r/tempe	erature: Sunny - 2	Sdeam
Date:	1-3-	18 Felix Rodryme	Recent	Signific	ant Weather Events?	YIN
		3	St	atus I N	- Corrective Action Required	Correction Date
	Γ		T			
	ନ	Satisfactory vegetative cover		N		<u> </u>
		Erosion		N	63	
	TRE	Mulch coverage	<u> </u>		Add MORE multi	
	RK LA	Settlement or subsistence		N		···
EAS	PAI	Visible white demarcation fabric		N		
R AR	HOR	Recent excavation/disturbance		N		
		If yes, adequately repaired?		3		
Ŭ Ļ		Erosion		N		
8	ш	Exposed underlying soil		N		
	SHORELIN	Debris washed ashore	<u>Y</u>		PAYlunder/Bublat	
		Visible orange demarcation fabric		N		<u> </u>
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
S	1 Ls	Cracks, missing pieces		N		
ACE	ALK	Depression/settlement		N		
URF	E/ASF IDEV	Exposed underlying soil		N		
EDS	RETI RS/S	Visible white dem. fabric		N		<u></u>
PAVI	PAVE	Recent repairs		N		
	Ŭ	If yes, adequately repaired?				
N K	ΞŶŶ	Clear of obstructions	<u>У</u>			
WATE	CATC	Sediment accumulation	•	N		
0 >	- 20	Trash/debris accumulation		N		
NG	<u>ب</u> _ ۲	Clearance below unobstructed		H		
ENT	FLOR	Floor joints/penetrations sealed		N		
AS V	STA STA	New floor openings/penetrations		N		
Ů	() U	If yes, sealed air tight?	Y			

Site Inspection Log

Inspector signature: 7/ M. Kornun

Inspe	Inspected by: APAM The Provide Meethor/tomporature: A/ / / A /							
Date	· 1/20	HIR III FEIX ROdrigere	Recent Significant Weather Fuents2 V (41)					
Date	<u>. 1729</u>		INCCEIR 91	Signine				
					Corrective Action Required	Date		
	1		-			Date		
		Satisfactory vegetative cover		\mathcal{N}_{-}				
	1 L	Erosion		1	6 - CO			
	⋛Ш							
0	AWA	Mulch coverage		N_{-}				
	I X I	Settlement or subsistence		AT.				
St	ARE	Visible white demonstration fields				<u>. </u>		
Ш Ш	AT 1	Visible white demarcation labric		<u>N</u>				
A A	오	Recent excavation/disturbance		\mathcal{N}_{-}				
E E		If yes, adequately repaired?						
8				A /	· · · · · · · · · · · · · · · · · · ·			
E E		Erosion		10				
N N	ш	Exposed underlying soil		\mathcal{N}				
	SHORELIN	Debris washed ashore		\mathcal{N}				
				. /				
		Visible orange demarcation fabric		N_{-}				
		Recent excavation/disturbance		\mathcal{N}				
		If yes, adequately repaired?						
		Cracks, missing nieces		Λ/				
ŝ	ALT KS			10				
AC	MAI	Depression/settlement		N_{-}				
LR.	DE	Exposed underlying soil		N				
DS	RETE (S/S)	Visible white dem, fabric		N				
AVE	AVEF	Recent regains						
đ.	С с	If yes, adequately repaired?						
		in yes, adequately repaired?						
N N	NS/SI	Clear of obstructions	<u> </u>					
ATI	ASIN	Sediment accumulation	.	\mathcal{N}				
S S	000	Trash/debris accumulation		N	20			
Q	ď	Clearance below unobstructed		N				
NTIN	CORT LOOI	Floor joints/penetrations sealed		N.				
S VE	STAT STAT	New floor openings/penetrations		\mathcal{N}				
Ϋ́Ο	BA			*				
		If yes, sealed air tight?						

Site Inspection Log arretto Point Park, Bronx, NY

Inspector signature: John Milcohugur

BARRETTO POINT PARK/ PLAygrowd

Site Inspection Log Barretto Point Park, Bronx, NY

Inspected by: Felix Kochingan			Weather/temperature: Claudy			
Date:	2/1	118	Recent	tecent Significant Weather Events? Y/N		
			Sta V	N N	Corrective Action Required	Correction Date
<u> </u>		Satisfactory upgetative cover			-	
	PITS	Frasion		1		
	REE	Mulch coverage	\checkmark	10	TREE PITS # CARDEN BEDS	
	AST AST	Settlement or subsistence		N		
S	PAR T ARE	Visible white demarcation fabric		N		
R AR	НОК	Recent excavation/disturbance		N		
OVEF		If yes, adequately repaired?			· · · · · · · · · · · · · · · · · · ·	
L CC		Erosion		N		i
so	ÿ	Exposed underlying soil		N		
	RELIN	Debris washed ashore		1		
	OHS	Visible orange demarcation fabric		\mathcal{N}		
		Recent excavation/disturbance		$\overline{\mathcal{N}}$		······································
ļ		If yes, adequately repaired?				
6	Fo	Cracks, missing pieces	<u></u>	$^{\prime}$		
ACE	PHAL	Depression/settlement		N		
URF	EAS	Exposed underlying soil		\mathcal{N}		
EDS	CRET	V sible white dem fabric		\mathcal{N}		
PAV	PAVE	Recent repairs		\checkmark		
		If yes, adequately repaired?				
N CC	H S S	Clear of obstructions	\checkmark			
MATIO	CATC	Sediment accumulation		\mathcal{N}		
		Trash/debris accumulation		\mathcal{N}_{-}		
NG NG	to zeo	Clearance below unobstructed	Υ	<u> </u>		
/ENT	AT IO	Foor joints/penetrations sealed	Y			
AS V	COI ST, BASE	New floor openings/penetrations		\mathcal{N}		
۳.		If yes, sealed air tight?				2

Inspector signature: Fel. M Congress

BARRetto Point Park / Playground

Site Inspection Log Barretto Point Park, Bronx, NY

Inspec	ted by:	Lelix Radannes	Weathe	r/tempe	rature: Church	
Date:	3/8/	17	Recent Significant Weather Events? Y / N			
		•	Sta	atus	Corrective Action Required	Correction
			Y	N		Date
	S	Satisfactory vegetative cover	<u>У</u>			
	EPIT	Erosion		N		
	VWN/ TREE	Mulch coverage	¥	ļ	TREE 1, +5 + CLARDEN Bade	
	RK L/	Settlement or subsistence		N		
EAS	PAI 8T AR	Visible white demarcation fabric		N		
R AR	НОН	Recent excavation/disturbance		N		
		If yes, adequately repaired?				
U L		Erosion		N		
S	щ	Exposed underlying soil		N		
	SELIA	Debris washed ashore		N		
ł	SHOF	Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?		ļ		
ß	Es	Cracks, missing pieces		\mathcal{N}		
ACE	PHAL	Depression/settlement		N		
URF	EIASI	Exposed underlying soil		N		
ED S	CRET	Visible white dem. fabric		N		
PAV	PAVE	Recent repairs		$\mathcal{N}_{}$		
		If yes, adequately repaired?				
۶ H	H S S	Clear of obstructions	\downarrow	 		
WAT6	CATC	Sediment accumulation		N		
		Trash/debris accumulation		N	· ·	
DN D	۲ _ ۲	Clearance below unobstructed	<u>Y</u>			
ENTI	FOR	Floor joints/penetrations sealed	Υ_	ļ		
AS VI	STA STA	New floor openings/penetrations	·	\mathcal{N}		
ð	<u> </u>	If yes, sealed air tight?				

Inspector signature: Tel M. Conge

Barretto park undeveloped

		Site Ir	n <mark>spectio</mark> int Park.	n Log Bronx.	NY	
Inspe	ected by	: Show Bowman	Weather/temperature:			
Date	9-	10-18	Recent Significant Weather Events? Y/N			
	1		St	atus		Correction
			Y	N	Corrective Action Required	Date
	s v	Satisfactory vegetative cover	Y			
	LI I	Erosion	,	IN	6 M (6)	
	TREE	Mulch coverage			NK	
		Settlement or subsistence			NA	
EAS	L PA	Visible white demarcation fabric		N		
RAF	Ë I	Recent excavation/disturbance		N		
N N	ļ	If yes, adequately repaired?				
		Erosion		N		
S S	SHORELINE	Exposed underlying soil		Ń		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
ļ		If yes, adequately repaired?	·			
S	λs	Cracks, missing pleces			NYK	
ACE	ALK	Depression/settlement			NA	
URF	EAS SIDEV	Exposed underlying soil			NA	
	RET	Visible white dem. fabric			NA	
P A	PAVE	Recent repairs			NA	
Ĺ		If yes, adequately repaired?				
N CC	ΤŶΘ	Clear of obstructions			NA	
WATE	CATC	Sediment accumulation			NA	
ωs		Trash/debris accumulation			N/K	
ŰZ	۲	Clearance below unobstructed			NA	
ENT	FLOR FLOR	Floor joints/penetrations sealed			N/k	
ASV	COM STA MSE/	New floor openings/penetrations			N/A	
Ů	ű	if yes, sealed air tight?				
	tor sign	ature: & Alla Burna			NYPE License #	

1		Banello Fol	JITT Park, Bronx, NY				
Inspe	cted by:	JAN KOWMAN	Weather/temperature: CV2LSV				
Date: <u>4/(0/((</u>			Recent Significant Weather Events?			<u>Y/N</u>	
			St	atus	- Corrective Action Required	Correction	
			Y	N		Date	
	Ś	Satisfactory vegetative cover	<u> </u>				
	Шd	Erosion		N	20	<u> </u>	
	TREE	Mulch coverage	<u> </u>		thee pits t		
	¥ EAS/E	Settlement or subsistence		N	,		
EAS	PA	Visible white demarcation fabric		N			
RAR	В Ч Ч	Recent excavation/disturbance		N			
Sei		if yes, adequately repaired?		15			
L C		Erosion		N			
l S	ш	Exposed underlying soil		N			
	SHORELIN	Debris washed ashore		N			
		Visible orange demarcation fabric		N			
		Recent excavation/disturbance		N			
		If yes, adequately repaired?					
S	PHALT/	Cracks, missing pieces		N		<u> </u>	
ACE		Depression/settlement		N			
URF	ELAS	Exposed underlying soil		N			
EDS	CRET I RSK	Visible white dem. fabric		N			
PAV	PAVE	Recent repairs		N		· · · · · · · · · · · · · · · · · · ·	
		If yes, adequately repaired?					
N H	₽₫₿	Clear of obstructions	<u> </u>				
NATI	CATC	Sediment accumulation		N	2		
		Trash/debris accumulation		N			
US NG	t.~8	Clearance below unobstructed	Y				
ENT	AFOR FLOA	Floor joints/penetrations sealed	<u> </u>			· · · —	
ASV	ST/	New floor openings/penetrations		N			
Ű		If yes, sealed air tight?					
Inspec	tor siar	nature: Xn Ann Roun	RAM-		NYPE License #:		

Site Inspection Log arretto Point Park, Bronx, NY





GARREN TO POINT PARIE

Site Inspection Log Barretto Point Park, Bronx, NY

Inspec	ted by:	Felix Radauser	Weather/temperature: Sunny / 10°			
Date:	5/2	110	Recent	Significa	nt Weather Events?	YN
			Sta	itus	Corrective Action Required	Correction
		·····	Y	N		Date
	(0	Satisfactory vegetative cover	Y			
	: PITS	Erosion		$\mathcal{N}_{}$	N/a	
	WN/	Mulch coverage	Y		TREE 1+5 + Crander hods	
	R LA EAS	Settlement or subsistence		N		····-
EAS	PAF T AR	Visible white demarcation fabric		\mathcal{N}_{-}		
R AR	НОН	Recent excavation/disturbance		N		
OVEF	95	If yes, adequately repaired?				
U L L		Erosion		\mathcal{N}		
ß	зШ	Exposed underlying soil		N		
	SELIN	Debris washed ashore		N		
	SHOF	Visible orange demarcation fabric		$\mathcal{N}_{}$		
		Recent excavation/disturbance		$\mathcal{N}_{}$		
		If yes, adequately repaired?		=		
S	Ξs	Cracks, missing pieces		N		
ACE	PHAL	Depression/settlement		N		
URF	E/AS	Exposed underlying soil		\mathcal{N}_{-}		
EDS	CRET	Visible white dem. fabric	<u>_</u>	N		
PAV	PAVI	Recent repairs		\mathcal{N}		, <u></u>
ļ		If yes, adequately repaired?				
N K K	H S S	Clear of obstructions	Y			
MATE	CATC	Sediment accumulation		\mathcal{N}_{-}		
		Trash/debris accumulation		N		
NG NG	⊢ – K	Clearance below unobstructed	X			
ENT	FLOR	Floor joints/penetrations sealed	¥			
AS V	STA STA	New floor openings/penetrations		\mathcal{N}		
Ö		If yes, sealed air tight?	<u> </u>			

Inspector signature: File Congus

BARRE Ho Poin + Undeveloped

		Site Ir Barretto Poi	ispectio	n Log Brony I		
Inspec	ted by:	Danetto rot	Weathe	er/tempe	rature: Cum 7	-70
Date:	5/2	118	Recent	Significa	ant Weather Events?	Y/(1)
			St	atus	Corrective Action Required	Correction
			Y	N		Date
	s	Satisfactory vegetative cover	Y			
	L H	Erosion		N		
	TRE	Mulch coverage			NA	
	RK L/ EAS/	Settlement or subsistence			NIA	
EAS	PAI T AR	Visible white demarcation fabric		N	5 8	
R AR	HOH.	Recent excavation/disturbance		N		
SC EF		If yes, adequately repaired?				
L CC		Erosion		N		
S	SHORELINE	Exposed underlying soil		N		<u> </u>
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		\mathcal{N}		
		If yes, adequately repaired?				
	2 S	Cracks, missing pieces			NIA	
ACE	ALK	Depression/settlement		114	NA	
URF.	E/ASF	Exposed underlying soil			NA	
	RETI RS/S	Visible white dem. fabric			NA	
PAVI	PAVE	Recent repairs			NIA	
	<u> </u>	If yes, adequately repaired?				
Σœ	туõ	Clear of obstructions			NA	
ATE WATE	CATC	Sediment accumulation			NIA	
ω>		Trash/debris accumulation			NA	
о У	L K	Clearance below unobstructed			NA	
L L	FOR.	Floor joints/penetrations sealed			NA	
VS VI	STA STA ASEA	New floor openings/penetrations			NA	
้อ	8	If yes, sealed air tight?				

Inspector signature: Febr Codragung

NYPE License #:

BARRetto Point PARK

		Site I Barretto Po	nspection int Parl	on Log	NV	
Inspe	ected by	1. Folix Partaucura?	Weath	<u>ner/temn</u>	Prature: Alan / A	10
Date	: 6-1	-18	Recen	it Signific	ant Weather Events?	Y/M
			5	Status		Correction
			Y	N	Corrective Action Required	Date
	S	Satisfactory vegetative cover	Y		еў. • С	
	LI LI	Erosion		\mathbb{N}		
	AWN	Mulch coverage	Y		Tree Pits Hander R	de
_	PARK L/ RT AREAS	Settlement or subsistence		N		
REAS		Visible white demarcation fabric		N		
IR AF	Ρ̈́	Recent excavation/disturbance		N		·····
NOVE		If yes, adequately repaired?				
JL O	UN N	Erosion		N		
Š		Exposed underlying soil		N		
	RELI	Debris washed ashore		N		
	SHO	Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
	 	If yes, adequately repaired?		<u> </u>		
ល	ks Ks	Cracks, missing pieces		N	ļ	
⁼ ACE	SPHA WALI	Depression/settlement		\mathcal{N}		
SUR	SIDE	Exposed underlying soil		N	<i></i>	
/ED (CRET	Visible white dem. fabric		N		····-
PA	PAC	Recent repairs		N		
		If yes, adequately repaired?		ļ		
RM	NS/ NS/	Clear of obstructions	<u> </u>			
WAT	CAT BASI DRAI	Sediment accumulation		N		
		Trash/debris accumulation		N		
UNG.	r z g	Clearance below unobstructed	<u> </u>			
VEN	MFO(ATIO	Floor joints/penetrations sealed	<u> </u>			
SAS	ST ST BASE	New floor openings/penetrations		\mathcal{N}		
<u> </u>		If yes, sealed air tight?				
enec	tor eign	atura:				

BARRetto Point Undeveloped

Site Inspection Log Barretto Point Park, Bronx, NY

20

Inspe	nspected by: Felix Kadaguez		Weather/temperature: Aloudry 640 -			
Date	6/1	118	Recent	Significa	int Weather Events?	YIN)
			St	atus	Corrective Action Required	Correction
			Y	N	Conective Action Required	Date
ĺ	S	Satisfactory vegetative cover	Y_	[
1	EPIT	Erosion		N		
	AWN	Mulch coverage			NA	
	RK L	Settlement or subsistence			NA	
EAS	PA ST AF	Visible white demarcation fabric		N		
RAF	Ŭ Ŷ	Recent excavation/disturbance		N	> ×	
N N		If yes, adequately repaired?				<u> </u>
	SHORELINE	Erosion		N		
S S		Exposed underlying soll		\mathcal{N}		
		Debris washed ashore		\mathcal{N}		
		Visible orange demarcation fabric		\mathcal{N}_{-}		
		Recent excavation/disturbance		\mathcal{N}		
		If yes, adequately repaired?				
្ល	Fig	Cracks, missing pieces			NA	
ACE		Depression/settlement			NIA	
suri		Exposed underlying soil			NIA	
ÆD (ERS	Visible white dem. fabric			NIA	
PA	PACON	Recent repairs			NA	
		If yes, adequately repaired?				
N N N	NS N	Clear of obstructions			NIA	
STO! WAT	CAT(BASII DRAI	Sediment accumulation			NA	
		Trash/debris accumulation			NIA	
UNG.	t - K	Clearance below unobstructed			NIA	
/ENT	MFOF ATIOI	Floor joints/penetrations sealed			NA	
AS V	ST, ST,	New floor openings/penetrations			NIA	
<u>ں</u>		If yes, sealed air tight?				

Inspector signature: NYPE License #:

BARREHO KOINT UNDEVELOped Amen

		Site In Barretto Po	nspectic	n Log	NV	
Insp	ected by	E Felix Radamus	Weath	<u>, biolix,</u> er/tempe		<u>a</u> 20
Date	: 7/	9/18	Recent	Signific	ant Weather Events?	Y (A)
			S	tatus	Competing Antipe Dentity	Correction
		·······	Y	N	Conective Action Required	Date
	9	Satisfactory vegetative cover	Y_		e	
1	E PIT	Erosion		N		
	AWN	Mulch coverage			NA	
	VRK L REAS	Settlement or subsistence		ļ	NIA	
REAS	VER AREA	Visible white demarcation fabric	·	N		
R AI		Recent excavation/disturbance	У		Link Force	
Š		If yes, adequately repaired?				
ы ы		Erosion		N		
Ň	Ψ	Exposed underlying soil		N		
{	RELI	Debris washed ashore		N		
	SHO	Visible orange demarcation fabric		N	6 X	
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
S	E S	Cracks, missing pieces	·		NA	
ACE	SPHA WALI	Depression/settlement			NA	
SURI		Exposed underlying soil			NA	
ίΞ		Visible white dem, fabric		,	NA	
PA	PAC	Recent repairs			NA	
		If yes, adequately repaired?				
M H H	H S S	Clear of obstructions			NIA	
STOI WAT	CAT(BASII DRAI	Sediment accumulation			NA	
		Trash/debris accumulation			NA]
SNI	t - K	Clearance below unobstructed			NA	
/ENJ		Floor joints/penetrations sealed			NA	
AS \	ST ST	New floor openings/penetrations			NA]
<u>ں</u>		If yes, sealed air tight?		_		

Inspector signature: Tol. M. Rodry NYPE License #:

BARREHO POINT PARK

		Barretto Po	oint Park	Brony	NY	
Insp	ected b	1. Felix Rodnamer	Weath	er/tempe	erature: Carrow 2	20
Date	: 7/9	118 0	Recent	Signific	ant Weather Events?	YIN
1	. /		St	atus	Corrective Antine Description	Correction
			Y	N	Conscive Action Required	Date
	Ś	Satisfactory vegetative cover	Y		3.	
	PIT	Erosion				
	TREE	Mulch coverage	Y			<u></u>
	RKU	Settlement or subsistence		N		
EAS	PAH HORT AR	Visible white demarcation fabric				
R ARI		Recent excavation/disturbance		N	16 T	
OVE.		If yes, adequately repaired?				
JH C	SHORELINE	Erosion		N		
ы М		Exposed underlying soil		\mathcal{N}		
		Debris washed ashore	l	$\mathcal{N}_{}$		
		Visible orange demarcation fabric		N	8	
		Recept excavation/disturbance	V		Big a TRever	
		interent excertation additionalice			LOLUMARDIRS FOR FL	ant Roo L
	ļ	If yes, adequately repaired?			De When pipes For Fl	ent Bol
Ś	Èg	If yes, adequately repaired? Cracks, missing pieces		N	Bri When pipes For Fl	ent Roll
ACES	PHALT/ VALKS	If yes, adequately repaired? Cracks, missing pieces Depression/settlement		N	lot When pipes For Fl	ant Roc L
SURFACES	E/ASPHALT/ SIDEWALKS	If yes, adequately repaired? Cracks, missing pieces Depression/settlement Exposed underlying soil		N N N	Bok When pipes For Fl	ent Roc L
ED SURFACES	CRETE/ASPHALT/ ERS/SIDEWALKS	If yes, adequately repaired? Cracks, missing pieces Depression/settlement Exposed underlying soil Visible white dem. fabric		N N N	Let When pipes Front l	ent Roc L
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	If yes, adequately repaired? Cracks, missing pieces Depression/settlement Exposed underlying soil Visible white dem. fabric Recent repairs		N N N N	Let When pipes Front l	ent Roc L
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	If yes, adequately repaired? Cracks, missing pieces Depression/settlement Exposed underlying soit Visible white dem. fabric Recent repairs If yes, adequately repaired?		N N N N		ent Rol
RM PAVED SURFACES	CH CONCRETE/ASPHALT/ VS/ PAVERS/SIDEWALKS NS	If yes, adequately repaired? Cracks, missing pieces Depression/settlement Exposed underlying soit Visible white dem. fabric Recent repairs If yes, adequately repaired? Clear of obstructions	Y	N N N N		ent Rol
STORM WATER PAVED SURFACES	CATCH CONCRETE/ASPHALT/ BASINS/ PAVERS/SIDEWALKS DRAINS PAVERS/SIDEWALKS	If yes, adequately repaired? Cracks, missing pieces Depression/settlement Exposed underlying soit Visible white dem. fabric Recent repairs If yes, adequately repaired? Clear of obstructions Sediment accumulation	Y	N N N N N		ant Rol
STORM WATER PAVED SURFACES	CATCH CONCRETE/ASPHALT/ BASINS/ PAVERS/SIDEWALKS DRAINS	If yes, adequately repaired? Cracks, missing pieces Depression/settlement Exposed underlying soit Visible white dem. fabric Recent repairs If yes, adequately repaired? Clear of obstructions Sediment accumulation Trash/debris accumulation	Y	ス 入 入 入 入 入		ant Ro L
ING STORM PAVED SURFACES	T CATCH CONCRETE/ASPHALT/ W BASINS/ CONCRETE/ASPHALT/ DR DRAINS PAVERS/SIDEWALKS	If yes, adequately repaired? Cracks, missing pieces Depression/settlement Exposed underlying soil Visible white dem. fabric Recent repairs If yes, adequately repaired? Clear of obstructions Sediment accumulation Trash/debris accumulation Clearance below unobstructed	Y Y	N N N N N N		ant Rol
FENTING STORM PAVED SURFACES	AFORT CATCH CONCRETE/ASPHALT/ ATION BASINS/ CONCRETE/ASPHALT/ /FLOOR DRAINS PAVERS/SIDEWALKS	If yes, adequately repaired? Cracks, missing pieces Depression/settlement Exposed underlying soil Visible white dem. fabric Recent repairs If yes, adequately repaired? Clear of obstructions Sediment accumulation Trash/debris accumulation Clearance below unobstructed Floor joints/penetrations sealed	Y Y Y Y	 入 八 二 二<td></td><td>ent Rol</td>		ent Rol
AS VENTING STORM PAVED SURFACES	COMFORT CATCH CATCH CONCRETE/ASPHALT/ STATION BASINS/ CONCRETE/ASPHALT/ 3ASE/FLOOR BASINS/ PAVERS/SIDEWALKS	If yes, adequately repaired? Cracks, missing pieces Depression/settlement Exposed underlying soit Visible white dem. fabric Recent repairs If yes, adequately repaired? Clear of obstructions Sediment accumulation Trash/debris accumulation Clearance below unobstructed Floor joints/penetrations sealed New floor openings/penetrations	Y Y Y Y	 N 		ant Ro L

Site Inspection Log

Inspector signature: John M. Kadugung NYPE License #:

developed Aren

		Site In	spection	n Log			
00000	sted by:	Barretto Pol	nt Park, Weathe	Bronx, I	rature: A. L. A	al Raine	
nspec Date:		telix Michaelinger	Recent	Significa	ant Weather Events?	YIN	
Jaio.			St	atus	Corrective Action Dequired	Correction	
			Y	N		Date	
-	G	Satisfactory vegetative cover	Y_		%. · · ·		
	E PITS	Erosion					
	TRE	Mulch coverage	¥	ļ			
SOIL COVER AREAS HORELINE HORT AREAS/	RK LA KEAS	Settlement or subsistence		N			
	PA T AF	Visible white demarcation fabric		N			
	HOR.	Recent excavation/disturbance		N	8		
		If yes, adequately repaired?			X		
		Erosion		N			
	SHORELINE	Exposed underlying soil		\square			
		Debris washed ashore		N			
		Visible orange demarcation fabric		N	35		
		Recent excavation/disturbance			Dogge c a Tache	c For Float	. Poo
		If yes, adequately repaired?			Backfill with s	AME SAND	•
		Cracks, missing pieces	·	N			
ACES	PHALT	Depression/settlement		N			
JRF,	ASF DEV	Exposed underlying soil		N	12 C		
ED SL	RETE	Visible white dem, fabric		N			
PAVE	PAVE	Recent repairs					
		If yes, adequately repaired?					
z ۲	ΗŅΥ	Clear of obstructions	Y				
NATE	CATC	Sediment accumulation		N			
		Trash/debris accumulation		\mathcal{N}			
У И	۲- «	Clearance below unobstructed	Y_	ļ			
ENT	AFOR VTION	Floor joints/penetrations sealed	Υ	<u> </u>		I	
AS V	STP STP	New floor openings/penetrations					
<u>ن</u>		If yes, sealed air tight?	, 	<u> </u>			
		antino: It Mt.	1		NYPE License #		

Inspector signature: Jely M. langer NYPE License #:

		Site Ir	nspectio	n Log			
	-4 - 11	Barretto Po	int Park	Bronx,	NY	<u> </u>	
Inspe	cted by	telix Kodriguer	Weathe	er/tempe	rature: Cloud y//	whit Row	v
Date	-6//	118	Recent	Significa	ant Weather Events?		
					Corrective Action Required	Correction	
	Τ	T		+ <u>-</u>	5.67	<u> </u>	
]	y N	Satisfactory vegetative cover	-Υ	<u> </u>			
	PIT	Erosion		\mathcal{N}			
	N N N	Mulch coverage	Y		LAID A thin Lay	TAL OF CH	s EnafAhias
	K LA	Settlement or subsistence		1			
SS	PAR HORT ARE	Visible white demarcation fabric					
ARE		Recent excavation/disturbance	V		INStall Chan	Link Ferr	e-
VER		If yes, adequately repaired?	¥				
S S	SHORELINE	Erosion		~			
SOI		Exposed underlying soil		N			
		Debris washed ashore		N			
		Visible orange demarcation fabric	8	N			
		Recent excavation/disturbance		N			
		If yes, adequately repaired?		95			
	Èø	Cracks, missing pieces			NA		
ACES	ALK	Depression/settlement			NA		
URF,	ELASE	Exposed underlying soil			NIA		
ED S	RET S/S	Visible white dem. fabric	85		NA		
PAV	PAVE	Recent repairs			NA		
		If yes, adequately repaired?	×				
M R	Η S S	Clear of obstructions		-	NA		
STOF VATE	CATC	Sediment accumulation			N/A ·	······	
<		Trash/debris accumulation			NA		
U N	۲ – ۲	Clearance below unobstructed			NA		
ENT	IFOR TION	Floor joints/penetrations sealed		····	NA		
AS V	CON ST/ BASE	New floor openings/penetrations			NA		
Ú	<u> </u>	If yes, sealed air tight?					

Inspector signature: Lola Codaying NYPE License #:

BARNetto POINt PARK

		Site Ir	Ispection	n Log			
Inspe	cted by	Barretto Po	Int Park, Meathe	Bronx, I	NY	17 -	ר
Date	9/	Tellx Koorigber	Recent	Significa	at Weather Events	YIN	4
		<u> </u>	St	atus		Correction	-
			Y N		Corrective Action Required	Date	
	S	Satisfactory vegetative cover	Y_		A		
ĺ	LI LI	Erosion		N			
	TREE	Mulch coverage	V_				
	EAS/ I	Settlement or subsistence		N			
EAS	PAI	Visible white demarcation fabric		N			
R AR	Н Н	Recent excavation/disturbance		\mathcal{N}			
OVEI		If yes, adequately repaired?					
		Erosion		N			
SC	SHORELINE	Exposed underlying soil		N		·	
		Debris washed ashore		\mathcal{N}			
		Visible orange demarcation fabric		N			
		Recent excavation/disturbance	<u> </u>		Kon pipes Fon Flor	- Roch Used	Existingsmid
	ļ	If yes, adequately repaired?			· ·		2 Fldecp
s	Fs	Cracks, missing pieces		\mathcal{N}			
ACE	PHAL	Depression/settlement		\mathcal{N}_{-}			
URF	EIAS	Exposed underlying soil		\mathcal{N}_{-}			
ED S	CRET	Visible white dem. fabric		N			
PAV	PAVE	Recent repairs		\mathcal{N}			
		If yes, adequately repaired?					
N R	H S S	Clear of obstructions	Y_				
STOF NATE	CATC	Sediment accumulation		_N)	Ŷ		
<i>"></i>		Trash/debris accumulation		\mathcal{N}			
U V	۲_Ж	Clearance below unobstructed	Y				
ENT	FOR.	Floor joints/penetrations sealed	Ý.				
AS V	CON STA MASE	New floor openings/penetrations		\mathcal{N}			
Ú		if yes, sealed air tight?					

Inspector signature: Fly M. Cooling

BARRetto Point Park undeveloped Aren

Site Inspection Log

Incor	noted by	Barretto Po	o Point Park, Bronx, NY				
Date		telix Kadriquel	Peceet	er/tempe	rature: (/oudy/	75	
Date		1/18	Recent		ant Weather Events?	YIN	
					- Corrective Action Required	Correction Date	
		Satisfactory vegetative cover	X		2 ·		
	PITS	Erosion		N			
		Mulch coverage	Y		Where Pience TA ARE Place	Bles	
	RKU	Settlement or subsistence			NA		
REAS	PA RT AF	Visible white demarcation fabric		N			
RAF	P P	Recent excavation/disturbance	V		Live Free		
۳ ۱		If yes, adequately repaired?					
		Erosion		N			
sc	SHORELINE	Exposed underlying soil		N			
		Debris washed ashore		\mathcal{N}			
		Visible orange demarcation fabric		N	12 · · · · ·	. <u> </u>	
		Recent excavation/disturbance		N			
		If yes, adequately repaired?					
S	Fs	Cracks, missing pieces			NA		
ACE		Depression/settlement			NA		
suri		Exposed underlying soil			NA		
/ED	CRE ERS/	Visible white dem. fabric			NA	·	
PA	PAV	Recent repairs			NIA		
		If yes, adequately repaired?					
RM TER	CH INS/	Clear of obstructions			NA		
STO WA1	CAT BAS DRA	Sediment accumulation			N/A .		
		Trash/debris accumulation			NA		
ING	RT NOR NOR	Clearance below unobstructed			NA		
VEN'		Floor joints/penetrations sealed			NA		
SAS	CO ST BASI	New floor openings/penetrations	c = 5		NA		
<u> </u>		If yes, sealed air tight?	4				
nspec	tor sign	ature: the Kontan	_	Τ	NYPE License #:		
		Co for					

BARRetto POINt PARK

		Site In	spection	Log Bronv N	IV	
Inence	tod by:	Barretto Pol	Weathe	/temper	ature: 6.2° /0/2	
Inspec Date		telix Kadnguez	Recent	Significa	nt Weather Events?	Y/Q
Date.	143	//8	Sta	tus	Connetiue Action Required	Correction
			Y	N	Corrective Action Required	Date
		Satisfactory vegetative cover	Y			
	PITS	Erosian		N		· · · · · · · ·
	IREE	Mulch coverage	¥		Theo or to & Canada	hh.
	EAS ^C	Settlement or subsistence		N		
EAS	T AR	Visible white demarcation fabric		N		
R AR	ЮН	Recent excavation/disturbance		N		
	т	If yes, adequately repaired?				
UC L		Erosion		N		
S	SHORELINE	Exposed underlying soil		\mathcal{N}		
		Debris washed ashore	 	N_{-}		
		Visible orange demarcation fabric		N	. 20	
		Recent excavation/disturbance		N		
ļ		If yes, adequately repaired?	·			
S	1 s	Cracks, missing pieces		N		
ACE	ALK	Depression/settlement	<u> </u>	\mathcal{N}_{-}		· · · · · · · · · · · · · · · · · · ·
URF	EASI	Exposed underlying soil	ļ	\mathcal{N}		
EOS	RET RS/S	Visible white dem. fabric	ļ	$\mathcal{N}_{,}$		
PAVI	PAVE	Recent repairs	ļ	N		
	Ľ	If yes, adequately repaired	<u> </u>	<u> </u>		
Σœ	F 25 S	Clear of obstructions	ĻΥ			ļ
NATE VATE	CATC	Sediment accumulation	<u> </u>	N,	•	
		Trash/debris accumulation	ļ		·	<u> </u>
UN N	⊢ _ ਲ	Clearance below unobstructed	<u> Y_</u>			<u> </u>
ENT	FOR FLON	Floor joints/penetrations sealed	<u> γ</u> _	<u> </u>		
AS V	CON STA	New floor openings/penetrations		$\downarrow N$		
Ŭ		If yes, sealed air tight	7			<u> </u>

Inspector signature: For M. Kookupp

BARRetto Kint Undeschoped Area

		Site In	nspectio	n Log		
		Barretto Po	int Park	<u>Bronx,</u>	NY	
Inspe	ected by	Have Kaderguer	Weath	er/tempe	rature: 62º/Cla	de -
Date	0	13/18	Recent	Signific	ant Weather Events?	YIN
			<u>Si</u>	latus	- Corrective Action Required	Correction
	<u> </u>	· · · · · · · · · · · · · · · · · · ·	Y	N		Date
	6	Satisfactory vegetative cover	<u>Y</u>): I	
	μü	Erosion	ľ	\mathcal{N}		
	WN/ TREE	Mulch coverage	Y		Where ACNIE TARK	4
	EAS	Settlement or subsistence		$\left \mathcal{N} \right $		
EAS	PAR T ARI	Visible white demarcation fabric	У		Inchall Chain LEN Ecares	
R AR	Р Ц Ц	Recent excavation/disturbance	·	ļ	0	
N N		If yes, adequately repaired?				
L L L		Erosion		\mathcal{N}		
S	ļ Ļ	Exposed underlying soil		N		
	SHORELIN	Debris washed ashore		N		
		Visible orange demarcation fabric		N	e.	
		Recent excavation/disturbance		N		
		If yes, adequately repaired?			35	
S	Es	Cracks, missing pieces	<u> </u>		NA	
ACE	PHAL	Depression/settlement			NA	
URF	EAS	Exposed underlying soil	_		NA	
ED	CRET	Visible white dem. fabric			NA	
PAV	PAVIC	Recent repairs			NA	
	 	If yes, adequately repaired?				
ΜW	H S S	Clear of obstructions			NA	
NATIO	CATC	Sediment accumulation			NIA .	
حبر م ^ن		Trash/debris accumulation			NIA	
ING	t zo	Clearance below unobstructed			NA	
'ENT	AFOR FLO	Floor joints/penetrations sealed			NA	
AS V	COA ST/ BASE	New floor openings/penetrations	_		NA	
0		If yes, sealed air tight?				19

Inspector signature: The Cody up

BARRetto Point PARK UNdeveloped Area

		Site Ir	spection	n Log		
	A	Barretto Po	Int Park,	Bronx, r	nt rature: C	-70
Inspec	ted by:	Telix Kodaquer	Recent	Significa	Int Weather Events?	R/N
Dale.		1-18	St	atus		Correction
Non	1/ 1	Faster	Y	N	Corrective Action Required	Date
		Satisfactory vegetative cover	Х			
	PITS	Erosion	ļ	N		
	TREE	Mulch coverage	<u> </u>	190	Tobles ARCPLAST	
	RAS/	Settlement or subsistence	·	NEUT	NA	
EAS	PAI RT AR	Visible white demarcation fabric	ļ	\mathcal{N}	The fall Chart	
R AR	HOF	Recent excavation/disturbance	<u> </u>		Link ferer	
OVE		If yes, adequately repaired?	<u>,</u>			
S L C		Erosion		<u> </u>		
so	щ	Exposed underlying soil	 	N		
	SHORELIN	Debris washed ashore		N		
		Visible orange demarcation fabric	_	N		
l .		Recent excavation/disturbance	_	N		
		If yes, adequately repaired	? 		1	
S	Ès	Cracks, missing pieces		<u> </u>	NA	
ACE	PHAL	Depression/settlement			NA	
URF	EAS	Exposed underlying soil			NIA	
EDS	CRET	Visible white dem. fabric	┨────		NIA	
PA	PAVI	Recent repairs			NA	
		If yes, adequately repaired	?			
× Å	H S S	Clear of obstructions			NIA	
NATE	CATC	Sediment accumulation			N/A ·	
		Trash/debris accumulation			NIA	
US NG	H TO NO	Clearance below unobstructed			NIA	
ENT	FIC AFOR	Floor joints/penetrations sealed			NA	
AS V	CON STA	New floor openings/penetrations			NIA	
0		if yes, sealed air tight	?			

inspector signature:

BARRetto Point Park

Barretto Point Park, Bronx, NY									
Inspe	cted by:	Felix Redayner	Weather/temperature: SINOV 58						
Date:	Date: 11-1-18			Recent Significant Weather Events? (Y)/ N					
1111 E. 1				Corrective Action Required	Correction Date				
110	ata_	Satisfactory vegetative cover			· ·				
	IS		<u> </u>			·-·			
		Erosion	1. 2	\mathcal{N}		·			
	AWA	Mulch coverage	<u> </u>						
	RKL	Settlement or subsistence		N					
EAS	PA	Visible white demarcation fabric							
R ARI	НОК	Recent excavation/disturbance		\mathcal{N}					
l ä		If yes, adequately repaired?							
СС Е		Erosion		\mathcal{N}_{-}					
ß	SHORELINE	Exposed underlying soil		\mathcal{N}					
		Debris washed ashore		\mathcal{N}_{-}					
		Visible orange demarcation fabric		N					
		Recent excavation/disturbance		N					
	4	If yes, adequately repaired?							
6	Fo	Cracks, missing pieces		N					
ACE	PHAL	Depression/settlement		N					
URF	RETE/ASI RS/SIDEV	Exposed underlying soil		N					
a a		Visible white dem. fabric		N		2 			
PAVE	PAVE	Recent repairs		N					
	0 -	If yes, adequately repaired?							
ΣĽ	н уз s	Clear of obstructions	У						
TOR	SATC: ASIN: RAIN	Sediment accumulation		\mathcal{N}					
S S	- <u>6</u> 0	Trash/debris accumulation		\mathcal{N}					
ŊŊ	۲ _ K	Clearance below unobstructed	У						
ILN	LOR LOR	Floor joints/penetrations sealed	ý		12				
IS VE	STA1 STA1 ASE/F	New floor openings/penetrations		\mathcal{N}					
້ອ	۵ م	If yes, sealed air tight?							

Site Inspection Log

Inspector signature:

BARRetto YOINT TARK

nspec	ted by:	Falix Kadrimuer	Weathe	er/tempel	ature: <u>S2°/Su</u>	UNY		
Date: 12/3/18			Recent Significant Weather Events? Y/N					
			St	atus	Corrective Action Required	Correctio		
			Y	N	Concourse Action Medial	Date		
		Satisfactory vegetative cover	\checkmark					
	PITS	Erosion		N				
	MN	Mulch coverage	\checkmark					
	K LA EAS/1	Settlement or subsistence		N				
EAS	PAF T AR	Visible white demarcation fabric		\mathcal{N}				
R AR	HOR	Recent excavation/disturbance		\mathcal{N}				
OVEI		if yes, adequately repaired?		ļ				
NL C	SHORELINE	Erosion		\mathcal{N}				
SC		Exposed underlying soil		N				
		Debris washed ashore		N				
		Visible orange demarcation fabric		N				
		Recent excavation/disturbance		N				
		If yes, adequately repaired?						
ល	S E	Cracks, missing pieces		N.		··		
FACE	SPHA	Depression/settlement		N				
SUR	SIDE	Exposed underlying soil		N				
VED	ACRE ACRE	Visible white dem. fabric		N				
PA	₽ CO	Recent repairs		10				
		If yes, adequately repaired?	V					
TER	INS/	Clear of obstructions	<u> </u>	11				
STC W	PR SS	Segment accumulation		N				
(1)			V	/~				
NIL	No Ser	Floor jointe/ospetrations easied	Í					
s ver	OMF(STAT) SE/FL	New floor openings/penetrations	1	N				
GAS	۵ ۵ C	if use sooled air tight?		1				

Site Inspection Log Barretto Point Park, Bronx, NY

Inspector signature: The M. Rodryng

		Barretto P	oint Par	k, Bronx.	NY	
Insp	pected i	Y: Felix Raderane?	Weath	ner/tempe	prature: < 2 / cive	
Date: 12/3/18 F		Recen	Recent Significant Weather Events			
				Status	Competition Automation	Correction
 			Y	N	Corrective Action Required	Date
	2	Satisfactory vegetative cover	Y.			
	ā	Erosion		N	M	
	AWN	Mulch coverage	V		Where House	
6	RKL	Settlement or subsistence			AI/A	
REA	PA PA	Visible white demarcation fabric		N		
ER AI	₽	Recent excavation/disturbance	V		INSTAll Charu LINK FENCE	
Š		If yes, adequately repaired	2			
SH C		Erosion				
S	ų m	Exposed underlying soil		N		
	REIN	Debris washed ashore		N		
a.,	NHO NHO	Visible orange demarcation fabric		Ň		
		Recent excavation/disturbance		N		
	<u> </u>	If yes, adequately repaired?				
ŝ	KS KS	Cracks, missing pieces			NA	
FACI	MALI WALL	Depression/settlement	5		NA	
SUR	SIDE	Exposed underlying soil			NA	
Ē	CRE	Visible white dem. fabric			NA	
PA	PAC	Recent repairs			NA	
	 	If yes, adequately repaired?			9	
	NS/ SH	Clear of obstructions			NA	
MAI	CAT BASI DRA	Sediment accumulation			NIA.	
		Trash/debris accumulation	3		NA	
DNI	tr z B	Clearance below unobstructed			NA	
VEN	MFO	Floor joints/penetrations sealed			NA	
SAS	CO ST.	New floor openings/penetrations			NA	
<u> </u>		If yes, sealed air tight?				

Site Increation Law

Inspector signature: Felix M Radrigues

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Inspec	ted by:	Barrello Pol	Weather/temperature: //auc/1/350					
Date:	"//_	TEIIX KACANGUES	Recent Significant Weather Events? Y / N					
	-1109		Sta	itus	Corrective Action Required	Correction		
			Y	N		Date		
		Satisfactory vegetative cover	У					
	PITS	Erosion	·	N		· · · · · · · · · · · · · · · · · · ·		
	WN/ IREE	Mulch coverage	У		17			
	RK LA EAS	Settlement or subsistence		\mathcal{N}_{-}				
EAS	PAF T AR	Visible white demarcation fabric		N		······································		
R AR	НОК	Recent excavation/disturbance		\mathcal{N}				
OVEF		If yes, adequately repaired?						
		Erosion		N				
so	KELINE	Exposed underlying soil		N				
		Debris washed ashore	<u> </u>	N		1.		
	SHOF	Visible orange demarcation fabric		N				
		Recent excavation/disturbance		$ \mathcal{N} $				
		If yes, adequately repaired?	·	L				
	En	Cracks, missing pieces		N				
ACES	ALK ALK	Depression/settlement		\mathcal{N}_{-}				
URF/	E/ASF	Exposed underlying soil		N		 		
	RET	Visible white dem. fabric	ļ	N		<u> </u>		
PAVI	PAVE	Recent repairs	ļ	\mathcal{N}				
		If yes, adequately repaired?	<u>}</u>			<u> </u>		
N C	ΞĞŞ	Clear of obstructions	<u> </u>	<u> </u>				
VATE	CATO	Sediment accumulation	<u> </u>	N_	<u> </u>	<u> </u>		
_ ∽ >		Trash/debris accumulation		N				
NG	۲ K	Clearance below unobstructed	ĻΥ					
ENTI	IFOR FLOA	Floor joints/penetrations sealed	<u> </u>			+		
AS V	STA STA	New floor openings/penetrations	<u> </u>	$ \mathcal{N} $				
Ū		If yes, sealed air tight	?		2			

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Site Inspection Log Barretto Point Park, Bronx, NY

Inspector signature:

Inspected by: Jehr Kudriques			Weather/temperature: Charles 135°					
Date	Date: //2//9		Recent Significant Weather Events?			Y/(N)		
				atus N	Corrective Action Required	Correction		
		Satisfactory vegetative cover	y.					
	PITS	Erosion		1	<u>+</u>	2		
	WN/ TREE	Mulch coverage	У	-10	Whene PRINIC			
	RK LA	Settlement or subsistence			NA			
EAS	PAI RT AR	Visible white demarcation fabric		N				
RAR	Р Ч	Recent excavation/disturbance	Y	L	INSTAL/ChAIN LINK FEACT			
OVE		If yes, adequately repaired?	15.			-		
SH C		Erosion	1992	N				
N N	SHORELINE	Exposed underlying soil		N				
		Debris washed ashore		N				
		Visible orange demarcation fabric		N				
		Recent excavation/disturbance		\mathcal{N}_{-}		1		
		If yes, adequately repaired?						
S	L S	Cracks, missing pieces			NA			
ACE	NAL!	Depression/settlement	··		NA			
SURI		Exposed underlying soil			NA			
/ED (CRE ERS/	Visible white dem. fabric			NA			
PA	PAC	Recent repairs			NA			
		If yes, adequately repaired?						
RM	NS/ NS/	Clear of obstructions			NA			
STO WAT	CAT BASI DRA	Sediment accumulation			NA			
		Trash/debris accumulation			NA			
UNG	R N N	Clearance below unobstructed			NA			
VEN	MFOI	Floor joints/penetrations sealed			NIA	10		
SAS	CO ST BASI	New floor openings/penetrations			NA			
<u> </u>		If yes, sealed air tight?						

Site Inspection Log Barretto Point Park, Bronx, NY

Inspector signature:

DARRETIU POINI IMALIC UNDEUCLOPED FAREA

		Site Ir	Ispectio	n Log				
Inene	atod by	Barretto Po	Int Park,	Bronx, I	NY 2 COT	100		
Date		<u>felix Kodrigues</u>	Pocont Significant Monther Franks Claud 170					
Date.		St	atus					
			Y	N	- Corrective Action Required	Date		
-		Satisfactory vegetative cover	Y					
	PIT:	Erosion		.N				
	TREE	Mulch coverage	У		Where MeNIC Tables Ane Place			
	RK LA	Settlement or subsistence			NIA			
EAS	T AF	Visible white demarcation fabric		\mathcal{N}				
R AR	ROH	Recent excavation/disturbance	\checkmark		Link Fener			
N N	L	If yes, adequately repaired?						
	SHORELINE	Erosion		\mathcal{N}				
S		Exposed underlying soil		N				
		Debris washed ashore		\mathcal{N}				
		Visible orange demarcation fabric		\mathcal{N}	2			
		Recent excavation/disturbance		\mathcal{N}				
		If yes, adequately repaired?						
ഗ	Es	Cracks, missing pieces			NA			
ACE	PHAL	Depression/settlement			NA			
URF		Exposed underlying soil			NA			
EDS	CRET	Visible white dem. fabric			NA			
PAV	PAVI	Recent repairs	<u></u> .		NA			
		If yes, adequately repaired?						
N H	т ў S	Clear of obstructions			NA			
STOF NATE	CATC	Sediment accumulation			NIA .			
		Trash/debris accumulation			NA			
ING	L Z N	Clearance below unobstructed			NA			
'ENT	AFOR ATION	Floor joints/penetrations sealed			NIA			
AS V	COA ST/ 3ASE	New floor openings/penetrations			NIA			
U		If yes, sealed air tight?						

Inspector signature:

NYPE License #:

12

Inspected by: Folix Codrigues				er/tempe	rature Control	1000		
Date: 2/// 4			Recent Significant Weather Events? Y/N'					
		St	atus		Correction			
ļ			Y	N	Corrective Action Required	Date		
	S	Satisfactory vegetative cover	У		đ	8		
	Lid Lid	Erosion		N				
	AWN	Mulch coverage	У					
	RK L	Settlement or subsistence		N				
REAS	PA RT AF	Visible white demarcation fabric		N				
R AF	Ŷ	Recent excavation/disturbance		N				
SOVE		If yes, adequately repaired?	<u> </u>					
		Erosion		N				
SC	SHORELINE	Exposed underlying soil		N				
		Debris washed ashore		N				
		Visible orange demarcation fabric		N	ी ^ह			
		Recent excavation/disturbance		N				
	ļ	If yes, adequately repaired?						
ŝ	E S	Cracks, missing pieces		N				
ACE		Depression/settlement		\checkmark				
surf	TE/AS SIDE	Exposed underlying soil		\mathcal{N}_{-}				
Ű		Visible white dem. fabric		\mathcal{N}_{-}				
PAV	PAKI	Recent repairs		\mathcal{N}				
		If yes, adequately repaired?						
M M M M	NS/SN	Clear of obstructions	Y					
STOF WATI	CAT(BASIN DRAII	Sediment accumulation		\mathcal{N}_{-}				
		Trash/debris accumulation		\mathcal{N}				
UNG.	ц – К	Clearance below unobstructed	γ					
/ENT	AFIOR /FLO	Floor joints/penetrations sealed	Y					
AS V	CON STJ BASE	New floor openings/penetrations		\mathcal{N}				
σ		If yes, sealed air tight?						

Site Inspection Log Barretto Point Park, Bronx, NY

Inspector signature:



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



Site Name Barretto Site Address: 1121 V City/Town: Bronx County: Bronx Site Acreage: 13.220 ©c Reporting Period: Se forting period st 1. Is the information	Point iele Avenue & 1240 Viele Avenue tober 17, 2017 ptember 27, 2017 to February 17, 2019 arts after date of Certifica above correct?	Zip Code: 10474 9 te of Completion 10/1	7/2017 YES	NO
Site Address: 1121 V City/Town: Bronx County: Bronx Site Acreage: 13.220 Care Reporting Period: Se orting period st I. Is the information	iele Avenue & 1240 Viele Avenue tober 17, 2017 ptember 27, 2017 to February 17, 2019 arts after date of Certifica above correct?	Zip Code: 10474 9 te of Completion 10/1	7/2017 YES	NO
Site Address: 1121 V City/Town: Bronx County: Bronx Site Acreage: 13.220 Car Reporting Period: Se Sorting period st I. Is the information	iele Avenue & 1240 Viele Avenue tober 17, 2017 ptember 27, 2017 to February 17, 2019 arts after date of Certifica above correct?	Zip Code: 10474 9 te of Completion 10/1	7/2017 YES	NO
Oct Reporting Period: Se orting period st 1. Is the information	ober 17, 2017 ptember 27, 2017 to February 17, 2019 arts after date of Certifica above correct?	9 te of Completion 10/1	7/2017 YES	NO
orting period st I. Is the information If NO. include har	arts after date of Certifica above correct?	te of Completion 10/1	7/2017 YES	NO
I. Is the information	above correct? Idwritten above or on a separate sheet		YES	NO
I. Is the information	above correct? Idwritten above or on a separate sheet		-	
If NO, include har	dwritten above or on a separate sheel		U	K
2. Has some or all o tax map amendm	f the site property been sold, subdivide ent during this Reporting Period?	ed, merged, or undergone a	₽ x	
3. Has there been a (see 6NYCRR 37	ny change of use at the site during this 5-1.11(d))?	Reporting Period	%	0
4. Have any federal, for or at the prope	state, and/or local permits (e.g., build rty during this Reporting Period?	ing, discharge) been issued	0	•
If you answered that documentat	YES to questions 2 thru 4, include o ion has been previously submitted	locumentation or evidence with this certification form.		
5. Is the site current	y undergoing development?		8	۵
			Box 2	
			YES	NO
 Is the current site Industrial 	use consistent with the use(s) listed b	elow?	8	٥
7. Are all ICs/ECs ir	place and functioning as designed?		%	D
IF THE AN DO N	SWER TO EITHER QUESTION 6 OR 7 OT COMPLETE THE REST OF THIS FO	IS NO, sign and date below a ORM. Otherwise continue.	ınd	
A Corrective Measur	as Work Plan must be submitted along	g with this form to address ti	hese iss	ues.

Signature of Owner, Remedial Party or Designated Representative

Date

SITE NO. 800032		Box 3
Description (of institutional Controls	
Parcel	Owner	Institutional Control
2777-100	City of New York	manononal oprinoi
		Landuse Restriction
		Site Management Plan
		IC/EC Plan
		Ground Water Use Restriction
. Prohibition again 2. Use must be ma 2777, Lot 901), a 600 and Block 2 3. Annual inspectio	ist use of groundwater without treatment. Antained as Commercial with Passive Recreational and as Industrial on remaining 6.7 acres of site (Blo 779, Lot 1). Dons of site.	i Use on 6.52 acres of site (Block ock 2777, Lots 100, 105 and
4. Complance will	Cibu of New York	
-111-103	ONY OF NEW TOIN	Ground Water Lise Restriction
		Landuse Restriction
		Site Management Plan
		IC/EC Plan
600 and Block 2 3. Annual inspection 4. Compliance with 1777-600	779, Lot 1). ons of site. o Site Management Plan. City of New York	Ground Water Use Restriction
		Site Management Plan IC/EC Plan
 Prohibition again Use must be ma 2777, Lot 901), a 600 and Block 2 Annual inspection Compliance with 	ast use of groundwater without treatment. and as Industrial on remaining 6.7 acres of site (Blo 779, Lot 1). ons of site. n Site Management Plan.	l Use on 6.52 acres of site (Block ock 2777, Lots 100, 105 and
2777-901	City of New York	
		Ground Water Use Restriction
		Landuse Restriction
CERTIFIED E	BY NYC PARKS AND RECREATION	Site Management Plan
(NYCDPR)		IU/CU FIAN
. Prohibition again 2. Use must be ma 2777, Lot 901), a 600 and Block 2 3. Annual inspecta 4. Compliance wit	nst use of groundwater without treatment. aintained as Commercial with Passive Recreationa and as Industrial on remaining 6.7 acres of site (Bio 779, Lot 1). ons of site. h Site Management Plan.	i Use on 6.52 acres of site (Block ock 2777, Lots 100, 105 and
2779-1	City of New York	Ground Water Use Restriction Landuse Restriction Site Management Plan

1. Prohibition against use of groundwater without treatment. 2. Use must be maintained as Commercial with Passive Recreational Use on 6.52 acres of site (Block 2777, Lot 901), and as Industrial on remaining 6.7 acres of site (Block 2777, Lots 100, 105 and 600 and Block 2779, Lot 1). 3. Annual inspections of site. 4. Compliance with Site Management Plan. Box 4 **Description of Engineering Controls** Engineering Control Parcel 2777-100 Cover System Fencing/Access Control A cover consisting of a mininum of 18 inches of clean soil and 6 inches of crushed stone in a 2.5-acre portion of the site; a 2-foot clean soil cover in the Barretto Point Park portion of the site (6.52 acres); and a layer of existing fill, asphalt, gravel or vegetation in the remaining site area (4.2 acres). 2777-105 Cover System Fencing/Access Control A cover consisting of a mininum of 18 inches of clean soil and 6 inches of crushed stone in a 2.5-acre portion of the site; a 2-foot clean soil cover in the Barretto Point Park portion of the site (6.52 acres); and a layer of existing fill, asphalt, gravel or vegetation in the remaining site area (4.2 acres). 2777-600 Cover System Fencing/Access Control A cover consisting of a mininum of 18 inches of clean soil and 6 inches of crushed stone in a 2.5-acre portion of the site; a 2-foot clean soil cover in the Barretto Point Park portion of the site (6.52 acres); and a layer of existing fill, asphalt, gravel or vegetation in the remaining site area (4.2, acres). 2777-901 Cover System CERTIFIED BY NYCDPR Fencing/Access Control A cover consisting of a mininum of 18 inches of clean soll and 6 inches of crushed stone in a 2.5-acre portion of the site; a 2-foot clean soil cover in the Barretto Point Park portion of the site (6.52 acres); and a layer of existing fill, asphalt, gravel or vegetation in the remaining site area (4.2 acres). 2779-1 Cover System Fencing/Access Control A cover consisting of a mininum of 18 inches of clean soil and 6 inches of crushed stone in a 2.5-acre portion of the site; a 2-foot clean soil cover in the Barretto Point Park portion of the site (6.52 acres); and a laver of existing fill, asphalt, gravel or vegetation in the remaining site area (4.2 acres).

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES NO

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St

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or 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

R 0

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. B00032

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.

1_	Matthe	Osit	at	96-05	Horace	Harding	EXPUT	Corona	NT	11368
	print	name		-	print bus	iness add	ress			

am certifying as _____ Bwner

(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

2

IC/EC CERTIFICATIONS

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.

| Jean-Pierre Hourani, P.E. at 1350 Broadway, Suite 2000, NY, NY 10018 print name print business address

am certifying as a Qualified Environmental Professional for the Owner

(Owner or Remedial Party)

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

067424-1

Stamp (Required for PE) 3/15/2019

Date

Box 7