NYC
Environmental Protection

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March 21, 2019

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,

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

Brown AND Caldwell

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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 Groundwater[2]. 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 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.

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 Property[3] 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 vegetated areas. No excavation or man-made disturbance of soil was observed anywhere on 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

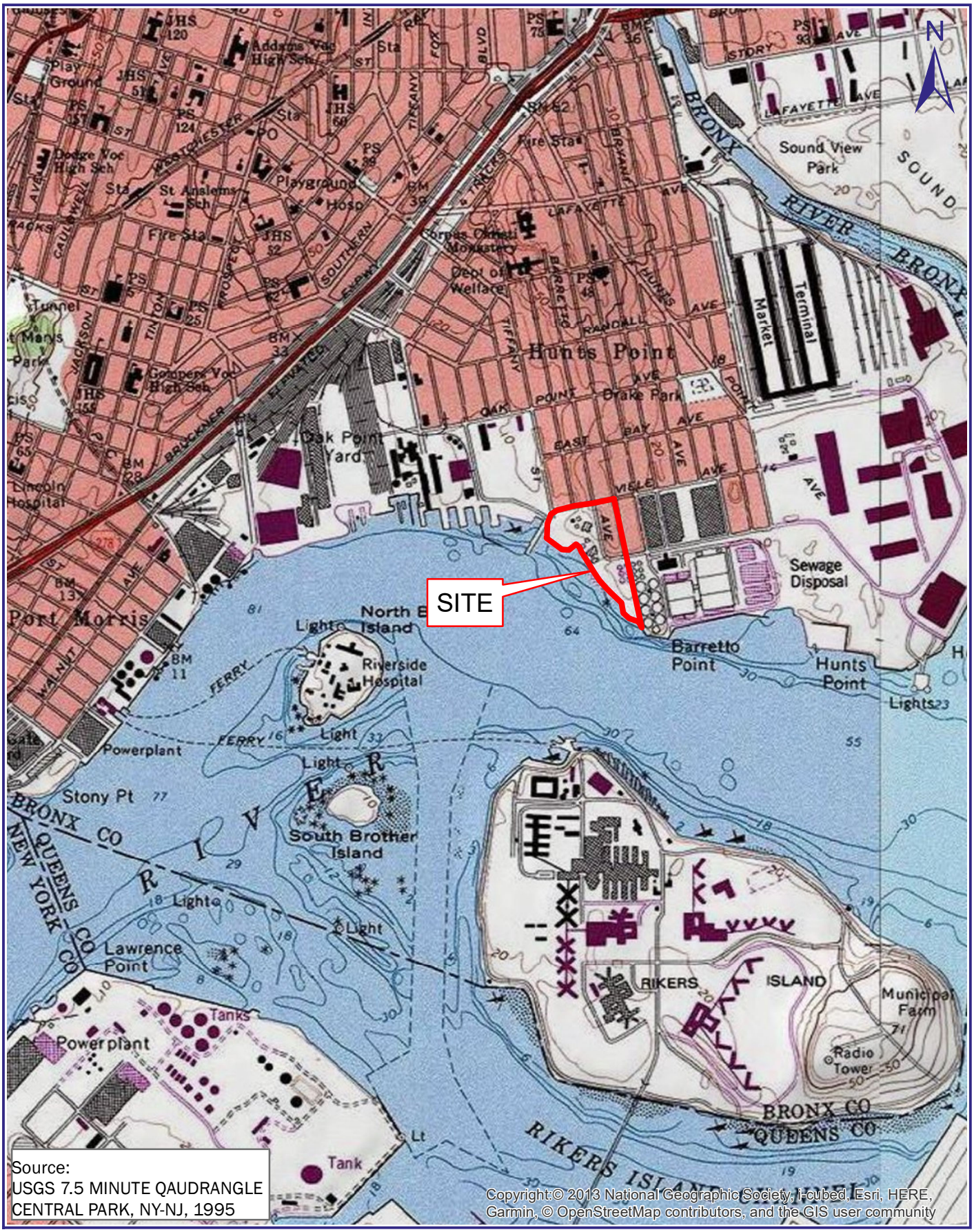
Section 5

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.

Figures

2/25/2019



Author: BFTaylor Path: P:\GIS\NYCDEP\Barretto_Point_Site_Location.mxd

Brown AND Caldwell

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

0 1,000 2,000
Feet

0 150 300

SCALE IN FEET

LEGEND:

- APPROXIMATE STE BOUNDARY FROM FIGURE 12 OF SMP
- APPROXIMATE SHORE LINE FROM FIGURE 12 OF SMP

COVER REQUIREMENTS:

- REMEDIATED AREA (6" CRUSHED STONE OVER 18" CLEAN SOIL
- BARRETTO POINT PARK (2 FT CLEAN SOIIL)
- REMAINING SITE AREA (EXISTING FILL, ASPHALT, GRAVEL OR VEGETATION)

NOTES:

1. EXCLUDES LAND UNDER EAST RIVER.

Brown AND Caldwell

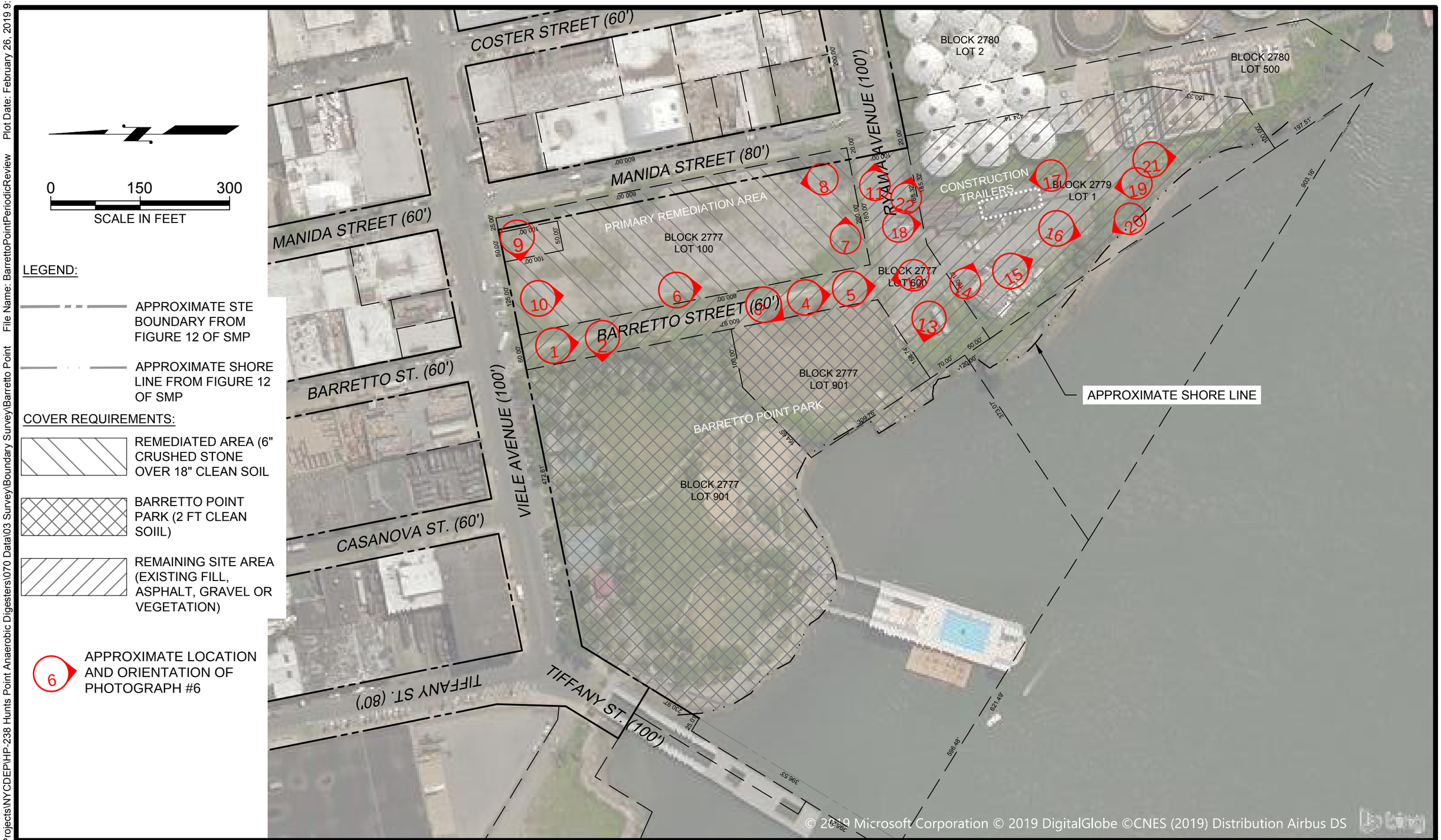
SCALE: 1" = 150'

DATE: February 26, 2019

AREA SUBJECT TO SITE MANAGEMENT PLAN
BARRETTO POINT SITE PERIODIC REVIEW REPORT

FIGURE 2

Path: \\bcnycfp01\Projects\NYCDEP\HP-238 Hunts Point Anaerobic Digesters\070 Data\03 Survey\Boundary Survey\Barretto Point File Name: BarrettoPointPeriodicReview Plot Date: February 26, 2019 9:15 AM



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Brown AND Caldwell

SCALE: 1" = 150'

DATE: February 26, 2019

LOCATIONS OF SITE PHOTOGRAPHS
BARRETTO POINT SITE PERIODIC REVIEW REPORT

FIGURE
3

Appendix A: Site Inspection Forms

INSPECTION FORM

Barretto Point Site
Bronx County, NY

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: 3/6/19 Last Inspection Date: NA

Title: Senior Geologist Affiliation (employer): Brown and Caldwell Assocs.

Street Address: 3 Marcus Blvd. Suite 106 City: Albany State: NY

Zip Code: 12205 Telephone: 518-560-5912 Email: fwilliams@brwncald.com

Weather Conditions: Sunny, breezy (variable), 30-35° F

B. Activities and Uses

1. Is there any observable evidence that the usage of the Site is not consistent with the industrial use limitation?

Yes _____ No X If Yes, explain below.

Access to the public is restricted by fencing.

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 X If Yes, explain below.

3. Is there any evidence of vegetable gardening or farming?

Yes _____ No X If Yes, explain below.

Only vegetation on site is grass, brush and trees. No apparent cultivation or landscape maintenance.

4. Is there any evidence of buildings that would require evaluation for potential soil vapor intrusion?

Yes _____ No X If Yes, explain below.

The only buildings on site are 4 adjoining construction trailers. The trailers are supported above ground and the underlying space is enclosed by skirting with vents to facilitate air exchange.

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?

Yes X No _____ If Yes, explain below.

There are a number of areas where the asphalt pavement has deteriorated, including Ryawa Avenue and Barretto Street.

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

Yes _____ No X If Yes, explain below.

Active erosion of soil was not observed. Soil appears to be covered with grasses and brush. Crushed stone cover on 2.5-acre primary remediation area ~~does not~~ appears stable.

(c) Is there any readily observable evidence of soil excavation or disturbance?

Yes _____ No X If Yes, interview facility personnel and explain below.

Subsidence was evident, possibly associated with subsurface utilities associated with Barretto Street and Ryawa Ave.

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.

(d) Photo document the conditions of the surface cover (3 minimum).
see photo log and other photos on server

(e) Are repairs recommended? Yes _____ No X If yes, describe type, location, and size of repair area.
The deteriorated pavement and subsidence do not appear to be causing underlying soil to be exposed.

2. Crushed Stone over Clean Fill Cover on 2.5 Acres

(a) Is there evidence of erosion of the crushed stone or underlying fill?
Yes _____ No X If Yes, explain below.

(b) Is there any readily observable evidence of soil excavation or disturbance?
Yes _____ No X 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.

(c) Photo document the conditions of the surface cover (3 minimum).
see photo log and other photos on server

(d) Are repairs recommended? Yes _____ No X If yes, describe type, location, and size of repair area.

D. Additional Comments

Appendix B: Photographic Log

Photograph #1 – View of Barretto Street, facing south. Fenced, 2.5-acre Primary Remediation Area on left. Barretto Point Park on right.

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 #15 – Area west of construction trailers, facing south. Two tarped stockpiles of mulch (wood chips). East River to right.

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 #19 – South entrance to area of construction trailers, facing north.

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.

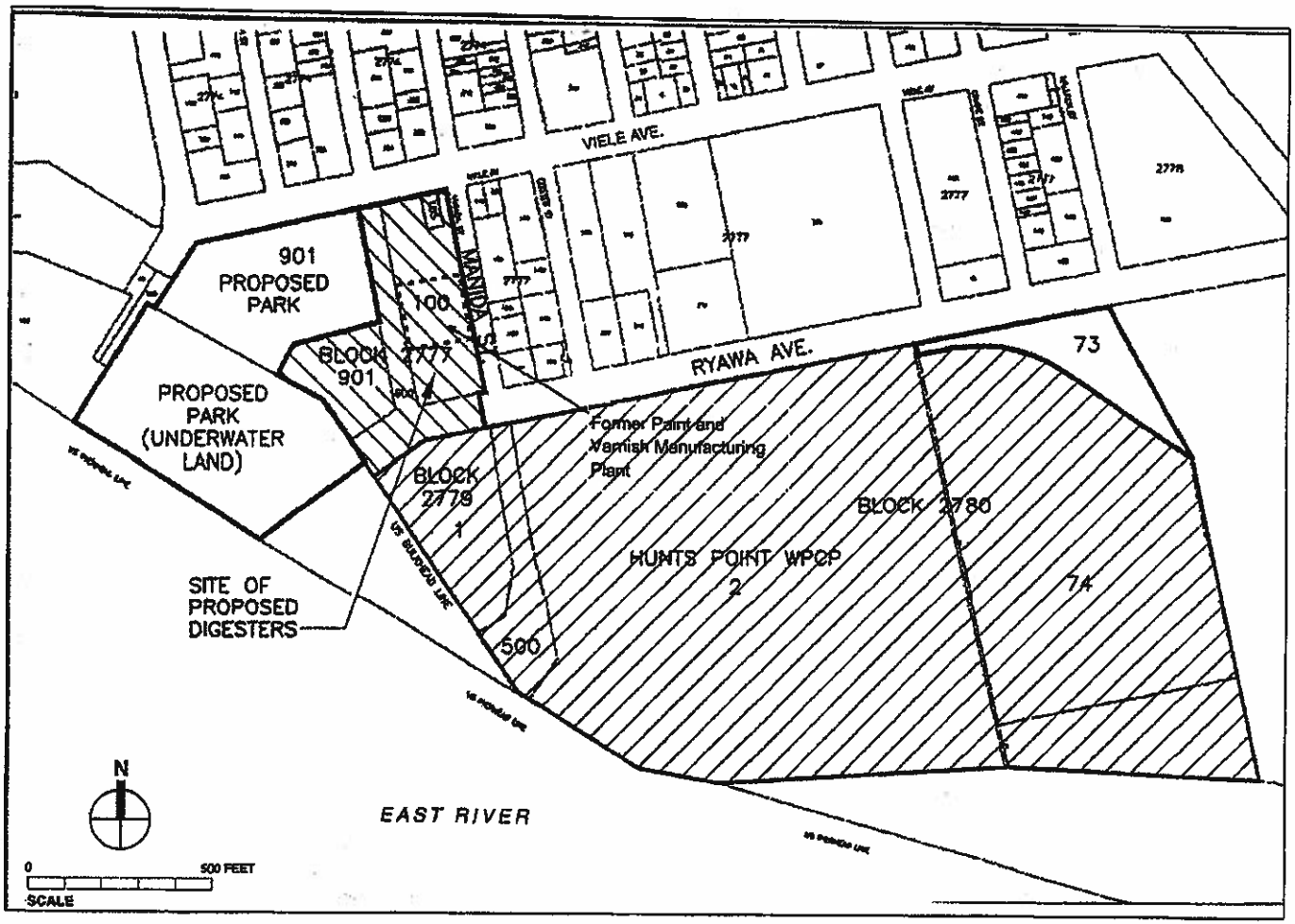
Periodic Review Report (PRR) for the period September 27, 2017 through February 17, 2019

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 NYCDEP 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.



URS
PARAMUS, NEW JERSEY

TAX MAP
BARRETTO POINT SITE

BARRETTO POINT SITE
BRONX, NY

FIGURE 3

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: [illegible] Sloan Boardman/Megan Fabre Rodrigues	Weather/temperature: Sunny - 25 Degrees
Date: 1-3-18	Recent Significant Weather Events? Y / N

			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover		N		
		Erosion		N		
		Mulch coverage	Y		Add more mulch	
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore	Y		Payloader/Bobcat needed	
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed		N		
		Floor joints/penetrations sealed		N		
		New floor openings/penetrations		N		
		If yes, sealed air tight?	Y			

Inspector signature: Fabre M. Rodrigues Sloan Boardman	NYPE License #:

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: APRM Felix Rodriguez				Weather/temperature: Cloudy + Cold		
Date: 1/30/18				Recent Significant Weather Events? Y / (N)		
			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover		N		
		Erosion		N		
		Mulch coverage		N		
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes. adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed		N		
		Floor joints/penetrations sealed		N		
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: Felix M. Rodriguez | NYPE License #:

Barretto Point Park/Playground

Site Inspection Log

Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez				Weather/temperature: Cloudy		
Date: 2/4/18				Recent Significant Weather Events? Y / N		
			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y		TREE PITS & GARDEN BEDS	
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASEMENT/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: Felix M Rodriguez | NYPE License #:

Barretto Point Park / Playground

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez			Weather/temperature: Cloudy			
Date: 3/8/17			Recent Significant Weather Events? Y / N			
			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y		Tree Pits + Garden Beds	
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: Felix M. Rodriguez	NYPE License #:

Barretto Park undeveloped

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Shawn Bowman				Weather/temperature: Cloudy		
Date: 4-10-18				Recent Significant Weather Events? Y / N		
			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage			N/A	
		Settlement or subsistence			N/A	
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces			N/A	
		Depression/settlement			N/A	
		Exposed underlying soil			N/A	
		Visible white dem. fabric			N/A	
		Recent repairs			N/A	
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions			N/A	
		Sediment accumulation			N/A	
		Trash/debris accumulation			N/A	
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed			N/A	
		Floor joints/penetrations sealed			N/A	
		New floor openings/penetrations			N/A	
		If yes, sealed air tight?				

Inspector signature: Shawn Bowman | NYPE License #:

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Shaun Bowman	Weather/temperature: Cloudy
Date: 4/10/18	Recent Significant Weather Events? Y / N

			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y		Tree Pits & Garden Beds	
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: Shaun Bowman	NYPE License #:

Barretto Point Park

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez			Weather/temperature: Sunny / 70°			
Date: 5/2/18			Recent Significant Weather Events? Y / (N)			
			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y		Tree pits + Crawler beds	
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: Felix Rodriguez	NYPE License #:

Barretto Point + Undeveloped

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez | Weather/temperature: Sunny, 70°

Date: 5/2/18 | Recent Significant Weather Events? Y / (N)

			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage			N/A	
		Settlement or subsistence			N/A	
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces			N/A	
		Depression/settlement			N/A	
		Exposed underlying soil			N/A	
		Visible white dem. fabric			N/A	
		Recent repairs			N/A	
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions			N/A	
		Sediment accumulation			N/A	
		Trash/debris accumulation			N/A	
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed			N/A	
		Floor joints/penetrations sealed			N/A	
		New floor openings/penetrations			N/A	
		If yes, sealed air tight?				

Inspector signature: Felix Rodriguez | NYPE License #:

Barretto Point Park

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez | Weather/temperature: Cloudy 64°
Date: 6-1-18 | Recent Significant Weather Events? Y / (N)

			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y		Tree Pits & Wooden Beds	
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: Felix Rodriguez | NYPE License #:

Barretto Point + Undeveloped

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez
Date: 6/1/16
Weather/temperature: Cloudy 64°
Recent Significant Weather Events? Y / (N)

			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage			N/A	
		Settlement or subsistence			N/A	
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces			N/A	
		Depression/settlement			N/A	
		Exposed underlying soil			N/A	
		Visible white dem. fabric			N/A	
		Recent repairs			N/A	
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions			N/A	
		Sediment accumulation			N/A	
		Trash/debris accumulation			N/A	
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed			N/A	
		Floor joints/penetrations sealed			N/A	
		New floor openings/penetrations			N/A	
		If yes, sealed air tight?				

Inspector signature:

NYPE License #:

Barretto Point Undeveloped Area

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez
Date: 7/9/18
Weather/temperature: Sunny 72°
Recent Significant Weather Events? Y / (N)

			Status Y	Status N	Corrective Action Required	Correction Date
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage			N/A	
		Settlement or subsistence			N/A	
		Visible white demarcation fabric		N		
		Recent excavation/disturbance	Y		Install Chain Link Fence	
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces			N/A	
		Depression/settlement			N/A	
		Exposed underlying soil			N/A	
		Visible white dem. fabric			N/A	
		Recent repairs			N/A	
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions			N/A	
		Sediment accumulation			N/A	
		Trash/debris accumulation			N/A	
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed			N/A	
		Floor joints/penetrations sealed			N/A	
		New floor openings/penetrations			N/A	
		If yes, sealed air tight?				

Inspector signature: Felix M. Rodriguez
NYPE License #:

Barretto Point Park

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez			Weather/temperature: Sunny 72°			
Date: 7/9/18			Recent Significant Weather Events? Y (N)			
			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y			
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance	Y		Orig a Trever for Wharpipes for Plant Pool	
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: Felix M. Rodriguez | NYPE License #:

developed Area

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix M. Rodriguez
Date: 8/1/18
Weather/temperature: Cloudy / High 80s
Recent Significant Weather Events? Y / (N)

			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y			
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance	Y		Dogged a Trench 2 F4 deep For Water pipes For Float Pool Backfill with same sand	
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs				
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: Felix M. Rodriguez
NYPE License #:

Undeveloped Area

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez | Weather/temperature: Cloudy / Light Rain
Date: 6/1/18 | Recent Significant Weather Events? Y / (N)

			Status Y	Status N	Corrective Action Required	Correction Date
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y		Laid A thin Layer of Chips then placed Fence Table on Top of Chips	
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance	Y		Install Chain Link Fence	
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces			N/A	
		Depression/settlement			N/A	
		Exposed underlying soil			N/A	
		Visible white dem. fabric			N/A	
		Recent repairs			N/A	
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions			N/A	
		Sediment accumulation			N/A	
		Trash/debris accumulation			N/A	
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed			N/A	
		Floor joints/penetrations sealed			N/A	
		New floor openings/penetrations			N/A	
		If yes, sealed air tight?				

Inspector signature: Felix Rodriguez | NYPE License #:

Barretto Point Park

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez				Weather/temperature: Cloudy / 75		
Date: 9/7/18				Recent Significant Weather Events? Y (N)		
			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y			
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance	Y		dig a Trench for pipes for Flat Rock Used Existing Sand 2 Ft deep	
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: Felix M Rodriguez	NYPE License #:

Barretto Point Park undeveloped Area

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez	Weather/temperature: Cloudy / 75
Date: 9/7/18	Recent Significant Weather Events? Y / (N)

			Status Y	Status N	Corrective Action Required	Correction Date
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	X			
		Erosion		N		
		Mulch coverage	Y		Where Picnic Tables are Placed	
		Settlement or subsistence			N/A	
		Visible white demarcation fabric		N		
		Recent excavation/disturbance	Y		Install Chain Link Fence	
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces			N/A	
		Depression/settlement			N/A	
		Exposed underlying soil			N/A	
		Visible white dem. fabric			N/A	
		Recent repairs			N/A	
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions			N/A	
		Sediment accumulation			N/A	
		Trash/debris accumulation			N/A	
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed			N/A	
		Floor joints/penetrations sealed			N/A	
		New floor openings/penetrations			N/A	
		If yes, sealed air tight?				

Inspector signature: Felix Rodriguez | NYPE License #:

Barretto Point Park

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez			Weather/temperature: 62° / Cloudy			
Date: 10/3/18			Recent Significant Weather Events? Y / (N)			
			Status Y	**Status** N	**Corrective Action Required**	**Correction Date**
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y		Tree pits & Curbside	
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: Felix M. Rodriguez

NYPE License #:

Barretto Point Undeveloped Area

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Radeymer
Date: 10/8/18
Weather/temperature: 60°/Cloudy
Recent Significant Weather Events? Y / N

			Status Y	Status N	Corrective Action Required	Correction Date
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y		Where Mulch Has Not Been Placed	
		Settlement or subsistence		N		
		Visible white demarcation fabric	Y		Install Chain Link Fence	
		Recent excavation/disturbance				
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces			N/A	
		Depression/settlement			N/A	
		Exposed underlying soil			N/A	
		Visible white dem. fabric			N/A	
		Recent repairs			N/A	
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions			N/A	
		Sediment accumulation			N/A	
		Trash/debris accumulation			N/A	
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed			N/A	
		Floor joints/penetrations sealed			N/A	
		New floor openings/penetrations			N/A	
		If yes, sealed air tight?				

Inspector signature: Felix Radeymer
NYPE License #:

Barretto Point Park Undeveloped Area

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez				Weather/temperature: Sunny 52°		
Date: 11-1-15				Recent Significant Weather Events? (Y) / N		
North Eastern			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	X			
		Erosion		N		
		Mulch coverage	Y		Where Picnic Tables are Placed	
		Settlement or subsistence			N/A	
		Visible white demarcation fabric		N		
		Recent excavation/disturbance	Y		Install Chain Link fence	
		If yes, adequately repaired?				
	SHORELINE	Erosion				
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces			N/A	
		Depression/settlement			N/A	
		Exposed underlying soil			N/A	
		Visible white dem. fabric			N/A	
		Recent repairs			N/A	
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions			N/A	
		Sediment accumulation			N/A	
		Trash/debris accumulation			N/A	
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed			N/A	
		Floor joints/penetrations sealed			N/A	
		New floor openings/penetrations			N/A	
		If yes, sealed air tight?				

Inspector signature:	NYPE License #:

Barretto Point Park

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez	Weather/temperature: Sunny 58°
Date: 11-1-18	Recent Significant Weather Events? (Y) / N

North Eastern

			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y			
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature:	NYPE License #:

BARRETTO POINT PARK

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Kodzyniec			Weather/temperature: 52° / Sunny			
Date: 12/3/18			Recent Significant Weather Events? Y / (N)			
			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y			
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: Felix M. Kodzyniec | NYPE License #:

BARRETTO POINT PARK Undeveloped Area

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez | Weather/temperature: 52 / SUNNY
Date: 12/3/18 | Recent Significant Weather Events? Y (N)

			Status Y	Status N	Corrective Action Required	Correction Date
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y		Where Picnic Tables are Place	
		Settlement or subsistence			N/A	
		Visible white demarcation fabric		N		
		Recent excavation/disturbance	Y		Install Chain Link Fence	
		If yes, adequately repaired?				
	SHORELINE	Erosion				
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces			N/A	
		Depression/settlement			N/A	
		Exposed underlying soil			N/A	
		Visible white dem. fabric			N/A	
		Recent repairs			N/A	
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions			N/A	
		Sediment accumulation			N/A	
		Trash/debris accumulation			N/A	
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed			N/A	
		Floor joints/penetrations sealed			N/A	
		New floor openings/penetrations			N/A	
		If yes, sealed air tight?				

Inspector signature: Felix M Rodriguez | NYPE License #:

Effective 10/1 - Part 1

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez | Weather/temperature: Cloudy / 35°
Date: 1/2/19 | Recent Significant Weather Events? Y / (N)

			Status Y	Status N	Corrective Action Required	Correction Date
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y			
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: | NYPE License #:

BARRETTO POINT PARK UNDEVELOPED AREA

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez	Weather/temperature: Cloudy 135°
Date: 1/2/19	Recent Significant Weather Events? Y / (N)

			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y		Where Picnic Tables Are Place	
		Settlement or subsistence			N/A	
		Visible white demarcation fabric		N		
		Recent excavation/disturbance	Y		Install Chain Link Fence	
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces			N/A	
		Depression/settlement			N/A	
		Exposed underlying soil			N/A	
		Visible white dem. fabric			N/A	
		Recent repairs			N/A	
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions			N/A	
		Sediment accumulation			N/A	
		Trash/debris accumulation			N/A	
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed			N/A	
		Floor joints/penetrations sealed			N/A	
		New floor openings/penetrations			N/A	
		If yes, sealed air tight?				

Inspector signature:	NYPE License #:

Barretto Point Park Undeveloped Area

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez	Weather/temperature: Partly Cloud 17°
Date: 2/1/19	Recent Significant Weather Events? Y / (N)

			Status Y	Status N	Corrective Action Required	Correction Date
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y		Where Picnic Tables Are Place	
		Settlement or subsistence			N/A	
		Visible white demarcation fabric		N		
		Recent excavation/disturbance	Y		Existing Chain Link Fence	
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces			N/A	
		Depression/settlement			N/A	
		Exposed underlying soil			N/A	
		Visible white dem. fabric			N/A	
		Recent repairs			N/A	
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions			N/A	
		Sediment accumulation			N/A	
		Trash/debris accumulation			N/A	
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed			N/A	
		Floor joints/penetrations sealed			N/A	
		New floor openings/penetrations			N/A	
		If yes, sealed air tight?				

Inspector signature:	NYPE License #:

BARRETTO POINT PARK

Site Inspection Log
Barretto Point Park, Bronx, NY

Inspected by: Felix Rodriguez | Weather/temperature: Partly Cloudy 82°
Date: 2/1/19 | Recent Significant Weather Events? Y (N)

			Status		Corrective Action Required	Correction Date
			Y	N		
SOIL COVER AREAS	PARK LAWN/ HORT AREAS/TREE PITS	Satisfactory vegetative cover	Y			
		Erosion		N		
		Mulch coverage	Y			
		Settlement or subsistence		N		
		Visible white demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
	SHORELINE	Erosion		N		
		Exposed underlying soil		N		
		Debris washed ashore		N		
		Visible orange demarcation fabric		N		
		Recent excavation/disturbance		N		
		If yes, adequately repaired?				
PAVED SURFACES	CONCRETE/ASPHALT/ PAVERS/SIDEWALKS	Cracks, missing pieces		N		
		Depression/settlement		N		
		Exposed underlying soil		N		
		Visible white dem. fabric		N		
		Recent repairs		N		
		If yes, adequately repaired?				
STORM WATER	CATCH BASINS/ DRAINS	Clear of obstructions	Y			
		Sediment accumulation		N		
		Trash/debris accumulation		N		
GAS VENTING	COMFORT STATION BASE/FLOOR	Clearance below unobstructed	Y			
		Floor joints/penetrations sealed	Y			
		New floor openings/penetrations		N		
		If yes, sealed air tight?				

Inspector signature: | NYPE License #:

Enclosure 2

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

Site Details **Box 1**

Site No. B00032

Site Name Barretto Point

Site Address: 1121 Viele Avenue & 1240 Viele Avenue Zip Code: 10474
City/Town: Bronx
County: Bronx
Site Acreage: 13.220

Reporting Period: ~~September 27, 2017~~ October 17, 2017 to February 17, 2019

Reporting period starts after date of Certificate of Completion 10/17/2017.

	YES	NO
1. Is the information above correct?	☐	☒
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☒	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☒	☐
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☒	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

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

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

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. B00032 Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
2777-100	City of New York	Landuse Restriction Site Management Plan IC/EC Plan Ground Water Use Restriction

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.

2777-105	City of New York	Ground Water Use Restriction Landuse Restriction Site Management Plan IC/EC 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.

2777-600	City of New York	Ground Water Use Restriction Landuse Restriction Site Management Plan IC/EC 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.

2777-901	City of New York	Ground Water Use Restriction Landuse Restriction Site Management Plan IC/EC Plan

CERTIFIED BY NYC PARKS AND RECREATION (NYCDPR)

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.

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

Parcel	Engineering Control
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

CERTIFIED BY NYCDPR

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).

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 layer 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
☒	☐

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
☒	☐

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.

I Matthew Osit (print name) at 96-05 Horace Harding Expwy Corona NY 11368 (print business address)

am certifying as Owner (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

3/18/19
Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I 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