BROOK 156
740 BROOK AVENUE
BRONX, NEW YORK

Periodic Review Report

NYSDEC Brownfield Cleanup Program Site Number: C203078

AKRF Project Number: 11703

Prepared for:

Brook 156 HDFC
Brook 156 Associates, L.P.
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MAY 2024

TABLE OF CONTENTS

IN-TEXT TABLES/CHARTS

ATTACHED TABLES

FIGURES

APPENDICES

P.E. CERTIFICATION

I, Michelle Lapin, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the approved Site Management Plan protocols, and I certify that the documentation of site management activities is accurately presented in this Periodic Review Report for the Brook 156 Site (the Site) located at 740 Brook Avenue in the Bronx, New York (BCP Site No. C203078).

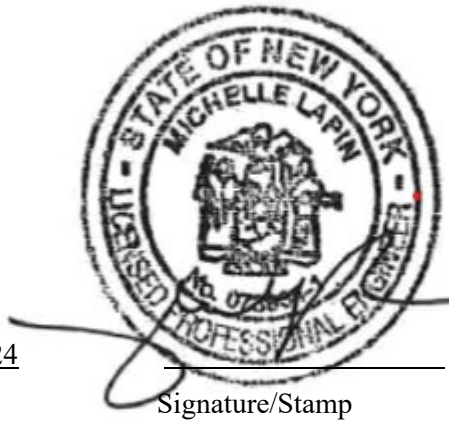
For each institutional control identified for the Site, I certify that all of the following statements are true:

a) The institutional controls employed at this Site are unchanged from the date the controls were put in place, or last approved by the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER), with the exceptions cited in this Periodic Review Report;

b) Nothing has occurred that would impair the ability of such controls to protect public health and the environment;

c) Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan requirement for these controls; and

d) Access to the Site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of these controls.



Michelle Lapin, P.E. - 073934-1	May 7, 2024	
NYS Professional Engineer #	Date	Signature/Stamp

EXECUTIVE SUMMARY

This Periodic Review Report (PRR) was prepared on behalf of Brook 156 Housing Development and Fund Corporation (HDFC) and Brook 156 Associates, L.P. (collectively, the "Volunteer") as an element of the remedial program at the Brook 156 site located at 740 Brook Avenue, Bronx, New York [Tax Block 2360, Lot 1 (former Lots 1 and 3)] (hereinafter referred to as the "Site"). The remedial program was performed under the New York State (NYS) Brownfield Cleanup Program (BCP), administered by New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Index #C203078-03-15, Site #C203078, which was executed on April 30, 2015 with subsequent amendments completed in August 2020, August 2021, and December 2021. A Site location map is provided as Figure 1 and the Site layout is shown on Figure 2.

As reported to NYSDEC and the New York State Department of Health (NYSDOH), the Remedial Investigation (RI) and Supplemental Remedial Investigation (SRI) completed at the Site between October 2013 and October 2017 indicated: elevated concentrations of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and metals in soil above their respective Unrestricted Use Soil Cleanup Objectives (UUSCOs) and/or Restricted Residential Soil Cleanup Objectives (RRSCOs); select VOCs, SVOCs, and metals in groundwater above the NYSDEC Technical and Operational Guidance Series (1.1.1) Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs); and elevated concentrations of solvent and petroleum-related VOCs in soil vapor. Remedial activities included soil removal, underground storage tank (UST) cleaning and removal, clean fill import, and installation of a passive sub-slab depressurization system (SSDS), completed between January and August 2021. The remedial action was completed in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) dated October 2018; the Decision Document dated October 2018; and the NYSDEC-approved Remedy Modifications dated May 7, 2020 (approved by NYSDEC on May 18, 2021) and September 3, 2021 (approved by NYSDEC on December 2, 2021). The Site achieved a Track 2 cleanup. NYSDEC approved the Final Engineering Report (FER) and Site Management Plan (SMP) in December 2021 and the Certificate of Completion (COC) was issued on December 23, 2021. Post-remediation Site monitoring requirements were completed in accordance with the SMP and the findings were included in the Periodic Review Report (PRR) submitted in May 2023 (for the December 23, 2021 through April 25, 2023 period). NYSDEC reviewed the PRR and determined that the installed passive sub-slab depressurization system (SSDS) did not need to be activated and is not considered an Engineering Control (EC). The SMP was revised in June 2023 to remove all references to ECs and was updated to only include Institutional Controls (ICs). A copy of the revised SMP approval letter is provided in Appendix A.

The purpose of this PRR is to document the Site management activities and the findings associated with the ICs for the April 26, 2023 through April 23, 2024, period, and to certify that these controls are being implemented in accordance with the revised SMP (dated June 2023) and all relevant BCP requirements during this reporting period.

In summary, the Site's remedy remains effective and protective of human health and the environment with continued adherence to the SMP. An annual site-wide inspection was performed to document Site conditions. As reported and certified herein, the Volunteer was fully compliant with the SMP for the reporting period. The status of each of the remaining remedial program elements are summarized herein.

The use of the on-site building has remained unchanged during the April 26, 2023 through April 23, 2024 PRR reporting period.

1.0 INTRODUCTION

This Periodic Review Report (PRR) was prepared for the Brook 156 Site located at 740 Brook Avenue in the Bronx, New York (the "Site"), listed as Block 2360, Lot 1 (former Lots 1 and 3) on the New York City Tax Map. The Site was successfully remediated in accordance with Brownfield Cleanup Agreement (BCA) Index #C203078-03-15, Site #C203078, executed on April 30, 2015 with subsequent amendments completed in August 2020, August 2021, and December 2021. The Site consists of an approximately 0.1635-acre lot developed with a 9-story residential building with a cellar and an exterior courtyard, and contains 52 affordable housing multi-family units. The Site was re-zoned from R7-2 to C6-2 to support the redevelopment. A Site location map is provided as Figure 1 and the Site layout is shown on Figure 2.

Historic records indicated that former Lot 1 comprised the eastern portion of the Site and consisted of an approximately 5,600-square foot (sf) rail bed (Port Morris branch of the New York and Harlem Railroad) and tunnel that lay approximately 19 feet below sidewalk grade, and a small portion at sidewalk grade along the eastern portion of the lot. Former Lot 3 comprised the western portion of the Site and was developed with a gasoline station with a lubritorium office and a used automotive sales lot prior to circa 1949. The gasoline filling station was called the Brook Service Station in 1949 and the J&L Service Station between 1956 through 1961. The gasoline station was vacated by 1969.

Activities reported herein have been performed on behalf of Brook 156 Housing Development Fund Corporation (HDFC) and Brook 156 Associates, L.P. (collectively, the "Volunteer"). The Remedial Investigation (RI) and Supplemental Remedial Investigation completed at the Site between October 2013 and October 2017 indicated: elevated concentrations of VOCs, SVOCs, PCBs, and metals in soil above their respective UUSCOs and/or RRSCOs; select VOCs, SVOCs, and metals in groundwater above their respective AWQSGVs; and elevated concentrations of solvent and petroleum-related VOCs in soil vapor. The remedial action was completed in accordance with the NYSDEC-approved RAWP dated October 2018, the Decision Document dated October 2018, and the NYSDEC-approved Remedy Modifications dated May 7, 2020 (approved by NYSDEC on May 18, 2021) and September 3, 2021 (approved by NYSDEC on December 2, 2021. The Site achieved a Track 2 cleanup. NYSDEC approved the FER and SMP in December 2021 and the COC was issued on December 23, 2021. Post-remediation Site monitoring requirements were completed in accordance with the SMP and the findings were included in the PRR submitted in May 2023 (for the December 23, 2021 through April 25, 2023 period). Following NYSDEC's review of the PRR, it was determined that the installed passive SSDS was not required and is not considered an EC. The SMP was revised in June 2023 to remove all references to EC and was updated to only include ICs. A copy of the revised SMP approval letter is provided in Appendix A.

Ongoing Site management activities are being performed in accordance with the NYSDEC-approved SMP (revised June 2023). The revised SMP provides detailed descriptions of all procedures required to manage known and potential residual contamination. The purpose of this PRR is to document and certify that the Site's ICs have been implemented in accordance with the SMP and all relevant BCP requirements during this reporting period.

2.0 BACKGROUND

2.1 Site History

Historic reports indicated that former Lot 3 was developed historically as a gasoline station with a one-story lubrication office, and a used automotive sales lot between 1949 and 1969. Former Lot 1 was occupied by the Port Morris branch of the New York and Harlem Railroad from at least 1891. The railroad was abandoned circa 1999. Lots 1 and 3 remained vacant from approximately 1969 and 1999, respectively, until Site re-development under the BCP.

2.2 Site Redevelopment

The Site was redeveloped between 2021 and 2022 into a 9-story residential building with a cellar and an exterior courtyard, and contains 52 affordable multi-family units. The new building contains: a partial cellar including mechanical and maintenance rooms, a bicycle room, and storage; the ground floor contains a lobby, community facilities, a Superintendent's apartment, and a laundry room; and the floors above contain affordable housing units for seniors. Rooftop terraces and landscaped entrances to the building are set back from the Site boundaries along Hegney Place and Brook Avenue. A Site Plan showing the BCP Site boundary is provided as Figure 2.

2.3 Geology and Hydrogeology

The Site is located in the Melrose neighborhood of the Bronx, New York. Surface topography at the Site is generally level and the Site grade lies at an elevation of approximately 30 feet National Geodetic Vertical Datum (NGVD), an approximate of mean sea level (msl).

Based on the subsurface investigations conducted at the Site prior to redevelopment, subsurface materials consisted of up to 35 feet of historic fill (sand, silt, gravel, ash, wood, brick, asphalt, and concrete), underlain by apparent native sand with gravel. Presumed bedrock was encountered at 6 feet below ground surface (bgs) on historical Lot 1 and approximately 40 feet bgs beneath historical Lot 3. As part of Site remediation, excavation was conducted to a minimum depth of 15 feet bgs across the entire Site with additional excavation to 27 feet bgs within the southwest portion to remove petroleum contaminated source materials. Following the additional excavation to remove petroleum contaminated materials, NYSDEC-approved fill material was imported and used as backfill to bring the Site grade to the slab elevation.

Groundwater was encountered between approximately 22 to 24 feet bgs during the subsurface investigations. Groundwater in the Bronx is not used as a source of potable water.

2.4 Nature and Extent of Contamination Prior to Remediation

Based on the Remedial Investigation (RI) and Supplemental Remedial Investigation (SRI) conducted between October 2013 and October 2017, the Site was contaminated with: petroleum-related VOCs, chlorinated VOC (CVOC) 1,2-dichloroethane (1,2-DCA), SVOCs, and metals in soil and groundwater; and petroleum-related VOCs and CVOCs in soil vapor. The elevated levels of petroleum-related VOCs, naphthalene, CVOCs, and PCBs, elevated PID readings, petroleum staining, and odors were likely associated with the former use of the Site as a gasoline station and lubritorium. The greatest concentration of petroleum-related compounds were found in the southwestern portion of the Site. The SVOCs and metals in the soil were likely associated with the historic use as a railroad, a gasoline filling station, and subsequent demolition of the former gasoline station building.

Based on the elevated levels of petroleum-related VOCs in the soil and groundwater, a spill was reported to NYSDEC; spill number 1404448 was assigned to the Site.

3.0 SITE REMEDIATION

Site remediation was conducted in accordance with the NYSDEC-approved RAWP dated October 2018; the Decision Document dated October 2018; and the NYSDEC-approved Remedy Modifications dated May 7, 2020 (approved by NYSDEC on May 18, 2021) and September 3, 2021 (approved by NYSDEC on December 2, 2021), as documented in the December 2021 FER. Remedial activities included soil removal, cleaning and removal of 17 USTs, installation of a passive SSDS, and clean fill import, completed between January and August 2021. The Site achieved a Track 2 cleanup.

3.1 Contaminated Materials Removal

To achieve a Track 2 cleanup, excavation was conducted Site-wide to at least 15 feet bgs, with additional excavation to remove petroleum-contaminated source material to a depth of up to 27 feet bgs, as shown on Figure 3. The required in-situ pre-characterization sampling was conducted prior to disposal.

A total of 7,151.27 tons of non-hazardous soil/fill were excavated from the Site during the remedial action and transported for off-site disposal at the Soil Safe-Metro 12 Facility located at 300 Salt Meadow Road in Carteret, New Jersey. In addition, recycled concrete aggregates (RCA), construction and demolition debris (C&D), and materials associated with UST cleaning and removal were also removed from the Site. Material disposal details are provided in Table T1:

Table T1
Off-Site Material Disposal Summary

Waste Stream	Disposal Facility	Quantity Disposed	Disposal Dates*
Petroleum-contaminated water from USTs	Advanced Waste and Water Technology Farmingdale, NY	5,346 gallons	02/03/2021 – 02/08/2021
Petroleum-contaminated water from USTs	Clean Water of New York Staten Island, NY	175 gallons	02/08/2021
Petroleum-contaminated solids/sludge from USTs	Clean Water of New York Staten Island, NY	5 drums / 2,200 pounds	02/03/2021 – 03/15/2021
Petroleum-contaminated PPE/sorbent pads	Clean Water of New York Staten Island, NY	1 drum / 200 pounds	02/05/2021
Non-Hazardous Soil	Soil Safe's Metro 12 facility, Carteret, New Jersey	7,151.27 tons	03/10/2021 – 08/06/2021
RCA	Impact Reuse and Recovery Center (IRRC), Lyndhurst, New Jersey	1,326.74 tons	03/12/2021 – 04/15/2021
Granite Block	Impact Reuse and Recovery Center (IRRC), Lyndhurst, New Jersey	2,300 cubic yards	02/26/2021 – 05/11/2021
Cleaned USTs	Gershow Recycling, Freeport, New York	19,210 pounds	02/03/2021 – 03/15/2021
Note: *Disposal dates are the date the material left the Site.			

3.2 Documentation Sampling

In accordance with the NYSDEC-approved RAWP and NYSDEC DER-10 Section 5.4, 20 confirmatory documentation samples were collected to document remaining concentrations of contaminants of concern in soil/fill. A total of 20 post-excavation endpoint soil samples (EP-01 through EP-09 and EP-UST-01 through EP-UST-11) were collected from the proposed remedial depths (ranging from approximately 15 to 27 feet below grade), as shown on Figure 3. Of the 20 collected post-excavation endpoint soil samples, 9 were analyzed for the following: target compound list (TCL) VOCs by EPA Method 8260C; TCL SVOCs with 1,4-Dioxane by EPA Method 8270D; TCL pesticides by EPA Method 8081B; PCBs by EPA Method 9092A; herbicides by EPA Method 8151A; TAL Metals by EPA Method 6020B and 7471B; total cyanide by EPA Method 9012B; hexavalent chromium by EPA Method 7196A; and the NYSDEC list of 21 Per- and Polyfluoroalkyl Substances (PFAS) compounds by EPA Method 537 (modified). The analysis for the remaining 11 endpoint soil samples was limited to VOCs and SVOCs on the CP-51 analyte list in consultation with NYSDEC. Tables 1 through 6 summarize the results of documentation soil samples collected. A majority of the endpoint samples met the UUSCOs and RRSCOs, with no exceedances of the PGWSCOs reported for petroleum-related VOCs, which met the objective of the RAWP and RMRs. Exceedances of the UUSCOs and RRSCOs are provided below:

- EP-06_27_20210421 (collected at 25.7 feet bgs): Acetone was detected above UUSCOs [0.05 milligrams per kilogram (mg/kg)] at a concentration of 0.071 mg/kg. Acetone is a common laboratory contaminant and neither a contaminant of concern nor documented source for the Site.
- EP-07_23_20210507 (collected at 24.9 feet bgs): Mercury was detected above UUSCOs (0.18 mg/kg) and RRSCOs (0.81 mg/kg) at a concentration of 1.5 mg/kg. Mercury is neither a contaminant of concern nor documented source for the Site.
- EP-UST-06_27_20210421 (collected at 25.3 feet bgs): Acetone was detected above UUSCOs (0.05 mg/kg) at a concentration of 0.068 mg/kg. Acetone is a common laboratory contaminant and neither a contaminant of concern nor documented source for the Site.
- EP-UST-08_24_20210421 (collected at 24.6 feet bgs): Acetone was detected above UUSCOs (0.05 mg/kg) at a concentration of 0.17 mg/kg. Acetone is a common laboratory contaminant and neither a contaminant of concern nor documented source for the Site.
- EP-UST-10_15_20210806 (collected at 17.5 feet bgs): The following PAHs were detected above UUSCOs and RRSCOs: benzo[a]anthracene at 4.8 mg/kg; benzo[a]pyrene at 5.2 mg/kg; benzo[b]fluoranthene at 6.1 mg/kg; benzo[k]-fluoranthene at 5.5 mg/kg; chrysene at 4.6 mg/kg; dibenzo(a,h)anthracene at 1.4 mg/kg; and indeno[1,2,3-cd]pyrene at 1.2 mg/kg. Comparable concentrations were also reported in the duplicate sample EP-X-01_20210806.

While limited exceedances of the Track 2 RRSCOs were reported, the exceedances were not related to source material (i.e., petroleum-related VOCs) and were likely attributable to historic fill.

3.3 Import Soil Sample Analytical Results

Material was imported to the Site after NYSDEC approval to establish design grades. A summary of the imported material is included in Table T2.

Table T2
Import Materials Summary

Origin Facility	Material	Quantity (Tons)
New York City Department of Transportation (NYCDOT) Sunset Park Facility 8-29th Street, Brooklyn, New York	Recycled Concrete Aggregate (RCA)	5,880*
Stavola Construction Materials, Inc. Bound Brook Quarry 409 Chimney Rock Road, Bridgewater, New Jersey	ASTM #5	139.62
Stavola Construction Materials, Inc. Oldwick Rock Quarry 30 rockaway Road, Lebanon, New Jersey and Impact Environmental Impact Recover and Reuse Center (IRRC) 1000 Page Avenue, Lyndhurst, NJ	¾-Inch Clean Blue Stone	1,905.61
Note: * Quantity of material is approximate.		

Materials certifications (including tables summarizing chemical analytical results for backfill in comparison to allowable levels), NYSDEC approvals, and import manifests were included in the FER.

3.4 Passive Sub-Slab Depressurization System (SSDS)

As part of construction, a passive SSDS was installed beneath the new building foundation. The SSDS plan is shown on Figure 4. The SSDS consists of:

1. Two slotted Schedule 40 4-inch diameter pipes (denoted as R-1A and R-1B), connected to a 6-inch diameter galvanized steel vertical riser pipe (VR-1) and exhaust stack equipped with a wind turbine.
2. Five vapor monitoring points (VMPs, denoted as VMP-1 through VMP-5).

During construction, non-woven geotextile fabric overlain by a minimum 6-inch layer of ¾-inch gas-permeable aggregate (GPA) stone bedding was installed under, around, and above all SSDS piping, below the entire building slab. The installation of GPA in the treatment areas is expected to promote favorable subsurface conditions for ventilation of vapors. The five vacuum monitoring points were installed around the perimeter of the Site and in the sidewalk adjacent to the former source area. The SSDS was designed such that it could be converted and operated as an active system, if required.

3.5 Completion of Remediation Activities

Remedial activities at the Site were concluded in 2021. The Site was remediated to a Track 2 cleanup in accordance with the October 2018 NYSDEC-approved RAWP, and Remedy Modifications dated May 7, 2020 and September 3, 2021. As a condition of completing a Track 2 cleanup, long-term Site management requires the implementation of an SMP with ICs/ECs.

4.0 SITE MANAGEMENT REQUIREMENTS

4.1 Introduction

For additional details related to the nature and extent of contamination and the remedial cleanup, please refer to the appropriate sections of the FER and/or SMP. The Site management requirements set forth under the latest approved revised SMP (dated June 2023) for evaluating the performance and effectiveness of the remedy are summarized in Table T3 (referenced from the approved SMP) with an indication of the activities completed this reporting period.

Table T3
Monitoring/Inspection Requirement Summary

Monitoring Program	Frequency	Analysis	Completed this Period?
Site-Wide Inspection	Annually	Confirm Compliance with ICs	Yes

4.2 Monitoring Reporting Requirements

The Site management reporting requirements for evaluating the performance and effectiveness of the remedy at the Site are summarized in Table T4 (referenced from the SMP) with an indication of what was completed during this reporting period.

Table T4
Monitoring/Inspection Report Summary

Reporting Task	Reporting Frequency	Completed this Period?
Site-Wide Inspection	With the Periodic Review Report	**Yes**
Periodic Review Report	Annually	**Yes**

5.0 POST-REMEDIAL CONSTRUCTION ACTIVITIES

No post-remedial construction activities occurred at the Site from April 26, 2023 through April 23, 2024.

6.0 REMEDY PERFORMANCE EVAULATION AND MAINTENANCE

The SMP describes the measures for evaluating the performance and effectiveness of the ICs. A Site inspection was conducted in accordance with the SMP.

6.1 Site-Wide Inspection

On February 29, 2024, AKRF performed the annual Site-wide inspection to confirm compliance with the revised SMP. No corrective actions were recommended following the inspection. A photographic log for the Site is included as Appendix C.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The purpose of this PRR is to document the Site management activities and findings associated with the ICs, and to certify that these controls are being implemented in accordance with the NYSDEC-approved revised SMP. The IC/EC Certification Form is provided in Appendix D.

Based on the inspections and data summarized in this report, the following conclusions were developed:

- The IC/EC Certification Form for the Site was completed based on results from Site monitoring and inspections described in this report. The monitoring and inspection findings indicate that all ICs at the Site remain in place and effective.
- No corrective actions are required.

In summary, the remedy remains effective and protective of human health and the environment and remains in compliance with the requirements set forth in the revised SMP. Periodic inspections will continue to be performed in accordance with the revised SMP.

TABLES

Table 1
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Volatile Organic Compounds (VOCs)

		AKRF Sample ID	EP-01_20210226	EP-02_23_20210421	EP-03_23_20210421	EP-X01_23_20210421	EP-04_23_20210421
		Laboratory Sample ID	460-228859-1	460-232623-2	460-232623-1	460-232623-3	460-232623-4
		Date Sampled	2/26/2021	4/21/2021	4/21/2021	4/21/2021	4/21/2021
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
2-Hexanone	NS	NS	0.0059 U	0.006 U	0.0056 U	0.0053 U	0.0057 U
Acetone	**0.05**	100	0.0071 U	0.0072 U	0.013	0.031	0.0069 U
Benzene	0.06	4.8	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Bromochloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Bromodichloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Bromoform	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Bromomethane	NS	NS	0.0024 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U
Carbon Disulfide	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Chlorobenzene	1.1	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Chloroethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.0031	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Chloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Cyclohexane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Dibromochloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Ethylbenzene	1	41	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
M,P-Xylenes	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Methyl Acetate	NS	NS	0.0059 U	0.006 U	0.0056 U	0.0053 U	0.0057 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0059 U	0.006 U	0.0056 U	0.0053 U	0.0057 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0059 U	0.006 U	0.0056 U	0.0053 U	0.0057 U
Methylcyclohexane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Methylene Chloride	**0.05**	100	0.0024 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Styrene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Toluene	0.7	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Xylenes, Total	1.6	100	0.0024 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U

Table 1
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Volatile Organic Compounds (VOCs)

		AKRF Sample ID	EP-05_23_20210421	EP-06_27_20210421	EP-07_23_20210507	EP-08_23_20210507	EP-X02_23_20210507
		Laboratory Sample ID	460-232623-5	460-232623-6	460-233872-1	460-233872-2	460-233872-3
		Date Sampled	4/21/2021	4/21/2021	5/07/2021	5/07/2021	5/07/2021
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
2-Hexanone	NS	NS	0.0055 U	0.0056 U	0.0062 U	0.0056 U	0.0063 U
Acetone	**0.05**	100	0.0066 U	**0.071**	0.0075 U	0.022	0.036
Benzene	0.06	4.8	0.0011 U	0.0003 J	0.0012 U	0.0011 U	0.0013 U
Bromochloromethane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Bromodichloromethane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Bromoform	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Bromomethane	NS	NS	0.0022 U	0.0023 U	0.0025 U	0.0022 U	0.0025 U
Carbon Disulfide	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Chlorobenzene	1.1	100	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Chloroethane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Chloroform	0.37	49	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Chloromethane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Cyclohexane	NS	NS	0.0011 U	0.0017	0.0012 U	0.0011 U	0.0013 U
Dibromochloromethane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Ethylbenzene	1	41	0.0011 U	0.0016	0.0012 U	0.0011 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0015	0.0012 U	0.0011 U	0.0013 U
M,P-Xylenes	NS	NS	0.0011 U	0.0035	0.0012 U	0.00023 BJ	0.00025 BJ
Methyl Acetate	NS	NS	0.0055 U	0.0056 U	0.0062 U	0.0056 U	0.0063 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0055 U	0.017	0.0062 U	0.0056 U	0.0048 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0055 U	0.0056 U	0.0062 U	0.0056 U	0.0063 U
Methylcyclohexane	NS	NS	0.0011 U	0.0052	0.0012 U	0.0011 U	0.0013 U
Methylene Chloride	**0.05**	100	0.0022 U	0.0023 U	0.0025 U	0.0022 U	0.0025 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.0026	0.0012 U	0.0011 U	0.0013 U
Styrene	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 U	0.0011 U	0.00065 BJ	0.00045 BJ	0.00064 BJ
Toluene	0.7	100	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0003 BJ
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Xylenes, Total	1.6	100	0.0022 U	0.0061	0.0025 U	0.0022 U	0.0025 U

Table 1
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Volatile Organic Compounds (VOCs)

		AKRF Sample ID	EP-09_23_20210507	EP-UST-01_24_20210421	EP-UST-02_24_20210421	EP-UST-03_24_20210421	EP-UST-04_24_20210422
		Laboratory Sample ID	460-233872-4	460-232623-7	460-232623-8	460-232623-9	460-232735-1
		Date Sampled	5/07/2021	4/21/2021	4/21/2021	4/21/2021	4/22/2021
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.001 J
1,2-Dichloropropane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
2-Hexanone	NS	NS	0.006 U	0.0058 U	0.0054 U	0.0053 U	0.0054 U
Acetone	**0.05**	100	0.0088	0.007 U	0.0065 U	0.0063 U	0.033
Benzene	0.06	4.8	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.00059 J
Bromochloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Bromodichloromethane	NS	NS	0.0012 U	0.0003 J	0.0011 U	0.0011 U	0.0011 U
Bromoform	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Bromomethane	NS	NS	0.0024 U	0.0023 U	0.0022 U	0.0021 U	0.0022 U
Carbon Disulfide	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Chlorobenzene	1.1	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Chloroethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.0012 U	0.0021	0.0011 U	0.0011 U	0.0011 U
Chloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Cyclohexane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Dibromochloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Ethylbenzene	1	41	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
M,P-Xylenes	NS	NS	0.00024 BJ	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Methyl Acetate	NS	NS	0.006 U	0.0058 U	0.0054 U	0.0053 U	0.0054 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.006 U	0.0058 U	0.0054 U	0.0053 U	0.0093
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.006 U	0.0058 U	0.0054 U	0.0053 U	0.0054 U
Methylcyclohexane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.001 J
Methylene Chloride	**0.05**	100	0.0024 U	0.0023 U	0.0022 U	0.0021 U	0.0022 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Styrene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	0.00046 BJ	0.0012 U	0.0011 U	0.0011 U	0.00038 J
Toluene	0.7	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Xylenes, Total	1.6	100	0.0024 U	0.0023 U	0.0022 U	0.0021 U	0.0022 U

Table 1
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Volatile Organic Compounds (VOCs)

		AKRF Sample ID	EP-UST-05_27_20210422	EP-UST-06_27_20210421	EP-UST-07_27_20210422	EP-UST-08_24_20210421	EP-FB_02_20210507
		Laboratory Sample ID	460-232735-2	460-232623-13	460-232735-3	460-232623-11	460-233872-5
		Date Sampled	4/22/2021	4/21/2021	4/22/2021	4/21/2021	5/07/2021
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	µg/L
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
2-Hexanone	NS	NS	0.0057 U	0.0069 U	0.0062 U	0.0078 U	5 U
Acetone	**0.05**	100	0.0068 U	**0.068**	0.0074 U	**0.17**	5 U
Benzene	0.06	4.8	0.0011 U	0.03	0.0012 U	0.0012 J	1 U
Bromochloromethane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Bromodichloromethane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Bromoform	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Bromomethane	NS	NS	0.0023 U	0.0028 U	0.0025 U	0.0031 U	1 U
Carbon Disulfide	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0011 J	1 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Chlorobenzene	1.1	100	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Chloroethane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Chloroform	0.37	49	0.0011 U	0.0014 U	0.0013	0.0016 U	1 U
Chloromethane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Cyclohexane	NS	NS	0.00034 J	0.11	0.0012 U	0.01	1 U
Dibromochloromethane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Ethylbenzene	1	41	0.0011 U	0.052	0.0012 U	0.0087	1 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0028	0.0012 U	0.0027	1 U
M,P-Xylenes	NS	NS	0.00044 J	0.16	0.0012 U	0.015	1 U
Methyl Acetate	NS	NS	0.0057 U	0.0069 U	0.0062 U	0.0078 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0057 U	0.021	0.0062 U	0.053	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0057 U	0.0069 U	0.0062 U	0.0078 U	5 U
Methylcyclohexane	NS	NS	0.00073 J	0.058	0.0012 U	0.022	1 U
Methylene Chloride	**0.05**	100	0.0023 U	0.0028 U	0.0025 U	0.0031 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00022 J	0.056	0.0012 U	0.0063	1 U
Styrene	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 U	0.0014 U	0.00042 J	0.0016 U	1 U
Toluene	0.7	100	0.0011 U	0.024 B	0.0012 U	0.0005 BJ	1 U
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Trichloroethylene (TCE)	0.47	21	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.0014 U	0.0012 U	0.0016 U	1 U
Xylenes, Total	1.6	100	0.0023 U	0.22	0.0025 U	0.022	2 U

Table 1
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Volatile Organic Compounds (VOCs)

			AKRF Sample ID	EP-FB-01_20210421	EP-TB_02_20210507	EP-TB-01_20210421	TB_20210226
			Laboratory Sample ID	460-232623-14	460-233872-6	460-232623-15	460-228859-2
			Date Sampled	4/21/2021	5/07/2021	4/21/2021	3/18/2021
			Dilution Factor	1	1	1	1
			Unit	µg/L	µg/L	µg/L	µg/L
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100		1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS		1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS		1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS		1 U	1 U	1 U	1 U
1,1-Dichloroethane	0.27	26		1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100		1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS		1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS		1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS		1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1		1 U	1 U	1 U	1 U
1,2-Dichloropropane	NS	NS		1 U	1 U	1 U	1 U
2-Hexanone	NS	NS		5 U	5 U	5 U	5 U
Acetone	**0.05**	100		5 U	5 U	5 U	5 U
Benzene	0.06	4.8		1 U	1 U	1 U	1 U
Bromochloromethane	NS	NS		1 U	1 U	1 U	1 U
Bromodichloromethane	NS	NS		1 U	1 U	1 U	1 U
Bromoform	NS	NS		1 U	1 U	1 U	1 U
Bromomethane	NS	NS		1 U	1 U	1 U	1 UT
Carbon Disulfide	NS	NS		1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4		1 U	1 U	1 U	1 U
Chlorobenzene	1.1	100		1 U	1 U	1 U	1 U
Chloroethane	NS	NS		1 U	1 U	1 U	1 U
Chloroform	0.37	49		1 U	1 U	1 U	1 U
Chloromethane	NS	NS		1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100		1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS		1 U	1 U	1 U	1 U
Cyclohexane	NS	NS		1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS		1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NS	NS		1 U	1 U	1 U	1 U
Ethylbenzene	1	41		1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS		1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS		1 U	1 U	1 U	1 U
Methyl Acetate	NS	NS		5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100		5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS		5 U	5 U	5 U	5 U
Methylcyclohexane	NS	NS		1 U	1 U	1 U	1 U
Methylene Chloride	**0.05**	100		**0.35 J**	**3.2**	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS		1 U	1 U	1 U	1 U
Styrene	NS	NS		1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100		1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19		1 U	1 U	1 U	1 U
Toluene	0.7	100		1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100		1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS		1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21		1 U	1 U	1 U	1 U
Trichlorofluoromethane	NS	NS		1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9		1 U	1 U	1 U	1 U
Xylenes, Total	1.6	100		2 U	2 U	2 U	2 U

Table 2
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-01_20210226	EP-02_23_20210421	EP-03_23_20210421	EP-X01_23_20210421	EP-04_23_20210421
		Laboratory Sample ID	460-228859-1	460-232623-2	460-232623-1	460-232623-3	460-232623-4
		Date Sampled	2/26/2021	4/21/2021	4/21/2021	4/21/2021	4/21/2021
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.12 U	0.039 U	0.038 U	0.037 U	0.039 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
2,4,5-Trichlorophenol	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
2,4,6-Trichlorophenol	NS	NS	0.16 U	0.16 U	0.15 U	0.15 U	0.16 U
2,4-Dichlorophenol	NS	NS	0.16 U	0.16 U	0.15 U	0.15 U	0.16 U
2,4-Dimethylphenol	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
2,4-Dinitrophenol	NS	NS	0.32 U	0.31 U	0.31 U	0.3 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U	0.079 U
2,6-Dinitrotoluene	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U	0.079 U
2-Chloronaphthalene	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
2-Chlorophenol	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
2-Methylnaphthalene	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
2-Methylphenol (O-Cresol)	0.33	100	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
2-Nitroaniline	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
2-Nitrophenol	NS	NS	0.39 U	0.39 UT	0.38 UT	0.37 UT	0.39 UT
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.16 U	0.15 U	0.15 U	0.16 U
3-Nitroaniline	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.32 U	0.31 U	0.31 U	0.3 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
4-Chloro-3-Methylphenol	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
4-Chloroaniline	NS	NS	0.39 U	0.39 UT	0.38 UT	0.37 UT	0.39 UT
4-Chlorophenyl Phenyl Ether	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
4-Methylphenol (P-Cresol)	0.33	100	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
4-Nitroaniline	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
4-Nitrophenol	NS	NS	0.8 U	0.79 U	0.77 U	0.76 U	0.79 U
Acenaphthene	98	100	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Acenaphthylene	107	100	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Acetophenone	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Anthracene	1,000	100	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Atrazine	NS	NS	0.16 U	0.16 UT	0.15 UT	0.15 UT	0.16 UT
Benzaldehyde	NS	NS	0.39 U	0.39 UT	0.38 UT	0.37 UT	0.39 UT
Benzo(a)Anthracene	1	1	0.019 J	0.054	0.038 U	0.037 U	0.039 U
Benzo(a)Pyrene	22	1	0.013 J	0.065	0.038 U	0.037 U	0.039 U
Benzo(b)Fluoranthene	1.7	1	0.02 J	0.097	0.038 U	0.037 U	0.039 U
Benzo(g,h,i)Perylene	1,000	100	0.39 U	0.041 J	0.38 U	0.37 U	0.39 U
Benzo(k)Fluoranthene	1.7	3.9	0.0083 J	0.036 J	0.038 U	0.037 U	0.039 U
Benzyl Butyl Phthalate	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Biphenyl (Diphenyl)	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.039 U	0.039 U	0.038 U	0.037 U	0.039 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Caprolactam	NS	NS	0.39 U	0.39 UT	0.38 UT	0.37 UT	0.39 UT
Carbazole	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Chrysene	1	3.9	0.012 J	0.05 J	0.38 U	0.37 U	0.39 U
Dibenz(a,h)Anthracene	1,000	0.33	0.039 U	0.039 U	0.038 U	0.037 U	0.039 U
Dibenzofuran	210	59	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Diethyl Phthalate	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Dimethyl Phthalate	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Di-N-Butyl Phthalate	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Di-N-Octylphthalate	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Fluoranthene	1,000	100	0.39 U	0.08 J	0.38 U	0.37 U	0.39 U
Fluorene	386	100	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Hexachlorobenzene	3.2	1.2	0.039 U	0.039 U	0.038 U	0.037 U	0.039 U
Hexachlorobutadiene	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U	0.079 U
Hexachlorocyclopentadiene	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Hexachloroethane	NS	NS	0.039 U	0.039 U	0.038 U	0.037 U	0.039 U
Indeno(1,2,3-c,d)Pyrene	8.2	0.5	0.039 U	0.044	0.038 U	0.037 U	0.039 U
Isophorone	NS	NS	0.16 U	0.16 U	0.15 U	0.15 U	0.16 U
Naphthalene	12	100	0.0097 J	0.017 J	0.38 U	0.37 U	0.39 U
Nitrobenzene	NS	NS	0.039 U	0.039 U	0.038 U	0.037 U	0.039 U
N-Nitrosodi-N-Propylamine	NS	NS	0.039 U	0.039 U	0.038 U	0.037 U	0.039 U
N-Nitrosodiphenylamine	NS	NS	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Pentachlorophenol	0.8	6.7	0.32 U	0.31 U	0.31 U	0.3 U	0.31 U
Phenanthrene	1,000	100	0.0097 J	0.036 J	0.38 U	0.37 U	0.39 U
Phenol	0.33	100	0.39 U	0.39 U	0.38 U	0.37 U	0.39 U
Pyrene	1,000	100	0.39 U	0.078 J	0.38 U	0.37 U	0.39 U

Table 2
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-05_23_20210421	EP-06_27_20210421	EP-07_23_20210507	EP-08_23_20210507	EP-X02_23_20210507
		Laboratory Sample ID	460-232623-5	460-232623-6	460-233872-1	460-233872-2	460-233872-3
		Date Sampled	4/21/2021	4/21/2021	5/07/2021	5/07/2021	5/07/2021
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.039 U	0.038 U	0.039 U	0.039 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.16 U	0.15 U	0.16 U	0.16 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.16 U	0.15 U	0.16 U	0.16 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.32 U	0.31 U	0.31 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.08 U	0.077 U	0.078 U	0.079 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.08 U	0.077 U	0.078 U	0.079 U
2-Chloronaphthalene	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
2-Chlorophenol	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
2-Methylnaphthalene	NS	NS	0.36 U	0.39 U	0.035 J	0.021 J	0.018 J
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
2-Nitroaniline	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
2-Nitrophenol	NS	NS	0.36 UT	0.39 UT	0.38 U	0.39 U	0.39 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.16 U	0.15 U	0.16 U	0.16 U
3-Nitroaniline	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.32 U	0.31 U	0.31 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
4-Chloroaniline	NS	NS	0.36 UT	0.39 UT	0.38 U	0.39 U	0.39 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
4-Nitroaniline	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
4-Nitrophenol	NS	NS	0.74 U	0.8 U	0.77 U	0.78 U	0.79 U
Acenaphthene	98	100	0.36 U	0.39 U	0.056 J	0.025 J	0.018 J
Acenaphthylene	107	100	0.36 U	0.39 U	0.02 J	0.022 J	0.027 J
Acetophenone	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.087 J
Anthracene	1,000	100	0.36 U	0.39 U	0.088 J	0.068 J	0.051 J
Atrazine	NS	NS	0.15 UT	0.16 UT	0.15 U	0.16 U	0.16 U
Benzaldehyde	NS	NS	0.36 UT	0.39 UT	0.38 U	0.39 U	0.39 U
Benzo(a)Anthracene	1	1	0.036 U	0.039 U	0.23	0.18	0.15
Benzo(a)Pyrene	22	1	0.036 U	0.039 U	0.25	0.2	0.18
Benzo(b)Fluoranthene	1.7	1	0.036 U	0.039 U	0.31	0.25	0.25
Benzo(g,h,i)Perylene	1,000	100	0.36 U	0.39 U	0.13 J	0.11 J	0.1 J
Benzo(k)Fluoranthene	1.7	3.9	0.036 U	0.039 U	0.12	0.11	0.096
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.39 U	0.38 U	0.042 J	0.39 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.039 U	0.038 U	0.039 U	0.039 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.39 U	0.38 U	0.11 J	0.39 U
Caprolactam	NS	NS	0.36 UT	0.39 UT	0.38 U	0.39 U	0.39 U
Carbazole	NS	NS	0.36 U	0.39 U	0.036 J	0.031 J	0.018 J
Chrysene	1	3.9	0.36 U	0.39 U	0.25 J	0.19 J	0.17 J
Dibenz(a,h)Anthracene	1,000	0.33	0.036 U	0.039 U	0.047	0.045	0.034 J
Dibenzofuran	210	59	0.36 U	0.39 U	0.049 J	0.03 J	0.022 J
Diethyl Phthalate	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
Dimethyl Phthalate	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
Fluoranthene	1,000	100	0.36 U	0.39 U	0.47	0.31 J	0.28 J
Fluorene	386	100	0.36 U	0.39 U	0.049 J	0.03 J	0.024 J
Hexachlorobenzene	3.2	1.2	0.036 U	0.039 U	0.038 U	0.039 U	0.039 U
Hexachlorobutadiene	NS	NS	0.074 U	0.08 U	0.077 U	0.078 U	0.079 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
Hexachloroethane	NS	NS	0.036 U	0.039 U	0.038 U	0.039 U	0.039 U
Indeno(1,2,3-c,d)Pyrene	8.2	0.5	0.036 U	0.039 U	0.16	0.14	0.12
Isophorone	NS	NS	0.15 U	0.16 U	0.15 U	0.16 U	0.16 U
Naphthalene	12	100	0.36 U	0.39 U	0.068 J	0.033 J	0.032 J
Nitrobenzene	NS	NS	0.036 U	0.039 U	0.038 U	0.039 U	0.039 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.039 U	0.038 U	0.039 U	0.039 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
Pentachlorophenol	0.8	6.7	0.29 U	0.32 U	0.31 U	0.31 U	0.31 U
Phenanthrene	1,000	100	0.36 U	0.39 U	0.45	0.26 J	0.19 J
Phenol	0.33	100	0.36 U	0.39 U	0.38 U	0.39 U	0.39 U
Pyrene	1,000	100	0.36 U	0.39 U	0.48	0.32 J	0.27 J

Table 2
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-09_23_20210507	EP-UST-01_24_20210421	EP-UST-02_24_20210421	EP-UST-03_24_20210421	EP-UST-04_24_20210422
		Laboratory Sample ID	460-233872-4	460-232623-7	460-232623-8	460-232623-9	460-232735-1
		Date Sampled	5/07/2021	4/21/2021	4/21/2021	4/21/2021	4/22/2021
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.4 U	NR	NR	NR	NR
1,4-Dioxane (P-Dioxane)	0.1	13	0.04 U	NR	NR	NR	NR
2,3,4,6-Tetrachlorophenol	NS	NS	0.4 U	NR	NR	NR	NR
2,4,5-Trichlorophenol	NS	NS	0.4 U	NR	NR	NR	NR
2,4,6-Trichlorophenol	NS	NS	0.16 U	NR	NR	NR	NR
2,4-Dichlorophenol	NS	NS	0.16 U	NR	NR	NR	NR
2,4-Dimethylphenol	NS	NS	0.4 U	NR	NR	NR	NR
2,4-Dinitrophenol	NS	NS	0.32 U	NR	NR	NR	NR
2,4-Dinitrotoluene	NS	NS	0.081 U	NR	NR	NR	NR
2,6-Dinitrotoluene	NS	NS	0.081 U	NR	NR	NR	NR
2-Chloronaphthalene	NS	NS	0.4 U	NR	NR	NR	NR
2-Chlorophenol	NS	NS	0.4 U	NR	NR	NR	NR
2-Methylnaphthalene	NS	NS	0.021 J	NR	NR	NR	NR
2-Methylphenol (O-Cresol)	0.33	100	0.4 U	NR	NR	NR	NR
2-Nitroaniline	NS	NS	0.4 U	NR	NR	NR	NR
2-Nitrophenol	NS	NS	0.4 U	NR	NR	NR	NR
3,3'-Dichlorobenzidine	NS	NS	0.16 U	NR	NR	NR	NR
3-Nitroaniline	NS	NS	0.4 U	NR	NR	NR	NR
4,6-Dinitro-2-Methylphenol	NS	NS	0.32 U	NR	NR	NR	NR
4-Bromophenyl Phenyl Ether	NS	NS	0.4 U	NR	NR	NR	NR
4-Chloro-3-Methylphenol	NS	NS	0.4 U	NR	NR	NR	NR
4-Chloroaniline	NS	NS	0.4 U	NR	NR	NR	NR
4-Chlorophenyl Phenyl Ether	NS	NS	0.4 U	NR	NR	NR	NR
4-Methylphenol (P-Cresol)	0.33	100	0.4 U	NR	NR	NR	NR
4-Nitroaniline	NS	NS	0.4 U	NR	NR	NR	NR
4-Nitrophenol	NS	NS	0.81 U	NR	NR	NR	NR
Acenaphthene	98	100	0.015 J	0.37 U	0.39 U	0.4 U	0.42 U
Acenaphthylene	107	100	0.036 J	0.37 U	0.39 U	0.4 U	0.42 U
Acetophenone	NS	NS	0.4 U	NR	NR	NR	NR
Anthracene	1,000	100	0.043 J	0.37 U	0.39 U	0.4 U	0.42 U
Atrazine	NS	NS	0.16 U	NR	NR	NR	NR
Benzaldehyde	NS	NS	0.4 U	NR	NR	NR	NR
Benzo(a)Anthracene	1	1	0.15	0.053	0.015 J	0.04 U	0.045
Benzo(a)Pyrene	22	1	0.19	0.056	0.01 J	0.04 U	0.04 J
Benzo(b)Fluoranthene	1.7	1	0.26	0.072	0.015 J	0.04 U	0.049
Benzo(g,h,i)Perylene	1,000	100	0.11 J	0.03 J	0.39 U	0.4 U	0.42 U
Benzo(k)Fluoranthene	1.7	3.9	0.099	0.026 J	0.0081 J	0.04 U	0.019 J
Benzyl Butyl Phthalate	NS	NS	0.4 U	NR	NR	NR	NR
Biphenyl (Diphenyl)	NS	NS	0.4 U	NR	NR	NR	NR
Bis(2-Chloroethoxy) Methane	NS	NS	0.4 U	NR	NR	NR	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.04 U	NR	NR	NR	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	0.4 U	NR	NR	NR	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.028 J	NR	NR	NR	NR
Caprolactam	NS	NS	0.4 U	NR	NR	NR	NR
Carbazole	NS	NS	0.016 J	NR	NR	NR	NR
Chrysene	1	3.9	0.16 J	0.05 J	0.39 U	0.4 U	0.04 J
Dibenz(a,h)Anthracene	1,000	0.33	0.031 J	0.037 U	0.039 U	0.04 U	0.042 U
Dibenzofuran	210	59	0.027 J	NR	NR	NR	NR
Diethyl Phthalate	NS	NS	0.4 U	NR	NR	NR	NR
Dimethyl Phthalate	NS	NS	0.4 U	NR	NR	NR	NR
Di-N-Butyl Phthalate	NS	NS	0.4 U	NR	NR	NR	NR
Di-N-Octylphthalate	NS	NS	0.4 U	NR	NR	NR	NR
Fluoranthene	1,000	100	0.21 J	0.1 J	0.017 J	0.4 U	0.084 J
Fluorene	386	100	0.02 J	0.37 U	0.39 U	0.4 U	0.42 U
Hexachlorobenzene	3.2	1.2	0.04 U	NR	NR	NR	NR
Hexachlorobutadiene	NS	NS	0.081 U	NR	NR	NR	NR
Hexachlorocyclopentadiene	NS	NS	0.4 U	NR	NR	NR	NR
Hexachloroethane	NS	NS	0.04 U	NR	NR	NR	NR
Indeno(1,2,3-c,d)Pyrene	8.2	0.5	0.13	0.035 J	0.039 U	0.04 U	0.029 J
Isophorone	NS	NS	0.16 U	NR	NR	NR	NR
Naphthalene	12	100	0.037 J	0.37 U	0.39 U	0.4 U	0.026 J
Nitrobenzene	NS	NS	0.04 U	NR	NR	NR	NR
N-Nitrosodi-N-Propylamine	NS	NS	0.04 U	NR	NR	NR	NR
N-Nitrosodiphenylamine	NS	NS	0.4 U	NR	NR	NR	NR
Pentachlorophenol	0.8	6.7	0.32 U	NR	NR	NR	NR
Phenanthrene	1,000	100	0.12 J	0.094 J	0.013 J	0.4 U	0.07 J
Phenol	0.33	100	0.4 U	NR	NR	NR	NR
Pyrene	1,000	100	0.22 J	0.098 J	0.39 U	0.4 U	0.067 J

Table 2
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-UST-05_27_20210422	EP-UST-06_27_20210421	EP-UST-07_27_20210422	EP-UST-08_24_20210421
		Laboratory Sample ID	460-232735-2	460-232623-13	460-232735-3	460-232623-11
		Date Sampled	4/22/2021	4/21/2021	4/22/2021	4/21/2021
		Dilution Factor	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	NR	NR	NR
1,4-Dioxane (P-Dioxane)	0.1	13	NR	NR	NR	NR
2,3,4,6-Tetrachlorophenol	NS	NS	NR	NR	NR	NR
2,4,5-Trichlorophenol	NS	NS	NR	NR	NR	NR
2,4,6-Trichlorophenol	NS	NS	NR	NR	NR	NR
2,4-Dichlorophenol	NS	NS	NR	NR	NR	NR
2,4-Dimethylphenol	NS	NS	NR	NR	NR	NR
2,4-Dinitrophenol	NS	NS	NR	NR	NR	NR
2,4-Dinitrotoluene	NS	NS	NR	NR	NR	NR
2,6-Dinitrotoluene	NS	NS	NR	NR	NR	NR
2-Chloronaphthalene	NS	NS	NR	NR	NR	NR
2-Chlorophenol	NS	NS	NR	NR	NR	NR
2-Methylnaphthalene	NS	NS	NR	NR	NR	NR
2-Methylphenol (O-Cresol)	0.33	100	NR	NR	NR	NR
2-Nitroaniline	NS	NS	NR	NR	NR	NR
2-Nitrophenol	NS	NS	NR	NR	NR	NR
3,3'-Dichlorobenzidine	NS	NS	NR	NR	NR	NR
3-Nitroaniline	NS	NS	NR	NR	NR	NR
4,6-Dinitro-2-Methylphenol	NS	NS	NR	NR	NR	NR
4-Bromophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR
4-Chloro-3-Methylphenol	NS	NS	NR	NR	NR	NR
4-Chloroaniline	NS	NS	NR	NR	NR	NR
4-Chlorophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR
4-Methylphenol (P-Cresol)	0.33	100	NR	NR	NR	NR
4-Nitroaniline	NS	NS	NR	NR	NR	NR
4-Nitrophenol	NS	NS	NR	NR	NR	NR
Acenaphthene	98	100	0.42 U	0.42 U	0.4 U	0.44 U
Acenaphthylene	107	100	0.42 U	0.42 U	0.4 U	0.44 U
Acetophenone	NS	NS	NR	NR	NR	NR
Anthracene	1,000	100	0.42 U	0.42 U	0.4 U	0.44 U
Atrazine	NS	NS	NR	NR	NR	NR
Benzaldehyde	NS	NS	NR	NR	NR	NR
Benzo(a)Anthracene	1	1	0.042 U	0.018 J	0.026 J	0.044 U
Benzo(a)Pyrene	22	1	0.042 U	0.013 J	0.021 J	0.044 U
Benzo(b)Fluoranthene	1.7	1	0.042 U	0.013 J	0.024 J	0.044 U
Benzo(g,h,i)Perylene	1,000	100	0.42 U	0.42 U	0.4 U	0.44 U
Benzo(k)Fluoranthene	1.7	3.9	0.042 U	0.042 U	0.04 U	0.044 U
Benzyl Butyl Phthalate	NS	NS	NR	NR	NR	NR
Biphenyl (Diphenyl)	NS	NS	NR	NR	NR	NR
Bis(2-Chloroethoxy) Methane	NS	NS	NR	NR	NR	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	NR	NR	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	NR	NR	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	NR	NR	NR
Caprolactam	NS	NS	NR	NR	NR	NR
Carbazole	NS	NS	NR	NR	NR	NR
Chrysene	1	3.9	0.42 U	0.42 U	0.018 J	0.44 U
Dibenz(a,h)Anthracene	1,000	0.33	0.042 U	0.042 U	0.04 U	0.044 U
Dibenzofuran	210	59	NR	NR	NR	NR
Diethyl Phthalate	NS	NS	NR	NR	NR	NR
Dimethyl Phthalate	NS	NS	NR	NR	NR	NR
Di-N-Butyl Phthalate	NS	NS	NR	NR	NR	NR
Di-N-Octylphthalate	NS	NS	NR	NR	NR	NR
Fluoranthene	1,000	100	0.42 U	0.019 J	0.033 J	0.44 U
Fluorene	386	100	0.42 U	0.42 U	0.4 U	0.44 U
Hexachlorobenzene	3.2	1.2	NR	NR	NR	NR
Hexachlorobutadiene	NS	NS	NR	NR	NR	NR
Hexachlorocyclopentadiene	NS	NS	NR	NR	NR	NR
Hexachloroethane	NS	NS	NR	NR	NR	NR
Indeno(1,2,3-c,d)Pyrene	8.2	0.5	0.042 U	0.042 U	0.015 J	0.044 U
Isophorone	NS	NS	NR	NR	NR	NR
Naphthalene	12	100	0.42 U	0.015 J	0.4 U	0.12 J
Nitrobenzene	NS	NS	NR	NR	NR	NR
N-Nitrosodi-N-Propylamine	NS	NS	NR	NR	NR	NR
N-Nitrosodiphenylamine	NS	NS	NR	NR	NR	NR
Pentachlorophenol	0.8	6.7	NR	NR	NR	NR
Phenanthrene	1,000	100	0.42 U	0.02 J	0.015 J	0.44 U
Phenol	0.33	100	NR	NR	NR	NR
Pyrene	1,000	100	0.42 U	0.02 J	0.028 J	0.44 U

Table 2
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-FB_02_20210507	EP-FB-01_20210421
		Laboratory Sample ID	460-233872-5	460-232623-14
		Date Sampled	5/07/2021	4/21/2021
		Dilution Factor	1	1
		Unit	µg/L	µg/L
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	10 U	10 U
1,4-Dioxane (P-Dioxane)	0.1	13	10 U	10 U
2,3,4,6-Tetrachlorophenol	NS	NS	10 U	10 U
2,4,5-Trichlorophenol	NS	NS	10 U	10 U
2,4,6-Trichlorophenol	NS	NS	10 U	10 U
2,4-Dichlorophenol	NS	NS	10 U	10 U
2,4-Dimethylphenol	NS	NS	10 U	10 U
2,4-Dinitrophenol	NS	NS	20 U	30 U
2,4-Dinitrotoluene	NS	NS	2 U	2 U
2,6-Dinitrotoluene	NS	NS	2 U	2 U
2-Chloronaphthalene	NS	NS	10 U	10 U
2-Chlorophenol	NS	NS	10 U	10 U
2-Methylnaphthalene	NS	NS	10 U	10 U
2-Methylphenol (O-Cresol)	0.33	100	10 U	10 U
2-Nitroaniline	NS	NS	10 U	20 UT
2-Nitrophenol	NS	NS	10 U	10 U
3,3'-Dichlorobenzidine	NS	NS	10 U	20 U
3-Nitroaniline	NS	NS	10 U	20 U
4,6-Dinitro-2-Methylphenol	NS	NS	20 U	30 U
4-Bromophenyl Phenyl Ether	NS	NS	10 U	10 U
4-Chloro-3-Methylphenol	NS	NS	10 U	10 U
4-Chloroaniline	NS	NS	10 U	1 U
4-Chlorophenyl Phenyl Ether	NS	NS	10 U	10 U
4-Methylphenol (P-Cresol)	0.33	100	10 U	10 U
4-Nitroaniline	NS	NS	10 U	20 UT
4-Nitrophenol	NS	NS	20 U	30 U
Acenaphthene	98	100	10 U	10 U
Acenaphthylene	107	100	10 U	10 U
Acetophenone	NS	NS	10 U	10 U
Anthracene	1,000	100	10 U	10 U
Atrazine	NS	NS	2 U	10 UT
Benzaldehyde	NS	NS	10 U	10 UT
Benzo(a)Anthracene	1	1	1 U	1 U
Benzo(a)Pyrene	22	1	1 U	1 U
Benzo(b)Fluoranthene	1.7	1	2 U	2 U
Benzo(g,h,i)Perylene	1,000	100	10 U	10 U
Benzo(k)Fluoranthene	1.7	3.9	1 U	1 U
Benzyl Butyl Phthalate	NS	NS	10 U	10 U
Biphenyl (Diphenyl)	NS	NS	10 U	10 U
Bis(2-Chloroethoxy) Methane	NS	NS	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	1 U	1 U
Bis(2-Chloroisopropyl) Ether	NS	NS	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	2 U	10 U
Caprolactam	NS	NS	10 U	10 U
Carbazole	NS	NS	10 U	10 U
Chrysene	1	3.9	2 U	10 U
Dibenz(a,h)Anthracene	1,000	0.33	1 U	1 U
Dibenzofuran	210	59	10 U	10 U
Diethyl Phthalate	NS	NS	10 U	10 U
Dimethyl Phthalate	NS	NS	10 U	10 U
Di-N-Butyl Phthalate	NS	NS	10 U	10 UT
Di-N-Octylphthalate	NS	NS	10 U	10 U
Fluoranthene	1,000	100	10 U	10 U
Fluorene	386	100	10 U	10 U
Hexachlorobenzene	3.2	1.2	1 U	1 U
Hexachlorobutadiene	NS	NS	1 U	2 U
Hexachlorocyclopentadiene	NS	NS	10 U	10 U
Hexachloroethane	NS	NS	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	8.2	0.5	2 U	2 U
Isophorone	NS	NS	10 U	10 U
Naphthalene	12	100	2 U	2 U
Nitrobenzene	NS	NS	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	NS	1 U	1 U
N-Nitrosodiphenylamine	NS	NS	10 U	10 U
Pentachlorophenol	0.8	6.7	20 U	30 U
Phenanthrene	1,000	100	10 U	10 U
Phenol	0.33	100	10 U	10 U
Pyrene	1,000	100	10 U	10 U

Table 3
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Metals

		AKRF Sample ID	EP-01_20210226	EP-02_23_20210421	EP-03_23_20210421	EP-X01_23_20210421
		Laboratory Sample ID	460-228859-1	460-232623-2	460-232623-1	460-232623-3
		Date Sampled	2/26/2021	4/21/2021	4/21/2021	4/21/2021
		Dilution Factor	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	12,500	15,300	10,400	11,000
Antimony	NS	NS	1.2 U	1 U	0.85 U	0.89 U
Arsenic	16	16	2.6	2.9	1.7	2
Barium	820	400	108	45.8	46.7	40
Beryllium	47	72	0.59	0.56	0.37	0.38
Cadmium	7.5	4.3	1.2 U	1 U	0.85 U	0.89 U
Calcium	NS	NS	11,600	1,820	1,270	1,280
Chromium, Hexavalent	19	110	2.4 U	2.4 U	2.3 U	2.3 U
Chromium, Total	NS	NS	21.5	26.8	20.1	22.7
Cobalt	NS	NS	10.7	9	6.4	7
Copper	1,720	270	39.7	20.8	13.3	15.4
Cyanide	40	27	0.29 U	0.28 U	0.28 U	0.26 U
Iron	NS	NS	18,800	22,200	16,100	17,400
Lead	450	400	106	30.5	7.9	7.5
Magnesium	NS	NS	9,020	4,420	3,300	3,660
Manganese	2,000	2,000	371	324	234	246
Mercury	**0.73**	0.81	0.34	0.033	0.014 J	0.013 J
Nickel	130	310	19.5	17.3	13.8	14.3
Potassium	NS	NS	3,060	872	1,040	898
Selenium	4	180	0.3 J	0.3 J	0.14 J	0.12 J
Silver	8.3	180	1.2 U	1 U	0.85 U	0.89 U
Sodium	NS	NS	265	197	175	169
Thallium	NS	NS	0.19 J	0.15 J	0.12 J	0.11 J
Vanadium	NS	NS	29.9	36	25.8	27
Zinc	2,480	10,000	71.7	60	35	34.6

Table 3
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Metals

		AKRF Sample ID	EP-04_23_20210421	EP-05_23_20210421	EP-06_27_20210421	EP-07_23_20210507
		Laboratory Sample ID	460-232623-4	460-232623-5	460-232623-6	460-233872-1
		Date Sampled	4/21/2021	4/21/2021	4/21/2021	5/07/2021
		Dilution Factor	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	12,900	8,140	5,660	7,000
Antimony	NS	NS	0.93 U	0.14 J	0.93 U	0.39 J
Arsenic	16	16	2.2	1.8	0.77 J	2.2
Barium	820	400	59.8	29	145	83.3
Beryllium	47	72	0.53	0.28 J	0.21 J	0.3 J
Cadmium	7.5	4.3	0.93 U	0.81 U	0.11 J	0.18 J
Calcium	NS	NS	1,310	926	1,930	16,900
Chromium, Hexavalent	19	110	2.4 U	2.2 U	2.4 U	2.3 U
Chromium, Total	NS	NS	22.2	14.8	29.5	20.8
Cobalt	NS	NS	8.4	5.7	4.9	5.7
Copper	1,720	270	12.7	13.5	5.9	29
Cyanide	40	27	0.28 U	0.25 U	0.28 U	0.2 J
Iron	NS	NS	19,400	14,100	6,440	11,600
Lead	450	400	8.2	5.3	4.8	73.4
Magnesium	NS	NS	3,690	2,930	2,940	8,700
Manganese	2,000	2,000	359	277	80.6	196
Mercury	**0.73**	0.81	0.02	0.021	0.027	NR
Nickel	130	310	15.6	11.5	7.9	11.9
Potassium	NS	NS	840	800	441	1,530
Selenium	4	180	0.11 J	0.098 J	0.43 J	0.32 J
Silver	8.3	180	0.93 U	0.81 U	0.93 U	0.15 J
Sodium	NS	NS	232	115	164	295
Thallium	NS	NS	0.1 J	0.077 J	0.37 U	0.086 J
Vanadium	NS	NS	28.8	19.6	12.8	17.6
Zinc	2,480	10,000	48.3	27.7	35.6	82.7

Table 3
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Metals

		AKRF Sample ID	EP-07_23_20210507	EP-08_23_20210507	EP-X02_23_20210507	EP-09_23_20210507
		Laboratory Sample ID	460-233872-1	460-233872-2	460-233872-3	460-233872-4
		Date Sampled	5/07/2021	5/07/2021	5/07/2021	5/07/2021
		Dilution Factor	10	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	8,980	10,900	5,960
Antimony	NS	NS	NR	0.16 J	1.1 U	0.19 J
Arsenic	16	16	NR	2	1.7	2.6
Barium	820	400	NR	124	143	93.5
Beryllium	47	72	NR	0.37 J	0.44 J	0.24 J
Cadmium	7.5	4.3	NR	0.24 J	0.3 J	0.22 J
Calcium	NS	NS	NR	11,100	7,040	11,100
Chromium, Hexavalent	19	110	NR	2.4 U	2.4 U	2.4 U
Chromium, Total	NS	NS	NR	26.9	41.2	23.5
Cobalt	NS	NS	NR	7.3	9.1	5.3
Copper	1,720	270	NR	20.7	15.1	14.7
Cyanide	40	27	NR	0.25 U	0.26 U	0.14 J
Iron	NS	NS	NR	13,900	13,600	10,400
Lead	450	400	NR	102	36	58.3
Magnesium	NS	NS	NR	6,180	5,510	4,230
Manganese	2,000	2,000	NR	203	182	249
Mercury	**0.73**	0.81	**1.5**	0.18	0.4	0.079
Nickel	130	310	NR	15	18.3	10.6
Potassium	NS	NS	NR	1,110	861	592
Selenium	4	180	NR	0.82 J	0.82 J	1 J
Silver	8.3	180	NR	1.1 U	1.1 U	1.2 U
Sodium	NS	NS	NR	244	199	322
Thallium	NS	NS	NR	0.094 J	0.092 J	0.47 U
Vanadium	NS	NS	NR	24.9	28.4	23
Zinc	2,480	10,000	NR	99	96.6	61.4

Table 3
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Metals

		AKRF Sample ID	EP-FB_02_20210507	EP-FB-01_20210421
		Laboratory Sample ID	460-233872-5	460-232623-14
		Date Sampled	5/07/2021	4/21/2021
		Dilution Factor	1	1
		Unit	µg/L	µg/L
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q
Aluminum	NS	NS	40 U	40 U
Antimony	NS	NS	2 U	2 U
Arsenic	16	16	2 U	2 U
Barium	820	400	4 U	4 U
Beryllium	47	72	0.8 U	0.8 U
Cadmium	7.5	4.3	2 U	2 U
Calcium	NS	NS	500 U	500 U
Chromium, Hexavalent	19	110	10 U	10 U
Chromium, Total	NS	NS	4 U	4 U
Cobalt	NS	NS	4 U	4 U
Copper	1,720	270	4 U	4 U
Cyanide	40	27	10 U	10 U
Iron	NS	NS	120 U	120 U
Lead	450	400	1.2 U	1.2 U
Magnesium	NS	NS	200 U	200 U
Manganese	2,000	2,000	8 U	8 U
Mercury	**0.73**	0.81	0.2 U	0.2 U
Nickel	130	310	4 U	4 U
Potassium	NS	NS	200 U	200 U
Selenium	4	180	2.5 U	2.5 U
Silver	8.3	180	2 U	2 U
Sodium	NS	NS	500 U	500 U
Thallium	NS	NS	0.8 U	0.8 U
Vanadium	NS	NS	4 U	4 U
Zinc	2,480	10,000	16 U	16 U

Table 4
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-01_20210226	EP-02_23_20210421	EP-03_23_20210421	EP-X01_23_20210421
		Laboratory Sample ID	460-228859-1	460-232623-2	460-232623-1	460-232623-3
		Date Sampled	2/26/2021	4/21/2021	4/21/2021	4/21/2021
		Dilution Factor	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U
PCB-1221 (Aroclor 1221)	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U
PCB-1232 (Aroclor 1232)	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U
PCB-1242 (Aroclor 1242)	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U
PCB-1248 (Aroclor 1248)	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U
PCB-1254 (Aroclor 1254)	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U
PCB-1260 (Aroclor 1260)	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U
PCB-1262 (Aroclor 1262)	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U
PCB-1268 (Aroclor 1268)	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U
Total PCBs	3.2	1	0.08 U	0.079 U	0.077 U	0.076 U

Table 4
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-04_23_20210421	EP-05_23_20210421	EP-06_27_20210421	EP-07_23_20210507
		Laboratory Sample ID	460-232623-4	460-232623-5	460-232623-6	460-233872-1
		Date Sampled	4/21/2021	4/21/2021	4/21/2021	5/07/2021
		Dilution Factor	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.079 U	0.074 U	0.08 U	0.077 U
PCB-1221 (Aroclor 1221)	NS	NS	0.079 U	0.074 U	0.08 U	0.077 U
PCB-1232 (Aroclor 1232)	NS	NS	0.079 U	0.074 U	0.08 U	0.077 U
PCB-1242 (Aroclor 1242)	NS	NS	0.079 U	0.074 U	0.08 U	0.077 U
PCB-1248 (Aroclor 1248)	NS	NS	0.079 U	0.074 U	0.08 U	0.077 U
PCB-1254 (Aroclor 1254)	NS	NS	0.079 U	0.074 U	0.08 U	0.077 U
PCB-1260 (Aroclor 1260)	NS	NS	0.079 U	0.074 U	0.08 U	0.077 U
PCB-1262 (Aroclor 1262)	NS	NS	0.079 U	0.074 U	0.08 U	0.077 U
PCB-1268 (Aroclor 1268)	NS	NS	0.079 U	0.074 U	0.08 U	0.077 U
Total PCBs	3.2	1	0.079 U	0.074 U	0.08 U	0.077 U

Table 4
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Polychlorinated Biphenyls (PCBs)

			AKRF Sample ID	EP-08_23_20210507	EP-X02_23_20210507	EP-09_23_20210507
			Laboratory Sample ID	460-233872-2	460-233872-3	460-233872-4
			Date Sampled	5/07/2021	5/07/2021	5/07/2021
			Dilution Factor	1	1	1
			Unit	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS		0.078 U	0.079 U	0.081 U
PCB-1221 (Aroclor 1221)	NS	NS		0.078 U	0.079 U	0.081 U
PCB-1232 (Aroclor 1232)	NS	NS		0.078 U	0.079 U	0.081 U
PCB-1242 (Aroclor 1242)	NS	NS		0.078 U	0.079 U	0.081 U
PCB-1248 (Aroclor 1248)	NS	NS		0.078 U	0.079 U	0.081 U
PCB-1254 (Aroclor 1254)	NS	NS		0.078 U	0.079 U	0.081 U
PCB-1260 (Aroclor 1260)	NS	NS		0.078 U	0.079 U	0.081 U
PCB-1262 (Aroclor 1262)	NS	NS		0.078 U	0.079 U	0.081 U
PCB-1268 (Aroclor 1268)	NS	NS		0.078 U	0.079 U	0.081 U
Total PCBs	3.2	1		0.078 U	0.079 U	0.081 U

Table 4
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-FB_02_20210507	EP-FB-01_20210421
		Laboratory Sample ID	460-233872-5	460-232623-14
		Date Sampled	5/07/2021	4/21/2021
		Dilution Factor	1	1
		Unit	µg/L	µg/L
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	NS	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	NS	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	NS	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	NS	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	NS	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	NS	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	NS	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	NS	0.4 U	0.4 U
Total PCBs	3.2	1	0.4 U	0.4 U

Table 5
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Pesticides

		AKRF Sample ID	EP-01_20210226	EP-02_23_20210421	EP-03_23_20210421	EP-X01_23_20210421
		Laboratory Sample ID	460-228859-1	460-232623-2	460-232623-1	460-232623-3
		Date Sampled	2/26/2021	4/21/2021	4/21/2021	4/21/2021
		Dilution Factor	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.19	0.097	0.008 U	0.0079 U	0.0077 U	0.0076 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024 U	0.0024 U	0.0023 U	0.0023 U
Alpha Endosulfan	102	NS	0.008 U	0.0079 U	0.0077 U	0.0076 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.09	0.36	0.0024 U	0.0024 U	0.0023 U	0.0023 U
Beta Endosulfan	102	NS	0.008 U	0.0079 U	0.0077 U	0.0076 U
Delta BHC (Delta Hexachlorocyclohexane)	0.25	100	0.0024 U	0.0024 U	0.0023 U	0.0023 U
Dieldrin	0.1	0.2	0.0024 U	0.0024 U	0.0023 U	0.0023 U
Endosulfan Sulfate	1,000	NS	0.008 U	0.0079 U	0.0077 U	0.0076 U
Endosulfans ABS	NS	24	0 U	0 U	0 U	0 U
Endrin	0.06	11	0.008 U	0.0079 U	0.0077 U	0.0076 U
Endrin Aldehyde	NS	NS	0.008 U	0.0079 U	0.0077 U	0.0076 U
Endrin Ketone	NS	NS	0.008 U	0.0079 U	0.0077 U	0.0076 U
Gamma Bhc (Lindane)	0.1	1.3	0.0024 U	0.0024 U	0.0023 U	0.0023 U
Heptachlor	0.38	2.1	0.008 U	0.0079 U	0.0077 U	0.0076 U
Heptachlor Epoxide	NS	NS	0.008 U	0.0079 U	0.0077 U	0.0076 U
Methoxychlor	NS	NS	0.008 U	0.0079 U	0.0077 U	0.0076 U
P,P'-DDD	14	13	0.008 U	0.0079 U	0.0077 U	0.0076 U
P,P'-DDE	17	8.9	0.008 U	0.0079 U	0.0077 U	0.0076 U
P,P'-DDT	136	7.9	0.008 U	0.0079 U	0.0077 U	0.0076 U
Silvex (2,4,5-TP)	3.8	100	0.04 U	0.039 U	0.038 U	0.038 U
Toxaphene	NS	NS	0.08 U	0.079 U	0.077 U	0.076 U

Table 5
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Pesticides

		AKRF Sample ID	EP-04_23_20210421	EP-05_23_20210421	EP-06_27_20210421	EP-07_23_20210507
		Laboratory Sample ID	460-232623-4	460-232623-5	460-232623-6	460-233872-1
		Date Sampled	4/21/2021	4/21/2021	4/21/2021	5/07/2021
		Dilution Factor	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.19	0.097	0.0079 U	0.0074 U	0.008 U	0.0077 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0022 U	0.0024 U	0.0023 U
Alpha Endosulfan	102	NS	0.0079 U	0.0074 U	0.008 U	0.0077 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.09	0.36	0.0023 U	0.0022 U	0.0024 U	0.0023 U
Beta Endosulfan	102	NS	0.0079 U	0.0074 U	0.008 U	0.0077 U
Delta BHC (Delta Hexachlorocyclohexane)	0.25	100	0.0023 U	0.0022 U	0.0024 U	0.0023 U
Dieldrin	0.1	0.2	0.0023 U	0.0022 U	0.0024 U	0.0023 U
Endosulfan Sulfate	1,000	NS	0.0079 U	0.0074 U	0.008 U	0.0077 U
Endosulfans ABS	NS	24	0 U	0 U	0 U	0 U
Endrin	0.06	11	0.0079 U	0.0074 U	0.008 U	0.0077 U
Endrin Aldehyde	NS	NS	0.0079 U	0.0074 U	0.008 U	0.0077 U
Endrin Ketone	NS	NS	0.0079 U	0.0074 U	0.008 U	0.0077 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0022 U	0.0024 U	0.0023 U
Heptachlor	0.38	2.1	0.0079 U	0.0074 U	0.008 U	0.0077 U
Heptachlor Epoxide	NS	NS	0.0079 U	0.0074 U	0.008 U	0.0077 U
Methoxychlor	NS	NS	0.0079 U	0.0074 U	0.008 U	0.0077 U
P,P'-DDD	14	13	0.0079 U	0.0074 U	0.008 U	0.0077 U
P,P'-DDE	17	8.9	0.0079 U	0.0074 U	0.008 U	0.0077 U
P,P'-DDT	136	7.9	0.0079 U	0.0074 U	0.008 U	0.0077 U
Silvex (2,4,5-TP)	3.8	100	0.039 U	0.037 U	0.04 U	0.038 U
Toxaphene	NS	NS	0.079 U	0.074 U	0.08 U	0.077 U

Table 5
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Pesticides

		AKRF Sample ID	EP-08_23_20210507	EP-X02_23_20210507	EP-09_23_20210507
		Laboratory Sample ID	460-233872-2	460-233872-3	460-233872-4
		Date Sampled	5/07/2021	5/07/2021	5/07/2021
		Dilution Factor	1	1	1
		Unit	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q
Aldrin	0.19	0.097	0.0078 U	0.0079 U	0.0081 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0024 U	0.0024 U
Alpha Endosulfan	102	NS	0.0078 U	0.0079 U	0.0081 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.09	0.36	0.0023 U	0.0024 U	0.0024 U
Beta Endosulfan	102	NS	0.0078 U	0.0079 U	0.0081 U
Delta BHC (Delta Hexachlorocyclohexane)	0.25	100	0.0023 U	0.0024 U	0.0024 U
Dieldrin	0.1	0.2	0.0023 U	0.0024 U	0.0024 U
Endosulfan Sulfate	1,000	NS	0.0078 U	0.0079 U	0.0081 U
Endosulfans ABS	NS	24	0 U	0 U	0 U
Endrin	0.06	11	0.0078 U	0.0079 U	0.0081 U
Endrin Aldehyde	NS	NS	0.0078 U	0.0079 U	0.0081 U
Endrin Ketone	NS	NS	0.0078 U	0.0079 U	0.0081 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0024 U	0.0024 U
Heptachlor	0.38	2.1	0.0078 U	0.0079 U	0.0081 U
Heptachlor Epoxide	NS	NS	0.0078 U	0.0079 U	0.0081 U
Methoxychlor	NS	NS	0.0078 U	0.0079 U	0.0081 U
P,P'-DDD	14	13	0.0078 U	0.0079 U	0.0081 U
P,P'-DDE	17	8.9	0.0078 U	0.0079 U	0.0081 U
P,P'-DDT	136	7.9	0.0078 U	0.0079 U	0.0081 U
Silvex (2,4,5-TP)	3.8	100	0.039 U	0.039 U	0.041 U
Toxaphene	NS	NS	0.078 U	0.079 U	0.081 U

Table 5
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Pesticides

		AKRF Sample ID	EP-FB_02_20210507	EP-FB-01_20210421
		Laboratory Sample ID	460-233872-5	460-232623-14
		Date Sampled	5/07/2021	4/21/2021
		Dilution Factor	1	1
		Unit	µg/L	µg/L
Compound	**NYSDEC PGWSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q
Aldrin	0.19	0.097	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.02 U	0.02 U
Alpha Endosulfan	102	NS	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.09	0.36	0.02 U	0.02 U
Beta Endosulfan	102	NS	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.25	100	0.02 U	0.02 U
Dieldrin	0.1	0.2	0.02 U	0.02 U
Endosulfan Sulfate	1,000	NS	0.02 U	0.02 U
Endosulfans ABS	NS	24	0 U	0 U
Endrin	0.06	11	0.02 U	0.02 U
Endrin Aldehyde	NS	NS	0.02 U	0.02 U
Endrin Ketone	NS	NS	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.1	1.3	0.02 U	0.02 U
Heptachlor	0.38	2.1	0.02 U	0.02 U
Heptachlor Epoxide	NS	NS	0.02 U	0.02 U
Methoxychlor	NS	NS	0.02 U	0.02 U
P,P'-DDD	14	13	0.02 U	0.02 U
P,P'-DDE	17	8.9	0.02 U	0.02 U
P,P'-DDT	136	7.9	0.02 U	0.02 U
Silvex (2,4,5-TP)	3.8	100	1.2 U	1.2 U
Toxaphene	NS	NS	0.5 U	0.5 U

Table 6
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-01_20210226	EP-02_23_20210421	EP-03_23_20210421	EP-X01_23_20210421
		Laboratory Sample ID	460-228859-1	460-232539-1	460-232539-2	460-232539-3
		Date Sampled	2/26/2021	4/21/2021	4/21/2021	4/21/2021
		Dilution Factor	1	1	1	1
		Unit	µg/kg	µg/kg	µg/kg	µg/kg
Compound	**NYSDEC PGWGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.34 U	2.26 U	2.23 U	2.2 U
8:2 Fluorotelomer sulfonate	NS	NS	2.34 U	2.26 U	2.23 U	2.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.34 U	0.064 J	2.23 U	2.2 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.34 U	0.065 J	0.05 J	2.2 U
Perfluorobutanesulfonic acid	NS	NS	0.23 U	0.025 J	0.032 J	0.015 J
Perfluorobutanoic acid	NS	NS	0.29 J	0.56 U	0.56 U	0.55 U
Perfluorodecanesulfonic acid	NS	NS	0.23 U	0.025 J	0.22 U	0.22 U
Perfluorodecanoic acid	NS	NS	0.23 U	0.084 J	0.064 J	0.065 J
Perfluorododecanoic acid	NS	NS	0.23 U	0.024 J	0.22 U	0.22 U
Perfluoroheptanesulfonic acid	NS	NS	0.23 U	0.025 J	0.22 U	0.22 U
Perfluoroheptanoic acid	NS	NS	0.23 U	0.028 J	0.027 J	0.22 U
Perfluorohexanesulfonic acid	NS	NS	0.23 U	0.032 J	0.03 J	0.019 J
Perfluorohexanoic acid	NS	NS	0.23 U	0.035 J	0.034 J	0.028 J
Perfluorononanoic acid	NS	NS	0.23 U	0.038 J	0.042 J	0.045 J
Perfluorooctanesulfonic acid	3.7	44	0.096 J	1.66 B	0.92 B	0.9 B
Perfluorooctanoic acid	1.1	33	0.12 BJ	0.051 J	0.084 J	0.089 J
Perfluoropentanoic acid	NS	NS	0.23 U	0.056 J	0.22 U	0.22 U
Perfluorotetradecanoic acid	NS	NS	0.23 U	0.23 U	0.22 U	0.22 U
Perfluorotridecanoic acid	NS	NS	0.23 U	0.02 J	0.22 U	0.22 U
Perfluoroundecanoic acid	NS	NS	0.23 U	0.027 J	0.027 J	0.029 J
Perfluroroctanesulfonamide	NS	NS	0.23 U	0.037 J	0.22 U	0.22 U

Table 6
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-04_23_20210421	EP-05_23_20210421	EP-06_27_20210421	EP-07_23_20210507
		Laboratory Sample ID	460-232539-4	460-232539-5	460-232539-6	460-233934-1
		Date Sampled	4/21/2021	4/21/2021	4/21/2021	5/07/2021
		Dilution Factor	1	1	1	1
		Unit	µg/kg	µg/kg	µg/kg	µg/kg
Compound	**NYSDEC PGWGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.44 U	2.17 U	2.27 U	2.39 U
8:2 Fluorotelomer sulfonate	NS	NS	2.44 U	2.17 U	2.27 U	2.39 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.44 U	2.17 U	2.27 U	2.39 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.44 U	2.17 U	2.27 U	0.12 J
Perfluorobutanesulfonic acid	NS	NS	0.014 J	0.011 J	0.23 U	0.014 J
Perfluorobutanoic acid	NS	NS	0.61 U	0.54 U	0.57 U	0.6 U
Perfluorodecanesulfonic acid	NS	NS	0.24 U	0.22 U	0.23 U	0.063 J
Perfluorodecanoic acid	NS	NS	0.099 J	0.054 J	0.23 U	0.073 JT
Perfluorododecanoic acid	NS	NS	0.24 U	0.22 U	0.23 U	0.066 J
Perfluoroheptanesulfonic acid	NS	NS	0.24 U	0.22 U	0.23 U	0.24 U
Perfluoroheptanoic acid	NS	NS	0.037 J	0.1 J	0.23 U	0.037 J
Perfluorohexanesulfonic acid	NS	NS	0.023 J	0.022 J	0.017 J	0.045 J
Perfluorohexanoic acid	NS	NS	0.062 J	0.1 J	0.23 U	0.051 J
Perfluorononanoic acid	NS	NS	0.071 J	0.2 J	0.23 U	0.028 J
Perfluorooctanesulfonic acid	3.7	44	1.37 B	2.39 B	0.19 BJ	1.86 B
Perfluorooctanoic acid	1.1	33	0.14 J	0.45	0.23 U	0.17 J
Perfluoropentanoic acid	NS	NS	0.11 J	0.17 J	0.23 U	0.06 J
Perfluorotetradecanoic acid	NS	NS	0.24 U	0.22 U	0.23 U	0.24 U
Perfluorotridecanoic acid	NS	NS	0.24 U	0.22 U	0.23 U	0.24 U
Perfluoroundecanoic acid	NS	NS	0.026 J	0.22 U	0.23 U	0.062 J
Perfluroroctanesulfonamide	NS	NS	0.24 U	0.22 U	0.23 U	0.24 U

Table 6
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-08_23_20210507	EP-X02_23_20210507	EP-09_23_20210507
		Laboratory Sample ID	460-233934-2	460-233934-3	460-233934-4
		Date Sampled	5/07/2021	5/07/2021	5/07/2021
		Dilution Factor	1	1	1
		Unit	µg/kg	µg/kg	µg/kg
Compound	**NYSDEC PGWGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.39 U	2.37 U	2.64 U
8:2 Fluorotelomer sulfonate	NS	NS	2.39 U	2.37 U	2.64 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.39 U	2.37 U	2.64 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.39 U	2.37 U	2.64 U
Perfluorobutanesulfonic acid	NS	NS	0.018 J	0.029 J	0.26 U
Perfluorobutanoic acid	NS	NS	0.6 U	0.59 U	0.66 U
Perfluorodecanesulfonic acid	NS	NS	0.24 U	0.24 U	0.26 U
Perfluorodecanoic acid	NS	NS	0.034 JT	0.022 JT	0.11 JT
Perfluorododecanoic acid	NS	NS	0.24 U	0.24 U	0.26 U
Perfluoroheptanesulfonic acid	NS	NS	0.24 U	0.24 U	0.26 U
Perfluoroheptanoic acid	NS	NS	0.036 J	0.047 J	0.26 U
Perfluorohexanesulfonic acid	NS	NS	0.027 J	0.028 J	0.022 J
Perfluorohexanoic acid	NS	NS	0.043 J	0.053 J	0.26 U
Perfluorononanoic acid	NS	NS	0.029 J	0.033 J	0.07 J
Perfluorooctanesulfonic acid	3.7	44	0.65 B	0.8 B	1.17 B
Perfluorooctanoic acid	1.1	33	0.14 J	0.14 J	0.091 J
Perfluoropentanoic acid	NS	NS	0.057 J	0.07 J	0.26 U
Perfluorotetradecanoic acid	NS	NS	0.24 U	0.24 U	0.26 U
Perfluorotridecanoic acid	NS	NS	0.24 U	0.24 U	0.26 U
Perfluoroundecanoic acid	NS	NS	0.24 U	0.24 U	0.027 J
Perfluroroctanesulfonamide	NS	NS	0.24 U	0.24 U	0.26 U

Table 6
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-FB_02_20210507	EP-FB-01_20210421
		Laboratory Sample ID	460-233934-5	460-232539-7
		Date Sampled	5/07/2021	4/21/2021
		Dilution Factor	1	1
		Unit	ng/L	ng/L
Compound	**NYSDEC PGWGV**	**NYSDEC RRGV**	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	4.13 U	4.13 U
8:2 Fluorotelomer sulfonate	NS	NS	1.65 U	1.65 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	4.13 UT	4.13 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	4.13 U	4.13 U
Perfluorobutanesulfonic acid	NS	NS	1.65 U	1.65 U
Perfluorobutanoic acid	NS	NS	0.85 J	4.13 U
Perfluorodecanesulfonic acid	NS	NS	1.65 U	1.65 U
Perfluorodecanoic acid	NS	NS	1.65 U	1.65 U
Perfluorododecanoic acid	NS	NS	1.65 U	1.65 U
Perfluoroheptanesulfonic acid	NS	NS	1.65 U	1.65 U
Perfluoroheptanoic acid	NS	NS	1.65 U	1.65 U
Perfluorohexanesulfonic acid	NS	NS	1.65 U	1.65 U
Perfluorohexanoic acid	NS	NS	1.65 U	1.65 U
Perfluorononanoic acid	NS	NS	1.65 U	1.65 U
Perfluorooctanesulfonic acid	3.7	44	0.27 J	1.65 U
Perfluorooctanoic acid	1.1	33	1.65 U	1.65 U
Perfluoropentanoic acid	NS	NS	0.46 BJ	1.65 U
Perfluorotetradecanoic acid	NS	NS	1.65 U	1.65 U
Perfluorotridecanoic acid	NS	NS	1.65 U	1.65 U
Perfluoroundecanoic acid	NS	NS	1.65 U	1.65 U
Perfluroroctanesulfonamide	NS	NS	1.65 U	1.65 U

Tables 1-6
Brook 156
740 Brook Avenue, Bronx, NY
Soil Endpoint Analytical Results
Notes

DEFINITIONS

B : The analyte was found in an associated blank, as well as in the sample.

J : The concentration given is an estimated value.

NR : Not reported.

NS : No standard.

T : Indicates that a quality control parameter has exceeded laboratory limits.

U : The analyte was not detected at the indicated concentration.

mg/kg : milligrams per kilogram

µg/kg : micrograms per kilogram

µg/L : micrograms per liter

ng/L : nanograms per liter

STANDARDS

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

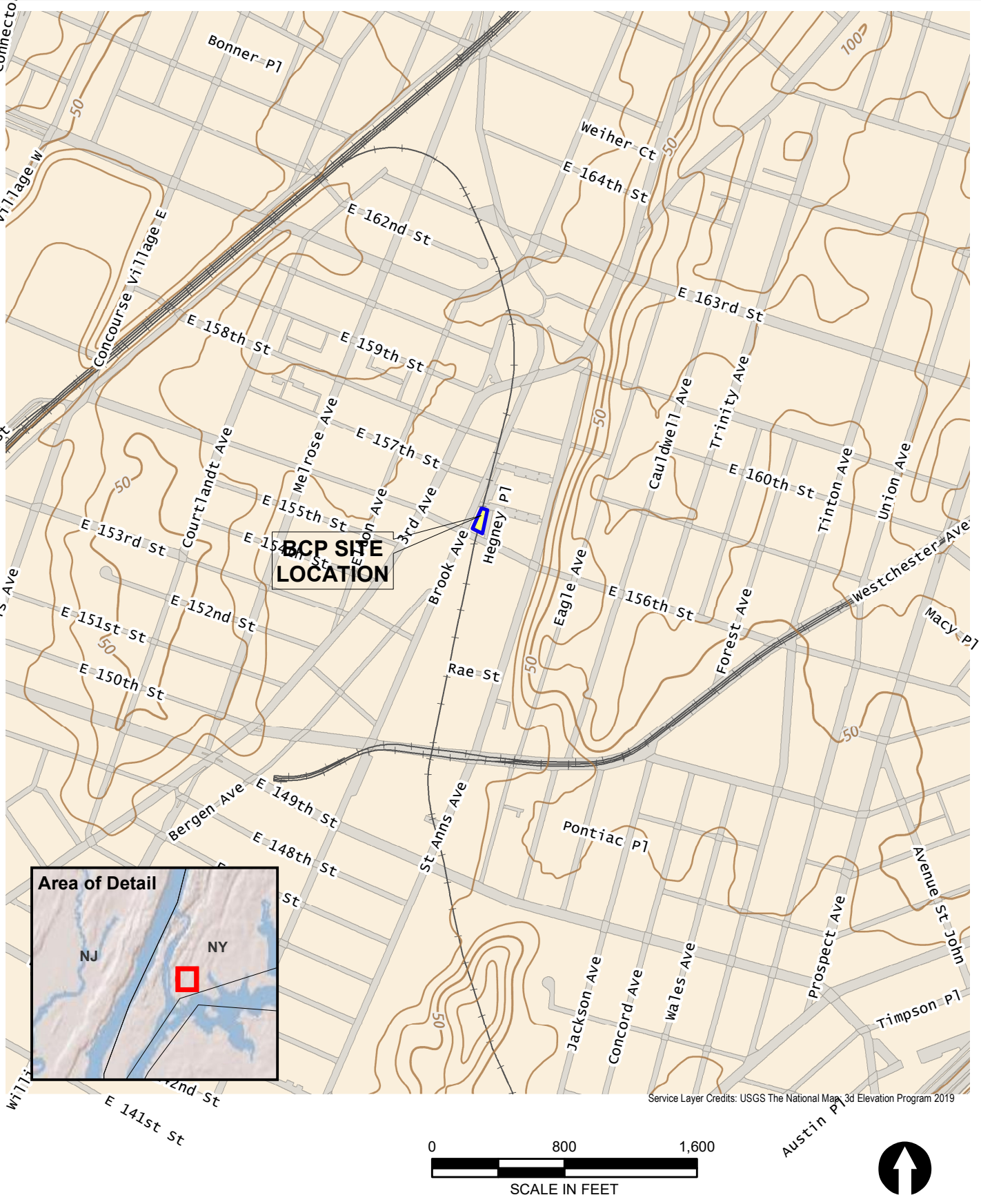
Note: Endosulfans ABS represents the detected sum of Endosulfan I, Endosulfan II, and Endosulfan Sulfate.

Exceedances of Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading.

NYSDEC Part 375 PFAS Guidance Values : New York State Department of Environmental Conservation (NYSDEC) Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Issued January 2021.

Exceedances of NYSDEC Protection of Groundwater Guidance Values (PGWGVs) are highlighted in bold font.
Exceedances of NYSDEC PFAS Restricted Residential Guidance Values (RRGVs) are highlighted in gray shading.

FIGURES



AKRF
440 Park Avenue South, New York, NY 10016

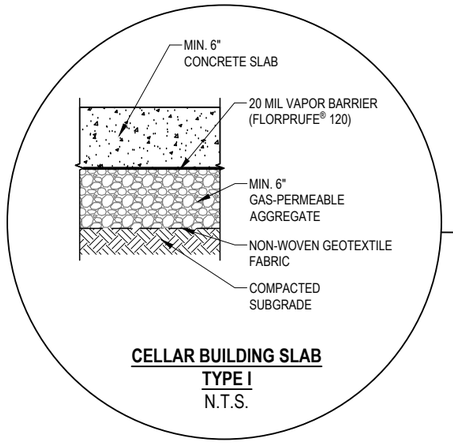
Brook 156
740 Brook Avenue
Bronx, New York

SITE LOCATION

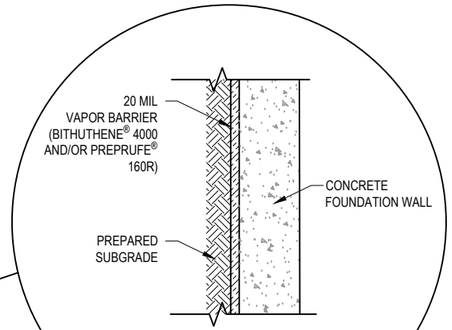
DATE
7/28/2021

PROJECT NO.
11703

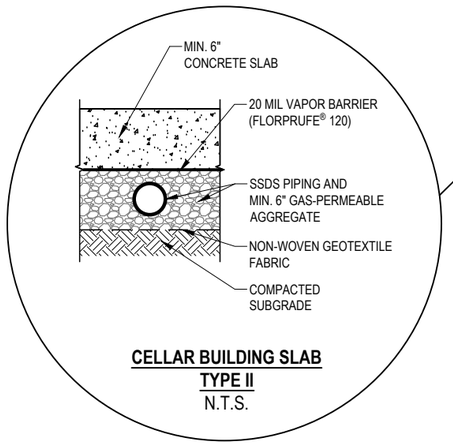
FIGURE
1



CELLAR BUILDING SLAB
TYPE I
N.T.S.



CONCRETE
FOUNDATION WALL (TYPICAL)
N.T.S.



CELLAR BUILDING SLAB
TYPE II
N.T.S.

LEGEND

- BCP SITE BOUNDARY
- 1 — TAX LOT BOUNDARY AND NUMBER
- 2360 — TAX BLOCK NUMBER
- LANDSCAPED AREAS
- CELLAR BUILDING SLAB

0 20 40
SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

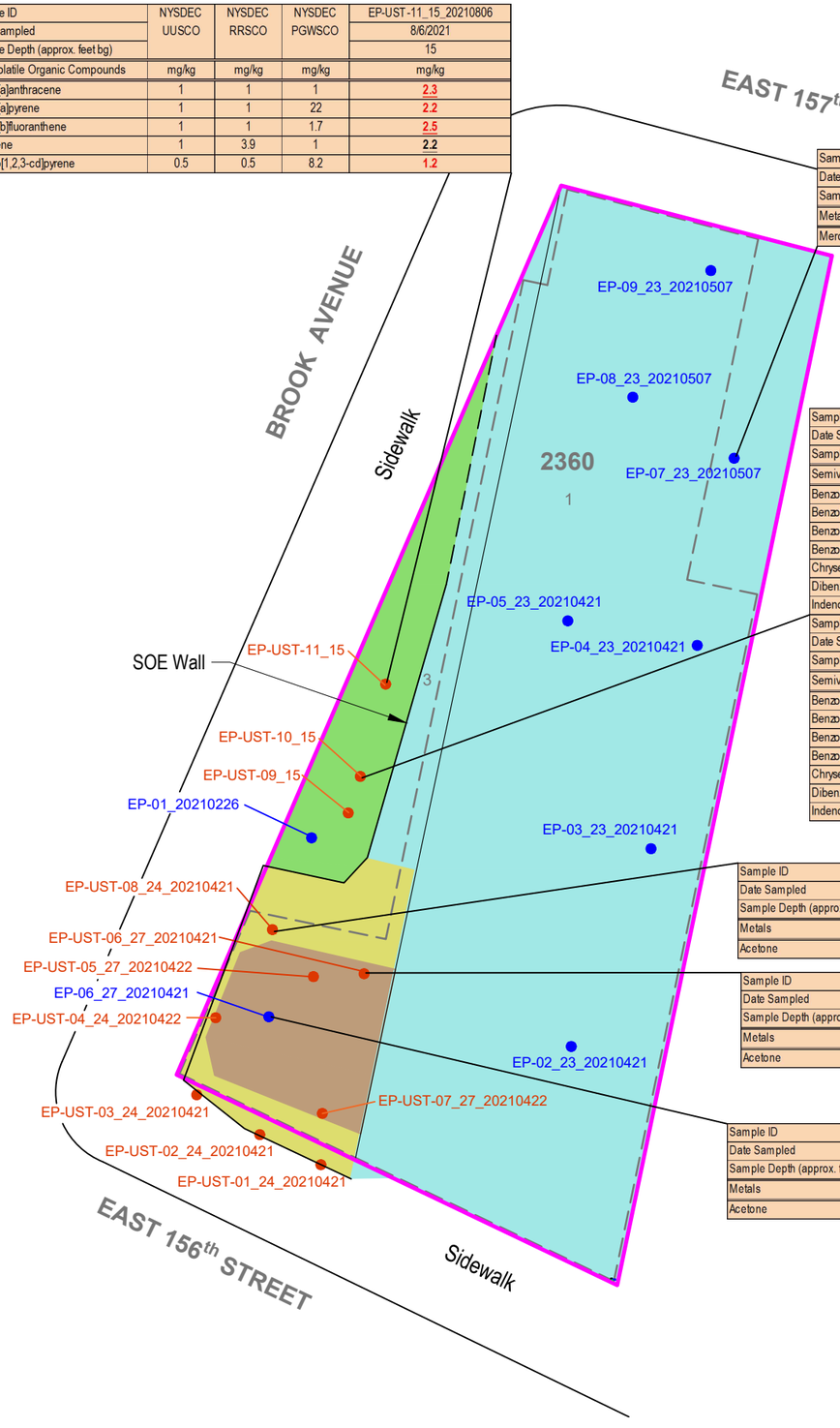
Brook 156
740 Brook Avenue
Bronx, New York

SITE PLAN

DATE
7/30/2021

PROJECT NO.
11703

FIGURE
2



Sample ID	NYSDEC UUSCO	NYSDEC RRSCO	NYSDEC PGWSCO	EP-UST-11_15_20210806
Date Sampled				8/6/2021
Sample Depth (approx. feet bg)				15
Semivolatile Organic Compounds	mg/kg	mg/kg	mg/kg	mg/kg
Benzo[a]anthracene	1	1	1	**2.3**
Benzo[a]pyrene	1	1	22	**2.2**
Benzo[b]fluoranthene	1	1	1.7	**2.5**
Chrysene	1	3.9	1	**2.2**
Indeno[1,2,3-cd]pyrene	0.5	0.5	8.2	**1.2**

Sample ID	NYSDEC UUSCO	NYSDEC RRSCO	NYSDEC PGWSCO	EP-07_23_20210507
Date Sampled				5/7/2021
Sample Depth (approx. feet bg)				23
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Mercury	0.18	0.81	0.73	**1.5**

Sample ID	NYSDEC UUSCO	NYSDEC RRSCO	NYSDEC PGWSCO	EP-UST-10_15_20210806
Date Sampled				8/6/2021
Sample Depth (approx. feet bg)				15
Semivolatile Organic Compounds	mg/kg	mg/kg	mg/kg	mg/kg
Benzo[a]anthracene	1	1	1	**4.8 D**
Benzo[a]pyrene	1	1	22	**5.2 D**
Benzo[b]fluoranthene	1	1	1.7	**6.1 D**
Benzo[k]fluoranthene	0.8	3.9	1.7	**5.5 J**
Chrysene	1	3.9	1	**4.6 D**
Dibenz(a,h)anthracene	0.33	0.33	1000	**1.4 J**
Indeno[1,2,3-cd]pyrene	0.5	0.5	8.2	**6.2**

Sample ID	NYSDEC UUSCO	NYSDEC RRSCO	NYSDEC PGWSCO	EP-X-01_20210806
Date Sampled				8/6/2021
Sample Depth (approx. feet bg)				15
Semivolatile Organic Compounds	mg/kg	mg/kg	mg/kg	mg/kg
Benzo[a]anthracene	1	1	1	**4.6**
Benzo[a]pyrene	1	1	22	**5.5**
Benzo[b]fluoranthene	1	1	1.7	**6.3**
Benzo[k]fluoranthene	0.8	3.9	1.7	**2.5 J**
Chrysene	1	3.9	1	**4.7**
Dibenz(a,h)anthracene	0.33	0.33	1000	**0.64 J**
Indeno[1,2,3-cd]pyrene	0.5	0.5	8.2	**3.1**

Sample ID	NYSDEC UUSCO	NYSDEC RRSCO	NYSDEC PGWSCO	EP-UST-08_24_20210421
Date Sampled				4/21/2021
Sample Depth (approx. feet bg)				24
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	0.05	100	0.05	**0.17**

Sample ID	NYSDEC UUSCO	NYSDEC RRSCO	NYSDEC PGWSCO	EP-UST-06_27_20210421
Date Sampled				4/21/2021
Sample Depth (approx. feet bg)				27
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	0.05	100	0.05	**0.068**

Sample ID	NYSDEC UUSCO	NYSDEC RRSCO	NYSDEC PGWSCO	EP-06_27_20210421
Date Sampled				4/21/2021
Sample Depth (approx. feet bg)				27
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	0.05	100	0.05	**0.071**

LEGEND

- APPROXIMATE BCP SITE BOUNDARY
- 1 — TAX LOT NUMBER
- 2360 — TAX BLOCK NUMBER
- BUILDING FOOTPRINT
- FINAL ENDPOINT SAMPLE LOCATION (FULL LIST)
- FINAL UST ENDPOINT SAMPLE LOCATION (VOCs/PAHs)
- REMEDIAL EXCAVATION COMPLETED TO 15 FEET BG
- REMEDIAL EXCAVATION COMPLETED TO 23 FEET BG
- REMEDIAL EXCAVATION COMPLETED TO 24 FEET BG
- REMEDIAL EXCAVATION COMPLETED TO 27 FEET BG

BG = BELOW GRADE

NOTE:
1. SOIL BORING LOCATIONS SURVEYED BY FEHRINGER SURVEYING.

Sample ID

Sample ID	NYSDEC UUSCO	NYSDEC RRSCO	NYSDEC PGWSCO	EP-UST-08_24_20210421
Date Sampled				4/21/2021
Sample Depth (approx. feet bg)				24
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	0.05	100	0.05	**0.17**

Sample Date

Analyte/Compound

Concentration

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives (SCOs) listed in New York State Department of Environmental Conservation (NYSDEC) Part 375 Regulations (6 NYCRR Part 375).

Exceedances of Unrestricted Use Soil Cleanup Objectives (UUSCOs) are indicated in bold font.
Exceedances the Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are indicated in red.
Exceedances of the Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) are underlined.

EP-X-01_20210806 is a blind duplicate of EP-UST-10_15_20210806.

mg/kg : milligrams per kilogram = parts per million (ppm)
D : Diluted Value
J : Estimated Concentration

SOURCE: FEHRINGER SURVEYING, PC DATED 4/22/2021, UPDATED 8/6/2021.

0 20 40
SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

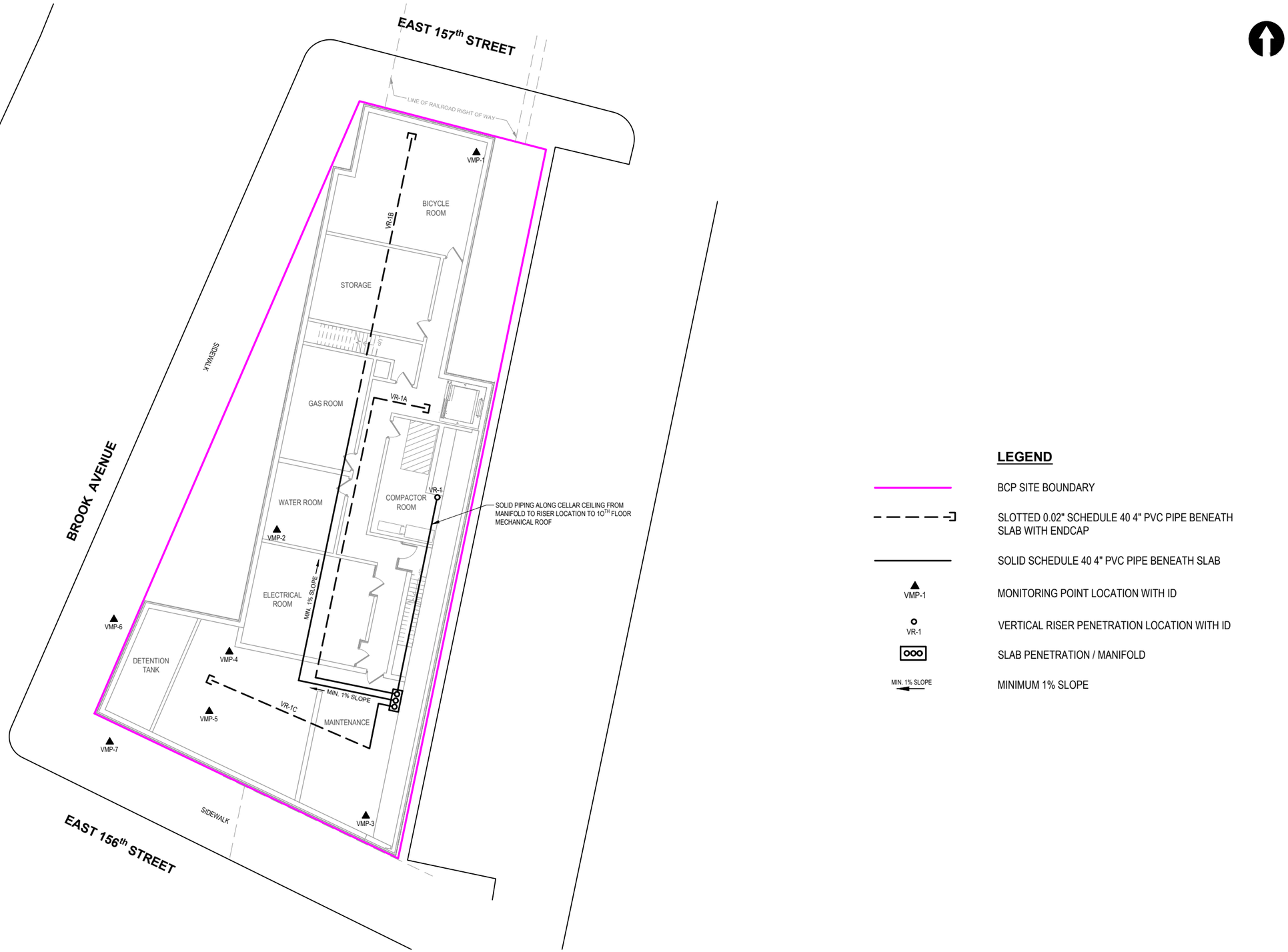
Brook 156
740 Brook Avenue
Bronx, New York

POST-EXCAVATION DOCUMENTATIOSAMPLE CONCENTRATIONS ABOVE UUSCOs and/or RRSCOs

DATE
12/20/2021

PROJECT NO.
11703

FIGURE
3



LEGEND

- BCP SITE BOUNDARY
- SLOTTED 0.02" SCHEDULE 40 4" PVC PIPE BENEATH SLAB WITH ENDCAP
- SOLID SCHEDULE 40 4" PVC PIPE BENEATH SLAB
- VMP-1 — MONITORING POINT LOCATION WITH ID
- VR-1 — VERTICAL RISER PENETRATION LOCATION WITH ID
- SLAB PENETRATION / MANIFOLD
- MIN. 1% SLOPE — MINIMUM 1% SLOPE

0 20 40
SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

Brook 156
740 Brook Avenue
Bronx, New York

PASSIVE SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) PLAN

DATE
7/30/2021

PROJECT NO.
11703

FIGURE
4

APPENDIX A
REVISED SITE MANAGEMENT PLAN (SMP) APPROVAL LETTER

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

July 3rd, 2023

Michael Wadman
Brook 156 Housing Development Fund Corporation
Brook 156 Associates, L.P.
c/o Phipps Houses
902 Broadway, 13th Floor
New York, NY 10010

Re: Brook 156
Brownfield Cleanup Program Site No. C203078
Site Management Plan

Dear Mr. Wadman:

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the updated Site Management Plan (SMP) dated June 2023 for the referenced site. The updated SMP was prepared by AKRF, Inc. (AKRF) on behalf of Brook 156 Housing Development Fund Corporation (HDFC) and the Brook 156 Associates, L.P. (collectively the Volunteer).

The SMP was updated to remove all references to Sub-Slab Depressurization System as a required Engineering Control. The updated SMP is deemed to be appropriate and is hereby approved.

If you have any questions or comments, please feel free to contact me at (718) 482-4078

Sincerely,

Manfred Magloire
Project Manager

ec: J. O'Connell, C. Maycock – NYSDEC
S. McLaughlin, S. Selmer – NYSDOH
M. Lapin, D. Shapiro, A. Sharma – AKRF, Inc.
M. Kelly – Brook 156 HDFC
W. Martin – NYCHPD

APPENDIX B
INSPECTION FORM

SITE-WIDE INSPECTION FORM
BROOK 156
740 BROOK AVENUE, BRONX, NEW YORK

Inspector: Drew Kawalek

Date: February 29, 2024

Site Use Restrictions

On-site vegetable gardens? **No on-site vegetable gardens observed.**

No groundwater withdrawal for potable/non-potable use**? No Groundwater withdrawal for potable/non-potable use observed.**

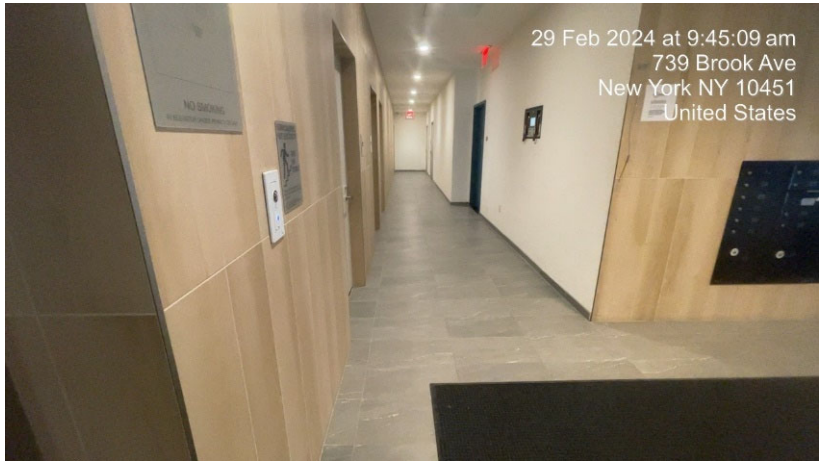
Restricted-residential use maintained? **Yes**.

Comments

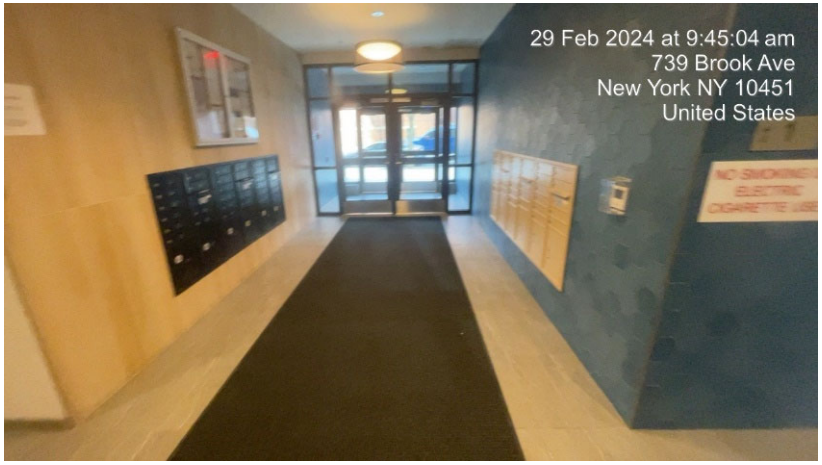
None.

APPENDIX C
PHOTOGRAPHIC LOG

Photograph 1: Exterior sitting area.



Photograph 2: Building interior hallway.



Photograph 3: Building entrance lobby.

Photograph 4: Basement hallway.

APPENDIX D
INSTITUTIONAL CONTROL AND ENGINEERING CONTROL (IC-EC) CERTIFICATION FORM

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

Site Details **Box 1**

Site No. C203078

Site Name Brook 156

Site Address: 740 BROOK AVENUE Zip Code: 10451
City/Town: Bronx
County: Bronx
Site Acreage: 0.164
Reporting Period: ~~April 23~~ April 26, 2023 to April 23, 2024

	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? Restricted-Residential, Commercial, and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

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

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

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C203078 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
2360-1	Brook 156 Housing Development Fund Corp	Ground Water Use Restriction Landuse Restriction Site Management Plan IC/EC Plan Soil Management Plan

The property may be used for: restricted residential; commercial, industrial;

All ECs must be operated and maintained as specified in this SMP;

All ECs must be inspected at a frequency and in a manner defined in the SMP.

The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the NYCDOH;

All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;

The potential for vapor intrusion must be evaluated for any buildings developed on the site.

Box 4

Description of Engineering Controls

None Required

Not Applicable/No EC's

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 Engineering Control certification;

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

YES	NO
☐	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☐	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

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

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C203078

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 Michael Wadman (print name) at 902 Broadway, 13th Floor, New York, NY, 10010 (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

5/7/2024
Date