85 JAY STREET

BROOKLYN, NEW YORK

Draft Remedial Investigation Report

AKRF Project Number: 12519
NYSDEC BCP Number: C224248

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LIST OF ACRONYMS

Acronym	Definition
µg/L	Microgram per Liter
µg/m^3	Microgram per Cubic Meter
AOC	Area of Concern
AGV	Air Guidance Value
AWQS	Ambient Water Quality Standard
BCP	Brownfield Cleanup Program
BN	Base Neutrals
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
COC	Contaminant of Concern
DER-10	New York State Department of Environmental Conservation Technical Guide 10
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Accreditation Program
EM	Electromagnetic
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
ESI	Environmental Site Investigation
eV	Electron Volt
GPR	Ground Penetrating Radar
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IDW	Investigation-Derived Waste
MDL	Method Detection Limit
mg/kg	Milligrams per Kilogram
MGP	Manufactured Gas Plant
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MTA	Metropolitan Transit Authority
NFRAP	No Further Remedial Action Planned
NGVD	National Geodetic Vertical Datum
NTU	Nephelometric Turbidity Unit
NYCRR	New York Codes, Rules, and Regulations
NYSDOH	New York State Department of Health
NYSDEC	New York State Department of Environmental Conservation
NYSDOT	New York State Department of Transportation
NYCDEP	New York City Department of Environmental Protection
OSHA	Occupational Safety and Health Administration

Acronym	Definition
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethylene
PE	Professional Engineer
PID	Photoionization Detector
PPM	Parts Per Million
PVC	Polyvinyl Chloride
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RL	Reporting Limit
RPD	Relative Percent Difference
RRSCO	Restricted Residential Soil Cleanup Objective
SCO	Soil Cleanup Objective
SDG	Sample Delivery Group
SVOC	Semivolatile Organic Compound
TAL	Total Analyte List
TCE	Trichloroethylene
TIC	Tentatively Identified Compounds
USCO	Unrestricted Use Soil Cleanup Objective
UST	Underground Storage Tank
VOC	Volatile Organic Compound

CERTIFICATION

I, Marc Godick, QEP, certify that I am currently a Qualified Environmental Professional, as defined in 6 NYCRR Part 375, and that this Draft Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DEC-approved work plans, work plan addenda, and any DEC-approved modifications.

Marc S. Godick, LEP

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

This Draft Remedial Investigation Report (RIR) provides information for the establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to Section 4 of New York State Department of Environmental Conservation Technical Guide 10 (DER-10) and subdivisions 375-1.8(f) and 375-3.8(c) to (g). The Remedial Investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The 85 Jay Street site (New York State Department of Environmental Conservation [NYSDEC] Brownfield Cleanup Program [BCP] Site No. C224248) is an approximately 135,000-square foot parcel in the Dumbo neighborhood of Brooklyn, New York (the Site). The legal definition of the Site is Brooklyn Tax Block 54, Lot 1. Lot 1 occupies the full tax block, but historically the block included Tax Lots 4, 12, 19, 22, and 38. The Site is bound by Front Street to the north, Bridge Street to the east, York Street to the south, and Jay Street and the below-ground Metropolitan Transit Authority (MTA) F train to the west. The surrounding area is developed primarily with residential, commercial, manufacturing, transportation, and industrial uses. The Site currently consists of a private parking lot enclosed in fencing. A Site Location Map is provided as Figure 1 and a Site Plan is provided as Figure 2.

Summary of Past Site Uses and Areas of Concern (AOCs)

Historic records indicate that the Site was developed with industrial and manufacturing uses by at least 1887. The Bradley White Lead Company and/or Lenox Smelting historically occupied the Site between 1887 and 1989. Additionally, an electrical substation occupied the western portion of the Site from circa 1904 to 1950. A brewery, a paper goods company, and an electrical repair company also historically occupied the Site. The buildings were subsequently demolished by at least 1996 and the Site has since been used as a private parking lot and for construction materials storage.

The following were considered AOCs for the RI:

- The Site and surrounding area's historical industrial and manufacturing uses.
- Elevated concentrations of polycyclic aromatic hydrocarbon (PAHs) and lead detected in soil across the Site during a 2004 Phase II Investigation and 2016 Supplemental Phase II Investigation also conducted by AKRF. The dissolved metals lead, thallium, and selenium were also detected in groundwater samples beneath the northern and southwestern portions of the Site during the 2004 Phase II Investigation.
- Elevated total polychlorinated biphenyl (PCB) concentrations detected in the western and central portions of the Site during the 2004 Phase II Investigation.
- Elevated concentrations of petroleum-related volatile organic compounds (VOCs) detected in groundwater on the northern and central portions of the Site during the 2004 Phase II Investigation.
- Elevated tetrachloroethene (PCE) concentration detected in groundwater beneath the southwestern corner of the Site during the 2004 Phase II Investigation.
- A concrete pad with four steel plates on the southern perimeter of the Site, which may be associated with the presence or historical presence of underground storage tanks (USTs).

Summary of the Work Performed under the RI

The RI included the following scope of work:

1. Conducted a geophysical survey and utility mark-outs across accessible portions of the Site;
2. Installed 60 soil borings across the Site and collected 347 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed seven temporary, 1-inch diameter groundwater wells and collected seven groundwater samples for chemical analysis from the temporary wells to evaluate groundwater quality; and
4. Installed seven temporary soil vapor probes across the Site and collected seven soil vapor samples and one ambient air sample for chemical analysis.

Summary of Hydrogeologic Findings

The following geologic and hydrogeologic conditions were noted by the investigation for the Site:

1. Surface topography at the Site slopes downward toward the northwest, resulting in an approximately 20-foot grade change across the Site. Based on reports compiled by the U.S. Geological Survey (Brooklyn Quadrangle), the Site lies at an elevation of approximately 30 to 40 feet above the National Geodetic Vertical Datum (NGVD) of 1988 (an approximation of sea level).
2. Groundwater was encountered during the investigation at depths ranging from approximately 24.0 to 39.9 feet below grade (bgs) in temporary groundwater wells on the western and eastern portions of the Site, respectively.
3. Based on the groundwater depth measurements, groundwater is expected to flow in a westerly direction beneath the Site and surrounding area, toward the East River.
4. The stratigraphy of the Site, from the surface down, generally consisted of fill comprising sand, silt, gravel, cinders, concrete, and brick up to approximately 15 feet bgs, underlain by apparent native sand with varying amounts of gravel and silt up to the maximum boring termination depth of 40 feet bgs.
5. Bedrock was not encountered during the RI.

Summary of Environmental Findings

1. No VOCs were detected at concentrations above their respective Unrestricted Use Soil Cleanup Objectives (USCOs) or Restricted Residential Soil Cleanup Objectives (RRSCOs). Eleven semivolatile organic compounds (SVOCs), all PAHs, were detected in numerous soil samples above RRSCOs, with individual concentrations up to 370 milligrams per kilogram (mg/kg). All maximum concentrations were detected in soil sample SSB-J3 (8-10). Six metals [arsenic (max. concentration 22.2 mg/kg), barium (max. concentration 2,210 mg/kg), cadmium (max. concentration 48.9 mg/kg), copper (max. concentration 336 mg/kg), lead (max. concentration 27,100 mg/kg), and mercury (max. concentration 7.7 mg/kg)] were detected above RRSCOs, generally at depths at or above 15 feet below grade. No PCBs were detected in the soil samples above laboratory reporting limits.
2. The VOC chloroform was detected in two groundwater samples (TW-6 and TW-7) at concentrations of 10 micrograms per liter (µg/L) and 18 µg/L, above its Ambient Water Quality Standard (AWQS) of 7 µg/L. The chlorinated solvents PCE and trichloroethene (TCE) were also detected in the groundwater samples, but below their respective AWQS. Two SVOCs were detected in groundwater samples at concentration below their respective AWQS. Five metals (lead, magnesium, selenium, manganese, and sodium) were detected in at least one of the filtered groundwater samples (dissolved

analyses) at concentrations exceeding their AWQSs. No PCBs were detected in groundwater above laboratory reporting limits.

3. VOCs associated with petroleum were detected in soil vapor at individual concentrations up to 1,200 micrograms per cubic meter ($\mu g/m^3$). Chlorinated solvent-related VOCs were detected at individual concentrations of up 290 $\mu g/m^3$. TCE was detected in each of the soil vapor samples (SV-1 through SV-7) at concentrations ranging from 4.9 to 290 $\mu g/m^3$, all of which are above the AGV of 2 $\mu g/m^3$. PCE was detected in five of the seven soil vapor samples at concentrations ranging between 11 $\mu g/m^3$ and 88 $\mu g/m^3$, and above its AGV of 30 $\mu g/m^3$ in four soil vapor samples (SV-1, SV-2, SV-3, and SV-4).

Based on an evaluation of the data and information from this investigation, there is contaminated soil, groundwater, and soil vapor present at the Site that is likely attributable to historic Site and surrounding property usage, including industrial/manufacturing operations. The presence of metals in shallow fill and groundwater and the elevated detections of PAHs in soil are most likely attributable to historic filling and/or historic operations at the Site and surrounding area. The presence of petroleum-related compounds in soil vapor may be related to the historic Site operations or surrounding area usage. The presence of the chlorinated solvent-related compounds TCE and PCE (in soil vapor) and chloroform (in groundwater) may be related to the historic operations at the Site, but may also be attributable to off-site sources, given the relative (low) concentrations of VOCs in groundwater.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

This Draft Remedial Investigation Report (RIR) summarizes the investigation work performed in April 2017. The goal of the remedial investigation (RI) was to delineate the extent of contamination identified during AKRF's March 2004 Phase II Environmental Site Investigation (ESI) and October 2016 Supplemental Phase II ESI. The RI was conducted in accordance with AKRF's March 2017 New York State Department of Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), Health and Safety Plan (HASP), and Quality Assurance Project Plan (QAPP).

1.1 Site Location and Current Usage

The 85 Jay Street site [NYSDEC Brownfield Cleanup Program (BCP) Site No. C224248] is an approximately 135,000-square foot parcel located in the Dumbo neighborhood of Brooklyn and is identified as Brooklyn Tax Block 54, Lot 1. Lot 1 occupies the full tax block, but historically the block included Tax Lots 4, 12, 19, 22, and 38. Currently, the Site consists of a gravel-covered private parking lot enclosed in fencing. The Site location is shown on Figure 1 and a Site Plan is provided as Figure 2.

1.2 Description of Surrounding Property

The Site is abutted to the north by Front Street, to the east by Bridge Street, to the south by York Street, and to the west by Jay Street and F link Metropolitan Transit Authority (MTA) F train subway tracks. The surrounding area is developed with residential, commercial, manufacturing, and industrial uses.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Historic records indicate that the Site was developed with industrial and manufacturing uses by at least 1887. The Bradley White Lead Company and/or Lenox Smelting historically occupied the Site between 1887 and 1989. Additionally, an electrical substation occupied the western portion of the Site from circa 1904 to 1950. A brewery, a paper goods company, and an electrical repair company also historically occupied the Site. Demolition of the former Site buildings was completed sometime before 1996, at which point the Site was used as a private parking lot and for construction materials storage.

Past owners of the Site or portions of the Site include: NL Industries (formerly known as National Lead Corporation) prior to 1979 to 1989; Associated Lead, Inc. from 1979 to 1985; The City of New York and S & S X-Ray Products, Inc. prior to 1980; Vinegar Hill Realty Corp. from 1980 to 1981, Charles A. Pfahl III and Charlotte M. Pfahl from 1981 to 1985; Bernard Doyle, Marisa Santangeli, Judy Krupka, and Carl Galioto from 1985 to 1986; P.S. 7 Housing Associates from 1986 to 1989; Watchtower Bible and Tract Society of New York, Inc. from 1986 to 2016; Esselte Pendaflex Corporation (as Successor by merger to Boerum & Pease Company) prior to 1989; Robert H. Lewis from 1989 to 1993; and 85 Jay Street (Brooklyn), LLC from 2016 to present.

2.2 Previous Environmental Reports

Phase I Environmental Site Assessment – 85 Jay Street, Brooklyn, New York, AKRF, November 2002.

AKRF performed a Phase I Environmental Site Assessment (ESA) in November 2002 in accordance with ASTM Standard E1527-00, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*, which was the standard at the time. Assessment findings included:

- Historical Sanborn maps identified an over 100-year history of industrial and manufacturing uses at the Site, including a lead works from circa 1887 to 1989, an electrical substation on the western portion of the Site from at least 1904 to 1950, and a smelting company, a brewery, a paper goods factory, and an electrical repair company.
- The Site was reported to be listed on the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) with two sites (Bradley White Lead Company and Lenox Smelting) investigated simultaneously. Both facilities were listed as No Further Remedial Investigation Planned (NFRAP) after the initial investigation from 1981 to 1987. Nonetheless, the Site may have been impacted by these operations. Although the Phase I ESA identified CERCLIS listings for the Site, an updated database search conducted in 2016 indicated this may have been an erroneous reporting.
- The surrounding area was historically occupied by manufacturing and industrial uses, including a manufactured gas plant (MGP) on the east-adjacent block from circa 1887 to sometime between 1938 and 1950 and a thermoplastic company on the south-adjacent block that was listed in the CERCLIS database with NFRAP status.
- A concrete pad with four steel plates was observed on the southern perimeter of the Site during reconnaissance, which may be associated with the presence or historical presence of underground storage tanks (USTs).

Based on their findings, AKRF recommended conducting a subsurface investigation to determine if soil and/or groundwater contamination was present at the Site.

Phase II Environmental Investigation Report – 85 Jay Street, Brooklyn, New York, AKRF, Inc., March 2004.

Based on the findings of the November 2002 Phase I ESA, AKRF conducted a subsurface investigation at the Site. The scope of work included the collection and laboratory analysis of 12 soil samples and five groundwater samples. The scope of work was submitted to the New York City Department of Environmental Protection (NYCDEP) and revised based on the comments provided. Findings of the investigation included:

- Numerous semivolatile organic compounds (SVOCs) were detected in soil above their respective NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs). The SVOCs detected primarily included polycyclic aromatic hydrocarbons (PAHs) that are commonly found in fill material. SVOC concentrations exceeding RRSCOs were generally typical of historical fill material, but total SVOCs were detected in one soil sample [B-7(0-2)] at a concentration of 823 milligrams per kilogram (mg/kg), which may have been associated with historical Site operations. Lead was detected in one soil boring at shallow and deep depths with a maximum concentration of 2,720 mg/kg, exceeding the RRSCO of 400 mg/kg. Polychlorinated biphenyls (PCBs) were detected in one soil sample at a concentration above the total PCB RRSCO of 1 mg/kg. No volatile organic compounds (VOCs) or pesticides were detected above the RRSCOs.

- Four VOCs were detected in groundwater samples above the NYSDEC Class GA Ambient Water Quality Standards (AWQS): 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, m,p-xylene, and tetrachloroethene (PCE). Several metals were detected above the AWQS in the unfiltered groundwater samples, but only lead, thallium, and selenium were detected above the AWQS in filtered groundwater. No SVOCs, pesticides, or PCBs were detected in exceedance of the AWQS.

Supplemental Phase II Environmental Site Investigation – 85 Jay Street, Brooklyn, New York, AKRF, Inc., October 2016.

To support the BCP application for the Site, AKRF conducted a Supplemental Phase II Environmental Site Investigation. The scope of work included the advancement of 10 soil borings with the collection of 20 soil samples for analysis of VOCs, SVOCs, metals, and PCBs.

Lead was detected at concentrations above the RRSCO in six soil samples, with a maximum concentration of 10,000 mg/kg. Four SVOCs were detected in exceedance of their respective RRSCOs in two soil samples and the blind duplicate soil sample. No VOCs or PCBs were detected in the soil samples at concentrations exceeding their respective RRSCOs.

2.3 Areas of Concern (AOCs)

The following environmental issues discussed in Section 2.2 were considered AOCs for the RI:

- The Site and surrounding area's historical industrial and manufacturing uses.
- Elevated concentrations of PAHs and lead detected in soil across the Site during the 2004 Phase II Investigation and the 2016 Supplemental Phase II Investigation. The dissolved metals lead, thallium, and selenium were also detected in groundwater samples on the northern and southwestern portions of the Site during the 2004 Phase II Investigation.
- Elevated total PCB concentrations detected in the western/central portion of the Site during the 2004 Phase II Investigation.
- Elevated concentrations of petroleum-related VOCs detected in groundwater on the northern and central portions of the Site during the 2004 Phase II Investigation.
- Elevated PCE concentration detected in groundwater on the southwestern corner of the Site during the 2004 Phase II Investigation.
- A concrete pad with four steel plates on the southern perimeter of the Site, which may be associated with the presence or historical presence of USTs.

The sampling rationale and AOCs are summarized in Table 1.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Professional (QEPs) responsible for preparation of this report is Marc S. Godick, QEP.

3.2 Health and Safety

All work described in this report was performed in full compliance with applicable laws and regulations, including Site and Occupational Safety and Health Administration (OSHA) worker safety requirements and Hazardous Waste Operations and Emergency Response (HAZWOPER)

requirements. The work described in this report was also performed in accordance with a Site-specific Health and Safety Plan (HASP) dated March 2017.

4.0 SITE INVESTIGATION ACTIVITIES

The following activities were performed as part of the RI:

1. Conducted a geophysical survey and utility mark-outs across accessible portions of the Site;
2. Installed 60 soil borings across the Site and collected 347 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed seven temporary, 1-inch diameter groundwater wells and collected seven groundwater samples for chemical analysis from the temporary wells to evaluate groundwater quality; and
4. Installed seven temporary soil vapor probes across the Site and collected seven soil vapor samples and one ambient air sample for chemical analysis.

The locations of the soil borings, temporary wells, and soil vapor points are shown on Figure 2.

4.1 Geophysical Survey and Utility Mark-Outs

On April 10, 2017, a geophysical survey was conducted across accessible portions of the Site by Enviroprobe Service, Inc. (Enviroprobe) of Mount Laurel, New Jersey to clear the proposed boring locations for subsurface utilities and to locate other potential buried structures. The most southwestern corner of the Site was not accessible due to the raised elevation. The geophysical survey included both electromagnetic (EM) and ground penetrating radar (GPR) methods. The survey identified an electrical line running through the northern central portion of the site terminating at the Site boundary along Front Street; four metallic anomalies measuring approximately 3.5 feet by 3.5 feet, located in Grids A1, A5, I3 and I5; and three anomalies of varying lengths in the Grids C5, I2 and J5. The Enviroprobe on-site representative indicated that the anomalies did not appear to be consistent with the shape of a tank and were likely buried metal debris. All utilities and anomalies were marked out with spray paint prior to the commencement of drilling activities. The Geophysical Investigation Report is included as Appendix A.

4.2 Soil Boring Installation

Sixty soil borings were advanced at the Site between April 10 and 24, 2017. The borings were advanced to depths between 9 and 40 feet bgs (some boring locations. A Geoprobe® 7822DT direct-push drill rig was used to advance all sixty soil borings operated by Cascade Technical Services, LLC (Cascade) of Lynbrook, New York. Soil borings were sampled continuously until the termination depth using 5-foot long, 2-inch diameter, stainless steel macrocore piston rod samplers fitted with an internal acetate liner. Soil cores were field-screened for evidence of contamination using a photoionization detector (PID) equipped with an 11.7 electron volt (eV) lamp, and logged using the modified Burmister soil classification system. The PID was calibrated at the beginning of each field day with 100 parts per million (ppm) isobutylene calibration gas in accordance with manufacturer's specifications. At each boring location, AKRF field personnel recorded and documented subsurface conditions.

All sampling equipment (e.g., drilling rods and casing and probe rods) was either dedicated or decontaminated between sampling locations. The soil boring locations were surveyed using the Global Positioning System (GPS) upon their completion and are shown on Figure 2. Boring logs prepared by an environmental scientist are provided in Appendix B.

4.3 Temporary Well Installation and Development

Seven 1-inch diameter temporary groundwater wells (TW-1 through TW-7) were installed to depths of 35 to 45 feet bgs using a Geoprobe® 7822DT direct-push drill rig. Well construction consisted of 10 feet of 0.020-inch slotted polyvinyl chloride (PVC) monitoring well screen installed approximately 5 feet into the water table with a solid PVC riser to ground surface. The wells were finished with a locking j-plug. The temporary well locations are shown on Figure 2.

Following installation, each well was developed via hand pumping and surging using a check valve and dedicated polyethylene tubing to remove any accumulated fines and establish a hydraulic connection with the surrounding aquifer. Development continued until water within the well became transparent.

4.4 Soil Vapor Point Installation

Seven temporary soil vapor points (SV-1 though SV-7) were installed by Cascade on April 26, 2017 and seven soil vapor samples were collected for chemical analysis by AKRF on April 27, 2017.

The soil vapor sampling points were installed by advancing an expendable drive point using a Geoprobe® 7822DT direct-push drill rig. Each of the temporary soil vapor points were installed to approximately 15 feet bgs. At each monitoring point, a 6-inch stainless steel screen implant connected to Teflon™-lined polyethylene tubing was installed through the drilling rods and threaded into the drive point. The sampling tubing was extended from the end of the screen to above grade. The push probe rods were then removed and the borings were backfilled with clean silica sand to 3 to 6 inches above the screen. Hydrated bentonite was used to fill the remaining void around the sampling tubing to the ground surface. The temporary soil vapor point locations are shown on Figure 2.

4.5 Sample Collection and Chemical Analysis

Soil, groundwater, and soil vapor have been sampled and evaluated in this report. The sampling performed and presented in this report provides a basis for the evaluation of subsurface Site conditions and potential remedial action with respect to the media sampled.

4.5.1 Soil Sampling

Three hundred and forty-seven soil samples were collected for chemical analysis during the RI. At each boring location, one soil sample was collected in every 5 foot interval. If field evidence of contamination (visual, olfactory, and/or elevated PID readings) was observed, the soil sample was biased toward the interval exhibiting the highest contamination. Otherwise, the soil sample was generally collected from the bottom of each 5-foot interval (e.g. 3-5 feet, 8-10 feet, 13-15 feet, etc.). PID readings up to 100 ppm were detected in soil boring SSB-B6 from 0 to 15 feet bgs, up to 200 ppm in soil boring SSB-D5 from 0 to 12 feet bgs, and up to 120 ppm in soil boring SSB-J4 from 35 to 39 feet bgs. A slight petroleum-like odor was detected in soil boring SSB-B6 from 1 to 18 feet bgs. A soil sample was collected from each of the aforementioned locations at the interval of the highest PID readings. No other field evidence of soil contamination was observed in the soil borings.

Soil samples were analyzed every 5-foot interval for polycyclic aromatic hydrocarbons (PAHs) by Environmental Protection Agency (EPA) Method 8270 and Resource Conservation and Recovery Act (RCRA) Metals by EPA Method 6000/7000 series. Forty of these samples were analyzed for an expanded analyte list of SVOCs-base neutrals (SVOCs-BN) and Target Analyte List (TAL) metals. Additionally, 49 soil samples from

13 soil borings were analyzed for VOCs by EPA Method 8260 and 42 soil samples from 13 soil borings were analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082, as described in Table 1. Additional samples collected for quality assurance/quality control (QA/QC) purposes at the time of soil sampling are discussed in Section 4.5.5.

Soil samples slated for laboratory analysis were placed in laboratory-supplied containers in accordance with EPA protocols. The soil samples were analyzed by TestAmerica Laboratories, Inc (TestAmerica) of Edison, New Jersey, a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratory for Category B deliverables. Third-party data validation was performed by L.A.B. Validation Corp., of Northport, New York, and a data usability summary report (DUSR) was prepared.

Soil analytical data is provided in Tables 2 through 6. The soil boring locations are shown on Figure 2. Soil boring logs are provided in Appendix B. The DUSRs are provided in Appendix C.

4.5.2 Groundwater Sampling

On April 26 through 28, 2017, groundwater samples were collected from monitoring wells TW-1 through TW-7 using modified low flow sampling methodology with dedicated and decontaminated sampling equipment. Prior to collecting the groundwater samples, the depth to groundwater and the total well depth were measured at each of the temporary wells using an oil/water interface probe attached to a measuring tape accurate to 0.01 foot. No free phase product was detected in any of the temporary wells during installation, purging, or sampling. Purging of the wells continued until the turbidity of the water decreased below 50 Nephelometric Turbidity Unit (NTU) and groundwater quality parameters stabilized. Groundwater sampling logs are provided in Appendix B.

The groundwater samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, and TAL metals (6000/7000 series). The groundwater analyses for metals were conducted on both filtered and unfiltered samples; filtering occurred in the field. Additional samples collected for QA/QC purposes at the time of groundwater sampling are described in Section 4.5.5. Sample containers were labeled, placed in an ice-filled cooler, and shipped to the laboratory via courier with appropriate chain-of-custody documentation. All samples were analyzed by TestAmerica with Category B deliverables. Third-party data validation was performed by L.A.B. Validation Corp., and a DUSR was prepared.

Groundwater analytical data is summarized in Tables 7 through 10. Groundwater sampling logs are provided in Appendix B. The locations of the groundwater samples are shown on Figure 2. The DUSR is provided in Appendix C.

4.5.3 Soil Vapor and Ambient Air Sampling

On April 27 2017, seven soil vapor samples were collected from temporary soil vapor points SV-1 through SV-7.

Prior to collection, each temporary soil vapor sampling point was purged of three sample probe volumes using a peristaltic pump at a flow rate of approximately 0.2 liters per minute. During purging, an inverted bucket was placed over each sampling point and helium gas was introduced through a small hole in the bucket to saturate the atmosphere around the sample port with helium gas. Purged vapors were collected in a Tedlar® bag and field-screened for organic vapors using a PID. The purged vapors were also monitored using a portable helium detector to check for short-circuiting of ambient air

into the vapor sampling point. All soil vapor points passed the seal integrity tests with purged soil vapor containing less than 10% helium. PID readings ranged from 0.4 ppm (detected at soil vapor point SV-7) to 10.7 ppm (detected at soil vapor point SV-2).

After purging, each probe was connected via dedicated Teflon™-lined polyethylene tubing to a laboratory-supplied 6-liter, batch-certified SUMMA® canister equipped with a flow regulator set to collect a sample over a two-hour sampling period. Immediately after opening the flow control valve, the initial SUMMA® canister vacuum (inches of mercury) was noted. After approximately two hours, the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to the laboratory. Soil vapor sampling logs are provided in Appendix B.

One outdoor ambient air sample (AA-1) was collected for QA/QC purposes and to provide a general assessment of ambient air quality in the Site vicinity. The ambient sample was collected over two hours using a 6-liter batch-certified SUMMA® canister. The ambient air sampling log is provided in Appendix B.

All samples were analyzed for VOCs by EPA Method TO-15 by TestAmerica with Category B deliverables. Sample containers were labeled and shipped to the laboratory via courier with appropriate chain of custody documentation.

Soil vapor and ambient air sampling locations are shown on Figure 2. Soil vapor sample collection data is summarized in Table 11. Soil vapor sampling logs are included in Appendix B. Methodologies used for soil vapor assessment conform to the *New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion,* October 2006.

4.5.4 Chemical Analysis

Chemical analytical work has been performed under a quality assurance program that includes the following:

Factor	Description
Quality Assurance Officer	The chemical analytical QA/QC was directed by Marc Godick, QEP, of AKRF.
Third Party Data Validator	The third-party data validation was performed by Lori Beyer of L.A.B. Validation Corp.
Chemical Analytical Laboratory	The chemical analytical laboratory used in this investigation was TestAmerica of Edison, New Jersey (soil and groundwater data) and TestAmerica of Burlington, Vermont (soil vapor data), NYS ELAP-certified laboratories.

Factor	Description
Chemical Analytical Methods	Soil analytical methods: • TAL or RCRA Metals by EPA Method 6000/7000 series (rev. 2007) • VOCs by EPA Method 8260C (rev. 2006) • SVOCs-BNs or PAHs by EPA Method 8270D (rev. 2007) • PCBs by EPA Method 8082A (rev. 2000) Groundwater analytical methods: • TAL Metals (total and dissolved) by EPA Method 6000/7000 series (rev. 2007) • VOCs by EPA Method 8260C • SVOCs-BNs by EPA Method 8270D • PCBs by EPA Method 8082A Soil vapor and ambient air analytical method: • VOCs by EPA Method TO-15

4.5.5 Quality Assurance/Quality Control (QA/QC) Sampling

QA/QC procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analyses for this investigation. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site and (2) to identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix or by laboratory techniques that may have introduced systematic or random errors to the analytical process.

QA/QC samples were analyzed at TestAmerica, an ELAP-certified laboratory. The third-party data validation was performed by L.A.B. Validation Corp. and reported in DUSRs for soil, soil vapor, and groundwater. Laboratory analytical data reports are provided in Appendix D.

QA/QC samples were submitted with the collected soil and groundwater samples and consisted of the following:

Soil

- Two blind duplicates, two MS/MSD samples, and two field blanks analyzed for VOCs, SVOCs-BNs, and TAL metals;
- One blind duplicate, two MS/MSD samples, and one field blank analyzed for PAHs, RCRA metals, and VOCs;
- Fourteen blind duplicates, fourteen MS/MSD samples, and twelve field blanks analyzed for PAHs and RCRA metals;
- One blind duplicate, two MS/MSD samples, and two field blanks analyzed for PAHs, RCRA metals, and PCBs;
- One field blank analyzed for SVOCs-BN and TAL metals;
- One MS/MSD sample analyzed for SVOCs-BN, TAL metals, and PCBs;

- One blind duplicate and one field blank analyzed for VOCs, SVOCs-BNs, TAL metals, and PCBs; and
- Nineteen trip blanks analyzed for VOCs.

Groundwater

- One blind duplicate, one MS/MSD sample, and one field blank analyzed for VOCs, SVOCs-BNs, TAL metals, and PCBs;
- Two field blanks analyzed for PAHs and RCRA metals;
- One field blank analyzed for PAHs, RCRA metals, and PCBs; and
- One trip blank analyzed for VOCs.

Duplicate samples for soil had relative percent differences (RPD); however, soil samples are expected to have a greater variance due to variable contaminant properties in soil, particularly in non-homogenous material, which was identified in the soil borings. Data usability summary reports were prepared for each of the sample delivery groups (SDGs), as summarized below.

Soil

- The soil DUSR identified additional qualifiers for specific compounds for specific samples. These qualifiers have been added to the data summary tables provided as Tables 2 through 6. The data sets were determined to be acceptable for use with the additional data qualifiers.
- The addition of "J" qualifiers indicated that the contaminant detections in the samples were considered estimated values. The laboratory reported "J" qualifiers for values between the reporting limits (RLs) and method detection limits (MDLs). Additional "J" qualifiers were added due to RPD in parent/blind duplicate samples and laboratory duplicate samples, the percent difference (%D) being outside of acceptable limits in the continuing calibrations, and contamination identified in blank samples. "J" qualified data could be further qualified with "H" or "L," indicating the estimated concentration may be biased high or low, respectively. "JH" qualifiers were reported due to high MS/MSD recovery, high surrogate recovery, and high blank spike recovery. "JL" qualifiers were added due to low MS/MSD recovery, the RPD in parent/blind duplicate samples, and low blank spike recovery.
- In several cases, a "UJ" qualifier was added, indicating the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. "UJ" qualifiers were reported due to low MS/MSD recovery, low blank spike recovery, response criteria low in initial calibration, and the %D outside of acceptable limits in the continuing calibrations.
- "R" qualifiers were added to unusable data, which is considered unreliable due to deficiencies in meeting QA/QC criteria. Mercury was "R" qualified in one sample due to RPD in parent and blind duplicate samples and apparent discrepancies in dilutions. 2,6-Dinitroluene was "R" qualified in one sample due to field duplicate imprecision.
- Method blank, field blank, and trip blank contamination findings resulted in low-level detections of m,p-xylenes, acetone, and methylene chloride being negated (i.e.,

"U" qualified) in some samples. Detections of these compounds above the concentrations that were detected in blank samples could not be negated but should be considered suspect.

- Sample analyses were generally conducted without dilutions, but raw data supported the dilutions that were required. Reported dilutions confirmed with raw data submissions.
- Tentatively Identified Compounds (TICs) were not required, but non-target peaks were identified in samples SSB-B6 (3-5), SSB-B6 (8-10), and SSB-B6 (18-20). The DUSR indicated the non-target peaks were likely hydrocarbons. Due to this presence, the samples were analyzed at high level and therefore the potential that lower level hits may have been lost in the dilution required exists.

The DUSR concluded that the overall assessment of the data generated were of acceptable quality, with the exception of the "R" qualified data. Results for the analysis are usable with the revised qualifiers.

Groundwater

- The groundwater DUSR identified additional qualifiers for specific compounds for specific samples. These qualifiers have been added to the data summary tables provided as Tables 7 through 10. The data set was determined to be acceptable for use with the additional data qualifiers.
- "J" qualifiers were added to select compounds in some samples due to %D outside of acceptable limits in continuing calibrations, RPD in parent sample and blind duplicate, and unexpectedly high dissolved metals concentrations, relative to total metal concentrations. "JL" qualifiers were also added to some samples due to the relative concentrations of metals in filtered and unfiltered analyses.
- "UJ" qualifiers were to select compounds in various groundwater samples due to low MS/MSD recovery, low blank spike recovery, %D in continuing calibration outside of acceptable limits, and differences in total and dissolved metals findings.
- Trip blank contamination resulted in the low-level detections of acetone negated (i.e. "U" qualified) in some samples.
- Sample analyses were generally conducted without dilutions, but raw data supported the dilutions that were required. Reported dilutions confirmed with raw data submissions.

The groundwater DUSR indicated the data generated were of acceptable quality. Results for the analyses are usable with the revised qualifiers.

Soil Vapor and Outdoor Air

- The %D in continuing calibration for bromoform was outside of acceptable limits: therefore, non-detects in all samples were "UJ" qualified.

The soil vapor DUSR indicated that the data generated were of acceptable quality. Results for the analysis are usable with revised qualifiers.

4.5.6 Management of Investigation-Derived Waste (IDW)

IDW did not exhibit evidence of contamination (e.g., staining, high PID readings, oily sheens, odors, etc.), and therefore, soil cuttings were used to fill in the corresponding soil

borings following sampling and purged groundwater from temporary wells TW-1 through TW-7 were discharged to the ground surface.

4.5.7 Results of Chemical Analyses

Laboratory data for soil, groundwater, and soil vapor are summarized in Tables 2 through 6, Tables 7 through 10, and Table 11, respectively. Soil sample concentrations above NYSDEC RRSCOs and/or unrestricted soil cleanup objectives (USCOs) are shown on Figures 3A through 3F. Groundwater concentrations above ambient water quality standards (AWQSs) are shown on Figure 4. Detected soil vapor and ambient air concentrations are shown on Figure 5. Laboratory data deliverables for all samples evaluated in this investigation are provided in digital form in Appendix D.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

5.1.1 Stratigraphy

Soil observed in the borings during the investigation primarily consisted of fill comprising sand, silt, and gravel with little amounts of concrete, brick, and cinders, up to approximately 15 feet bgs, underlain by sand, silt, and gravel to the terminus of the borings, which ranged from 25 to 40 feet bgs.

5.1.2 Hydrogeology

Based on site-specific groundwater measurements, groundwater beneath the Site ranges from 24.0 to 39.9 feet bgs in the western and eastern portions of the Site, respectively. Groundwater likely flows locally and beneath the Site in a westerly direction, toward the East River.

5.2 Soil Chemistry

Three hundred and forty-seven soil samples were collected for laboratory analysis from 60 soil borings. Soil sample analytical results were compared to the 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 USCOs and RRSCOs, the applicable Soil Cleanup Objectives (SCOs) for the proposed future use of the Site. Soil sample analytical results for the soil samples are summarized in Tables 2 through 6. Soil concentrations exceeding USCOs and RRSCOs are shown on Figures 3A through 3F. A complete soil laboratory analytical data reports are included in Appendix D.

5.2.1 Volatile Organic Compounds (VOCs) in Soil

Forty-nine samples (plus four blind duplicate samples) were analyzed for VOCs. Twenty-three of the 55 VOCs analyzed were detected in at least one of the soil samples, none of which were detected at concentrations above their respective USCOs or RRSCOs. TICs were not required for this analysis, but the DUSR identified non-target peaks (reportedly likely hydrocarbons) in soil samples collected at SSB-B6.

Soil analytical results for VOCs are summarized in Table 2.

5.2.2 Polycyclic Aromatic Hydrocarbons (PAHs) and Semivolatile Organic Compounds (SVOCs) in Soil

Three hundred and forty-seven soil samples (plus 19 blind duplicate samples) were analyzed for PAHs. Of these, 40 shallow samples (including three of the 19 blind duplicate samples) were analyzed for the SVOC-BN list.

Twenty-four of the 50 SVOCs analyzed were detected in at least one of the soil samples. Eleven SVOCs, all PAHs, were detected at concentrations above their respective RRSCOs as summarized in Table T1 below:

Table T1 – Summary of Semivolatile Organic Compound Concentrations Exceeding Restricted Residential Soil Cleanup Objectives

Compound	RRSCO (mg/kg)	Quantity of Samples Exceeding RRSCO	Maximum Concentration (mg/kg)
Benzo(a)anthracene	1	41	170
Benzo(a)pyrene	1	42	130
Benzo(b)fluoranthene	1	47	150
Benzo(g,h,i)pyrene	100	1	120
Benzo(k)fluoranthene	3.9	6	63
Chrysene	3.9	15	160
Dibenz(a,h)anthracene	0.33	34	34
Fluoranthene	100	3	370
Indeno(1,2,3-c,d)pyrene	0.5	59	130
Phenanthrene	100	3	280
Pyrene	100	2	260

The maximum concentrations were all identified in the soil sample SSB-J3 (8-10). Additionally, one PAH, naphthalene, was detected at concentrations above the USCO but below the RRSCO in two samples. Soil analytical results for PAHs and SVOCs-BNs are summarized in Tables 3 and 4, respectively. The locations and depth intervals of compounds exceeding RRSCOs and USCOs for SVOCs are summarized below in Table T2.

Table T2
Summary of Soil Samples Locations and Depths
With Semivolatile Organic Compounds Detected Above Soil Cleanup Objectives

	A	B	C	D	E	F	G	H	I	J
1						**(3-5)**			**(3-5) (8-10) (13-15)**	**(3-5) (8-10)**
2	**(13-15)**	**(8-10)**	**(8-10)**	**(3-5)**		**(3-5)**		(16-17)	**(3-5) (8-10)**	**(3-5) (8-10)**
3	**(8-10)**	**(3-5) (8-10)**						**(13-15)**	**(3-5)**	**(3-5) (8-10)**
4	**(3-5) (18-20)**			**(3-5)**		**(3-5)**	**(3-5)**	**(3-5)**	**(3-5) (15-17)**	**(3-5) (8-10) (13-15)**
5				**(3-5)**		**(3-5)**	**(3-5)**	**(3-5)**	**(3-5) (8-10)**	**(3-5) (8-10) (13-15)**
6			**(3-5)**	**(3-5) (8-10)**	**(3-5) (18-20)**				**(3-5) (7-9)**	**(2-4) (8-10)**

*Note: Samples depths with exceedances of RRSCO are shown in **bold and underlined** font and sample depths with USCO exceedances are shown in regular font.*

5.2.3 Polychlorinated Biphenyls (PCBs) in Soil

Forty-two soil samples (plus two blind duplicate samples) were analyzed for PCBs. PCBs were not detected above laboratory reporting limits in any of the samples analyzed. Soil analytical results for PCBs are presented in Table 5.

5.2.4 Metals in Soil

Three hundred and forty-seven soil samples (plus 19 blind duplicate samples) were analyzed for the eight RCRA metals. Of these, 40 shallow samples (including three of the 19 blind duplicate samples) were analyzed for the TAL metals list.

Twenty-one of the twenty-three metals analyzed were detected in at least one soil sample. Six metals were detected in exceedance of their respective RRSCOs as summarized in table T3 below:

Table T3 – Summary of Metals Concentrations Exceeding Restricted Residential Soil Cleanup Objectives

Metal	RRSCO (mg/kg)	Quantity of Samples Exceeding RRSCO	Maximum Concentration (mg/kg)
Arsenic	16	2	22.2
Barium	400	7	2,210
Cadmium	4.3	1	48.9
Copper	270	1	336

Lead	400	43	27,100
Mercury	0.81	17	7.7

Additionally, three metals (chromium, nickel, and zinc) were detected in exceedance of the USCOs but below the RRSCOs. Total chromium was compared to the trivalent chromium standards, as there is no total chromium standard. Soil analytical results for metals are summarized in Table 6. The locations and depth intervals of compounds exceeding RRSCOs and USCOs for metals are summarized below in Table T4.

Table T4
Summary of Soil Samples Locations and Depths
With Metals Detected Above Soil Clean Objectives

	A	B	C	D	E	F	G	H	I	J
1	**(3-5)** (8-10)	**(3-5)** **(8-10)** (13-15) (18-20) (23-25)	(3-5) **(8-10)** **(13-15)** (18-20)	(3-5) **(8-10)**	**(3-5)** **(8-10)**	**(3-5)** **(8-10)** **(13-15)**	**(2-4)**	(3-5)	(3-5) **(8-10)** (13-15)	**(3-5)** (8-10) (11-13)
2	**(3-5)** (8-10) (13-15)	**(3-5)** **(8-10)**	(2-4) **(8-10)**	**(3-5)**		**(3-5)**	**(5-7)** **(7-9)** **(28-30)**	**(1-3)** **(7-9)** (13-15)	**(3-5)** (8-10)	**(3-5)**
3	**(3-5)** **(8-10)**	**(3-5)** **(8-10)**	**(3-5)**			(3-5)		(3-5)	(3-5)	**(3-5)**
4	**(3-5)** (18-20)	**(3-5)**	(3-5) (8-10)	**(3-5)**	**(3-5)**	**(3-5)**	**(3-5)**	(3-5)	(3-5) (13-15) (15-17)	(3-5) (8-10) (13-15)
5		**(8-10)**	**(3-5)**	**(3-5)**	(3-5) (8-10)	(3-5)	(3-5)	**(3-5)** (18-20)	(3-5) (8-10)	**(3-5)** **(8-10)** (13-15)
6	**(3-5)**		(3-5) **(7-9)**	**(3-5)** **(8-10)**	(3-5) **(7-9)** (13-15) **(18-20)**	(8-10)	(3-5)	(8-10)	**(3-5)** (7-9)	(2-4) (8-10) (13-15) (23-25)

*Note: Samples depths with exceedances of RRSCO are shown in **bold and underlined** font and sample depths with USCO exceedances are shown in regular font.*

5.3 Groundwater Chemistry

Groundwater laboratory analyses were performed by TestAmerica, an NYSDOH ELAP-certified laboratory. Sample analytical results were compared to the New York State 6NYCRR Part 703.5 Class GA AWQS, which are drinking water standards, although groundwater in Brooklyn is not used as a source of potable water. Groundwater sample analytical results for all groundwater samples are included in Tables 7 through 10. Groundwater concentrations above AWQSs are shown on Figure 4. Groundwater laboratory analytical data reports are included in Appendix D.

5.3.1 Volatile Organic Compounds (VOCs) in Groundwater

Three VOCs (chloroform, PCE, and trichloroethylene (TCE)) were detected in six of the seven groundwater samples and the blind duplicate sample. Chloroform was detected at

concentrations of 10 micrograms per liter (µg/L) and 18 µg/L in samples TW-6 and TW-7, respectively, both of which were above the AWQS of 7 µg/L. PCE was detected at a maximum concentration of 2.5 µg/L in TW-X, the blind duplicate, below the 5 µg/L AWQS. PCE was also detected in the parent sample, TW-4, at a concentration of 2.3 µg/L (and its blind duplicate TW-X at 2.5 µg/L). TCE was detected at a maximum concentration of 2.2 µg/L in TW-5, below the 5 µg/L AWQS. Groundwater analytical results for VOCs are presented in Table 7.

5.3.2 Semivolatile Organic Compounds (SVOCs) in Groundwater

Two SVOCs, bis(2-ethylhexyl)phthalate and diethyl phthalate, were detected in at least one groundwater sample, both at concentrations below the applicable AWQS. Groundwater analytical results for SVOCs are presented in Table 8.

5.3.3 Polychlorinated Biphenyls (PCBs) in Groundwater

PCBs were not detected above laboratory reporting limits in the groundwater samples. Groundwater analytical results for PCBs are presented in Table 9.

5.3.4 Metals in Groundwater

Up to fifteen metals (aluminum, antimony, barium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, selenium, sodium, and zinc) were detected in each of the total (unfiltered) groundwater samples. Lead was detected in the groundwater sample TW-2 at a concentration of 68.4 µg/L, above its AWQS of 25 µg/L. Iron was detected in groundwater samples TW-4 (and its blind duplicate TW-X) and TW-5 at concentrations ranging from 489 µg/L to 826 µg/L, above its AWQS of 300 µg/L. The maximum iron concentration was identified in the blind duplicate of TW-4, TW-X. Magnesium was detected above its AWQS of 35,000 µg/L in groundwater samples TW-2, TW-3, TW-4 (and its blind duplicate TW-X), TW-5, and TW-7, at concentrations ranging from 35,100 µg/L to 85,500 µg/L, with the maximum concentration detected at TW-3. Manganese was detected above its 300 µg/L AWQS in groundwater samples TW-3, TW-5, and TW-7 with concentrations ranging from 350 µg/L to 809 µg/L. The maximum manganese concentration was identified in TW-5. Sodium was detected above the 20,000 µg/L AWQS in all seven groundwater samples and the blind duplicate, with a maximum concentration of 313,000 µg/L at TW-2.

With the exception of aluminum, the metals detected in the total (unfiltered) groundwater samples were also detected in the dissolved (filtered) groundwater samples, generally at lower concentrations than in the unfiltered samples. Dissolved lead was detected above the AWQS in one groundwater sample, TW-2, at a concentration of 48.5 µg/L. Dissolved magnesium was detected above its AWQS in groundwater samples TW-2, TW-3, TW-4 (and its blind duplicate TW-X), and TW-5, with a maximum concentration of 80,000 µg/L detected at TW-3. Dissolved manganese was detected above its AWQS in groundwater samples TW-3, TW-5, and TW-7, with a maximum concentration of 740 µg/L in TW-5. Dissolved selenium was detected above its 10 µg/L AWQS in TW-4 and its blind duplicate TW-X at estimated concentrations of 10.9 and 10.4 µg/L, respectively. Dissolved sodium was detected in all groundwater samples and the blind duplicate sample above its AWQS, with a maximum concentration of 277,000 µg/L in TW-2.

Groundwater analytical results for metals are presented in Table 10.

5.4 Soil Vapor Chemistry

Seven soil vapor samples (SV-1 through SV-7) were collected from the seven temporary soil vapor points installed across the Site. In addition, one outdoor (ambient) air sample (AA-1) was collected to assess background conditions.

Soil vapor analytical results were compared to the NYSDOH 2006 Guidance for Evaluation Soil Vapor Intrusion Air Guidance Values (AGVs), the September 2013 NYSDOH Fact Sheet update for PCE, and the August 2015 Fact Sheet update for TCE.

Twenty-five VOCs were detected in the soil vapor samples, seven of which were also detected in the outdoor air sample. Additionally, one VOC, chloromethane, was detected in outdoor air but not in any of the soil vapor samples.

VOCs associated with petroleum (including toluene, ethylbenzene, benzene, and xylenes [collectively referred to as BTEX]; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; 2-hexanone; methyl ethyl-ketone; n-heptane; and n-hexane) were detected at individual concentrations up to 1,200 micrograms per cubic meter ($\mu g/m^3$). Chlorinated solvent-related VOCs (including carbon tetrachloride, 1,1,1-trichloroethane, PCE, and TCE) were detected at individual concentrations up to 290 $\mu g/m^3$. Acetone (a common laboratory contaminant, although was not detected in method blank or outdoor air sample) was detected at a maximum concentration of 160 $\mu g/m^3$ in soil vapor sample SV-7.

TCE was detected in each of the soil vapor samples (SV-1 through SV-7) at concentrations ranging from 4.9 to 290 $\mu g/m^3$, all of which are above the AGV of 2 $\mu g/m^3$. PCE was detected in five of the seven soil vapor samples at concentrations ranging between 11 $\mu g/m^3$ and 88 $\mu g/m^3$. PCE was detected above its AGV of 30 $\mu g/m^3$ in four soil vapor samples (SV-1, SV-2, SV-3, and SV-4) at concentrations from 34 $\mu g/m^3$ to 88 $\mu g/m^3$. PCE was also detected at a low level in the ambient air sample, AA-1, at a concentration of 1.3 $\mu g/m^3$.

The remaining VOCs with AGVs were either not detected in soil vapor samples or were detected below the applicable standards. Soil vapor and outdoor air sample analytical results are included in Table 11. Soil vapor concentrations for all detected compounds are shown on Figure 5.

6.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT (QHHEA)

The objective of the qualitative exposure assessment is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur.

The RI, as described in this RIR, is sufficient to complete a QHHEA. The QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI was evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This QHHEA was prepared in accordance with Appendix 3B and Section 3.3 (b) 8 of the New York State Department of Environmental Conservation Technical Guide 10 (DER-10) Technical Guidance for Site Investigation and Remediation.

6.1 Contaminants of Concern (COCs) in Respective Media

Based on the results of the 2004 Phase II Investigation, the 2016 Supplemental Phase II Investigation, and the RI, the COCs include:

Soil:

Numerous PAHs were detected above their respective USCOs and/or RRSCOs.

The metals arsenic, barium, cadmium, chromium, copper, lead, mercury, and zinc were detected above their respective USCOs and/or RRSCOs (total chromium was compared to the trivalent chromium standard).

PCBs were not detected in any of the soil samples collected as part of this RI.

Groundwater:

The VOC chloroform was detected at a concentration above its AWQS.

Dissolved lead, selenium, thallium, manganese, magnesium, and sodium were detected at concentrations above their respective AWQSs. Several total metals were also detected above AWQSs.

Soil Vapor:

The chlorinated solvents PCE and TCE were detected above their respective AGVs. Additional chlorinated solvent-related VOCs (including carbon tetrachloride and 1,1,1-trichloroethane) were detected at individual concentrations up to 30 µg/m^3. VOCs associated with petroleum (including toluene, ethylbenzene, benzene, and xylenes [collectively referred to as BTEX]; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; 2-hexanone; methyl ethyl-ketone; n-heptane; and n-hexane) were detected at individual concentrations up to 1,200 µg/m^3.

6.2 Potential Routes of Exposure

The five elements of an exposure pathway are:

1. The source of contamination;
2. The environmental media and transport mechanisms;
3. The point of exposure;
4. The route of exposure; and
5. The receptor population.

These elements of an exposure pathway may be based on past, present, or future events. An exposure pathway is considered complete when all five elements of an exposure pathway are documented. A potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future.

6.3 Exposure Route

An exposure route is the mechanism by which a receptor comes into contact with a chemical. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, and/or soil;

- Inhalation of vapors and/or particulates; and
- Dermal contact with water, fill, soil, and/or building materials.

6.4 Potential Receptors

The Site is currently vacant and used only occasionally for parking by Site representatives. The area immediately surrounding the Site is predominantly residential, commercial, and industrial in nature. The proposed future use of the Site is residential with commercial uses.

On-site Receptors: As the Site is currently vacant, there are no potential sensitive receptors other than trespassers.

During redevelopment of the Site, the on-site potential sensitive receptors will include construction workers and inspectors. Once the Site is redeveloped, the on-site potential sensitive receptors will include: adult and child residents, maintenance staff, and commercial workers.

Off-site Receptors: Potential off-site receptors within a 0.25-mile radius of the Site include: adult and child residents, commercial and construction workers, students, pedestrians, trespassers, and cyclists, based on the following:

1. Commercial Businesses – existing and future
2. Residential Buildings – existing and future
3. Building Construction/Renovation – existing and future
4. Pedestrians, Trespassers, Cyclists – existing and future
5. Schools – existing and future

6.5 Existence of Human Health Exposure Pathways

This evaluation consists of the following components: contaminant source; contaminant release and transport mechanism; point of exposure; route of exposure; and receptor population.

On-site Existing Conditions: Since the Site is vacant and capped with gravel, there are no potential on-site exposure pathways.

Off-site Existing Conditions: While it is not conclusive whether the on-site VOCs in soil vapor are attributable to an on-site or off-site source, the relatively low on-site soil vapor and groundwater concentrations do not represent an existing potential exposure pathway from VOCs in soil vapor to enter into the nearby buildings as a result of any basement floor or lower wall openings/cracks. There is a potential exposure pathway from any dust emanating from the Site to off-site pedestrians, visitors, cyclists, and adult and child residents.

On-site Future Conditions: Once redevelopment activities begin, there will be a potential exposure pathway from construction workers coming into direct contact with surface and subsurface soils as a result of construction and excavation activities. In addition, on-site construction workers could potentially ingest or inhale particulates and/or vapors from any exposed impacted soil and fill. Similarly, off-site receptors could be exposed to particulates and vapors from on-site activities. Redevelopment plans include dewatering; therefore, there will be a potential exposure pathway from the groundwater to on-site construction workers. On-site construction workers could potentially ingest or have dermal contact with any soil/fill that is saturated with contaminated groundwater, and/or the contaminated (with metals) groundwater itself.

Once the redevelopment of the Site has been completed (assuming no remediation), there will be a potential exposure pathway to adult and child residents, maintenance staff, and commercial workers from the inhalation of any potential VOC vapors in indoor air due to vapor intrusion. There will also be a potential exposure pathway from dermal contact, inhalation, and/or ingestion of surface soil/fill in any landscaped or non-capped areas by adult and child residents, visitors, and trespassers.

Off-site Future Conditions: There will be a potential exposure pathway from any dust emanating from the Site to off-site pedestrians, visitors, cyclists, and adult and child residents if the Site is not effectively remediated and capped following redevelopment.

6.6 Overall Human Health Exposure Assessment

Since the Site is vacant and capped with gravel, there are currently no potential on-site exposure pathways. Once redevelopment activities begin, there will be a potential exposure pathway from contaminated surface soil/fill to construction workers as these workers could potentially ingest, inhale, or have dermal contact with any exposed contaminated fill or soil. Redevelopment plans include dewatering, so there will be an additional potential exposure pathway as workers could potentially ingest or have dermal contact with the contaminated groundwater. Without remediation, once redevelopment of the Site has been completed, there will be a potential exposure pathway from the potential VOCs from soil vapor intrusion to adult and child residents, maintenance staff, visitors, and commercial workers through cracks or openings in the foundations of the new building and surrounding buildings. There will also be a potential exposure pathway from dermal contact, inhalation, or ingestion of surface soil in any landscaped or non-capped areas by adult and child residents, visitors, and trespassers. In addition, there will be a potential exposure pathway from any dust emanating from the Site to off-site pedestrians, visitors, cyclists, and adult and child residents.

Based on the results of the QHHEA, a NYSDEC-approved Remedial Action Work Plan (RAWP) should be implemented during construction of the proposed Site building to ensure that the potential exposure pathways identified do not become complete. The RAWP should address the contaminated soil/fill at the Site and potentially the implementation of certain engineering and/or institutional controls.

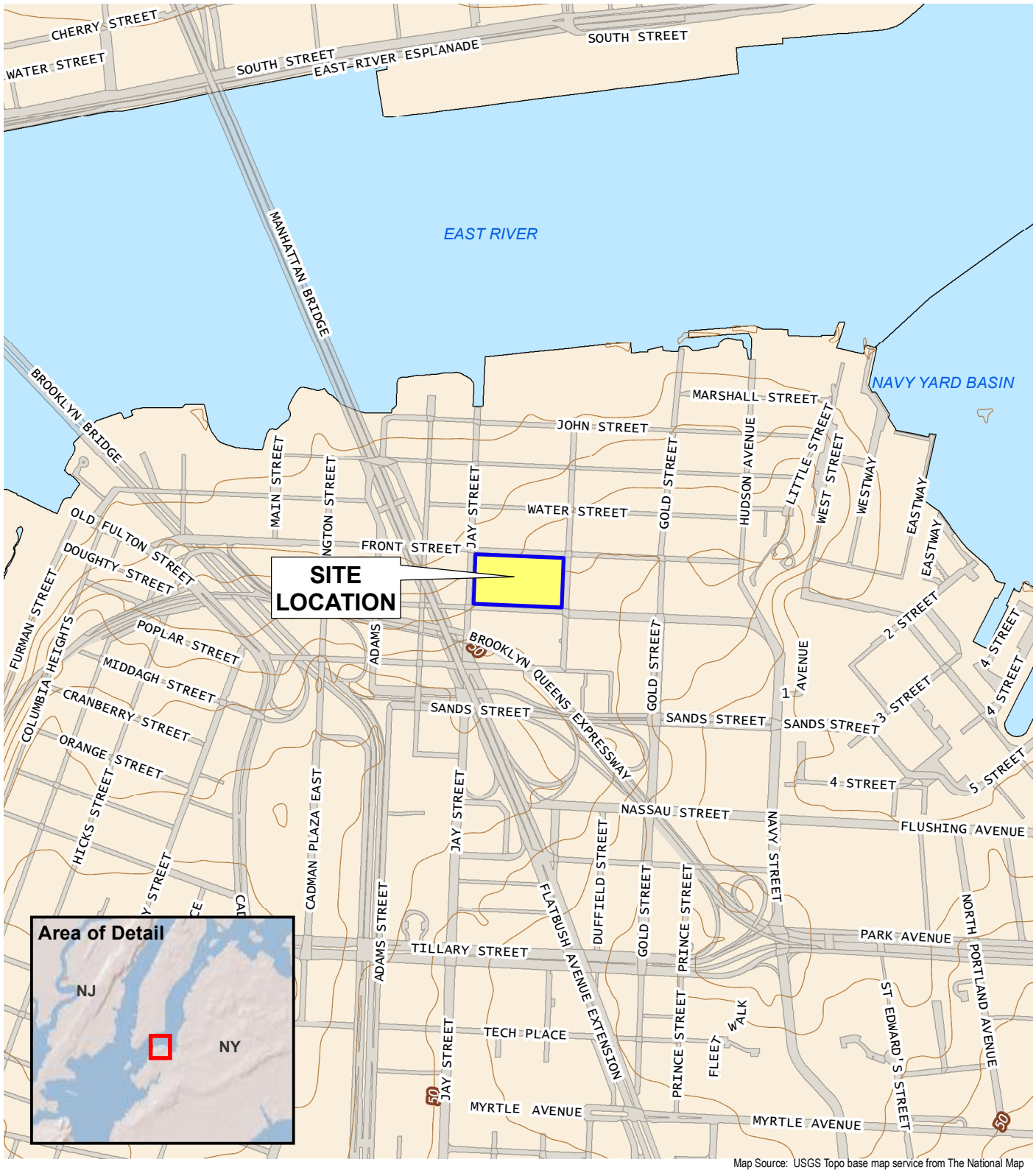
7.0 CONCLUSIONS

Based on an evaluation of the data and information from the investigation, there is contaminated soil, groundwater, and soil vapor present at the Site that is likely attributable to historic Site and surrounding property usage, including industrial and manufacturing uses. The presence of metals in shallow fill and groundwater and the elevated detections of PAHs in soil are most likely attributable to historic filling and/or historic operations at the Site and surrounding area. The presence of petroleum-related compounds in soil vapor may be related to the historic Site operations or surrounding area usage. The presence of the chlorinated solvent-related compounds TCE and PCE (in soil vapor) and chloroform (in groundwater) may be related to the historic operations at the Site, but may also be attributable to off-site sources, given the relatively (low) concentrations of VOCs in groundwater.

8.0 REFERENCES

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FIGURES



Map Source: USGS Topo base map service from The National Map

0 800 1,600

SCALE IN FEET

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AKRF
440 Park Avenue South, New York, NY 10016

85 Jay Street
Brooklyn, New York

SITE LOCATION

DATE
6/27/2017

PROJECT NO.
12519

FIGURE
1



0 30 60 120

SCALE IN FEET

LEGEND

- PROJECT SITE BOUNDARY
- SOIL SAMPLING LOCATION
- SOIL, GROUNDWATER, AND SOIL VAPOR SAMPLING LOCATION
- OUTDOOR AMBIENT AIR SAMPLING LOCATION

A
1
ALPHANUMERIC GRID

Map Source:
NYCDCP (NYC Dept. of City Planning 2016) GIS database.

AKRF
440 Park Avenue South, New York, NY 10016

85 Jay Street
Brooklyn, New York

SITE PLAN WITH SAMPLING LOCATIONS

DATE
6/30/2017

PROJECT NO.
12519

FIGURE
2

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Sample ID	NYSDEC	NYSDEC	SSB-C2(2-4)	SSB-X(2-4)
Date Sampled	USCOs	RRSCOs	4/21/2017	4/21/2017
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	118 J	168 J
Mercury	0.18	0.81	0.22 J	NE

Sample ID	NYSDEC	NYSDEC	SSB-B1(3-5)
Date Sampled	USCOs	RRSCOs	4/24/2017
Metals	mg/kg	mg/kg	mg/kg
Copper	50	270	336

Sample ID	NYSDEC	NYSDEC	SSB-D2(3-5)
Date Sampled	USCOs	RRSCOs	4/20/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(B)Fluoranthene	1	1	2
Chrysene	1	3.9	1.2
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.9 J
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	22,400

Sample ID	NYSDEC	NYSDEC	SSB-C1(3-5)
Date Sampled	USCOs	RRSCOs	4/21/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	211
Mercury	0.18	0.81	0.60

Sample ID	NYSDEC	NYSDEC	SSB-D1(3-5)
Date Sampled	USCOs	RRSCOs	4/20/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	389
Mercury	0.18	0.81	0.36

Sample ID	NYSDEC	NYSDEC	SSB-A(3-5)
Date Sampled	USCOs	RRSCOs	4/26/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	4,090 J

Sample ID	NYSDEC	NYSDEC	SSB-B2(3-5)
Date Sampled	USCOs	RRSCOs	4/24/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	24,700
Mercury	0.18	0.81	0.22

Sample ID	NYSDEC	NYSDEC	SSB-A2(3-5)
Date Sampled	USCOs	RRSCOs	4/25/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	112
Mercury	0.18	0.81	3.9
Zinc	109	10,000	215

Sample ID	NYSDEC	NYSDEC	SSB-A3(3-5)
Date Sampled	USCOs	RRSCOs	4/25/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	4,540
Mercury	0.18	0.81	0.29
Zinc	109	10,000	176

Sample ID	NYSDEC	NYSDEC	SSB-B3(3-5)
Date Sampled	USCOs	RRSCOs	4/24/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	6
Benzo(A)Pyrene	1	1	4.6
Benzo(B)Fluoranthene	1	1	8.5
Benzo(K)Fluoranthene	0.8	3.9	2.7
Chrysene	1	3.9	6.5
Dibenz(A,H)Anthracene	0.33	0.33	0.76
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	4.1
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	8,250

Sample ID	NYSDEC	NYSDEC	SSB-C3(3-5)
Date Sampled	USCOs	RRSCOs	4/21/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	864

Sample ID	NYSDEC	NYSDEC	SSB-A4(3-5)
Date Sampled	USCOs	RRSCOs	4/25/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	13
Benzo(A)Pyrene	1	1	9.7
Benzo(B)Fluoranthene	1	1	11
Benzo(K)Fluoranthene	0.8	3.9	3.9
Chrysene	1	3.9	14
Dibenz(A,H)Anthracene	0.33	0.33	2
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	5.5
Metals	mg/kg	mg/kg	mg/kg
Barium	350	400	1,330
Chromium, Total	30	180	30.1
Lead	63	400	6,600
Mercury	0.18	0.81	0.65
Zinc	109	2,200	1,040

Sample ID	NYSDEC	NYSDEC	SSB-B4(3-5)
Date Sampled	USCOs	RRSCOs	4/24/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	3,210

Sample ID	NYSDEC	NYSDEC	SSB-C4(3-5)
Date Sampled	USCOs	RRSCOs	4/21/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	343

Sample ID	NYSDEC	NYSDEC	SSB-C5(3-5)	SSB-XX(3-5)
Date Sampled	USCOs	RRSCOs	4/21/2017	4/21/2017
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	29 JL	297 J

Sample ID	NYSDEC	NYSDEC	SSB-A6(3-5)	SSB-XX(3-5)
Date Sampled	USCOs	RRSCOs	4/25/2017	4/25/2017
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	8,510	9,990
Mercury	0.18	0.81	0.19	0.22

Sample ID	NYSDEC	NYSDEC	SSB-E4(3-5)
Date Sampled	USCOs	RRSCOs	4/19/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	1,640
Mercury	0.18	0.81	0.31

Sample ID	NYSDEC	NYSDEC	SSB-D5(3-5)
Date Sampled	USCOs	RRSCOs	4/20/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(B)Fluoranthene	1	1	1
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.78
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	7,660

Sample ID	NYSDEC	NYSDEC	SSB-C6(3-5)
Date Sampled	USCOs	RRSCOs	4/21/2017
SVOCs	mg/kg	mg/kg	mg/kg
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1 J
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	174
Mercury	0.18	0.81	0.43

Sample ID	NYSDEC	NYSDEC	SSB-D6(3-5)
Date Sampled	USCOs	RRSCOs	4/20/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1
Benzo(A)Pyrene	1	1	1.3
Benzo(B)Fluoranthene	1	1	1.7
Chrysene	1	3.9	1.3
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.93
Metals	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	32.3
Copper	50	270	69.7
Lead	63	400	880
Nickel	30	310	39.2

Sample ID	NYSDEC	NYSDEC	SSB-F1 (3-5)	SSB-XX(3-5)
Date Sampled	USCOs	RRSCOs	4/17/2017	4/17/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	2.2	1.9
Benzo(A)Pyrene	1	1	2.2	1.9
Benzo(B)Fluoranthene	1	1	2.7	2.2
Benzo(K)Fluoranthene	0.8	3.9	0.96	NE
Chrysene	1	3.9	2	1.7
Dibenz(A,H)Anthracene	0.33	0.33	0.49 J	0.41 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	2.1 J	2 J
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	824 J	532 J
Zinc	109	10,000	135 J	NE

Sample ID	NYSDEC	NYSDEC	SSB-F2 (3-5)	SSB-XX(3-5)
Date Sampled	USCOs	RRSCOs	4/17/2017	4/17/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	5.9	4
Benzo(A)Pyrene	1	1	6.1	4.1
Benzo(B)Fluoranthene	1	1	7	4.9
Benzo(K)Fluoranthene	0.8	3.9	2.9	1.8
Chrysene	1	3.9	5.1	3.6
Dibenz(A,H)Anthracene	0.33	0.33	1 J	0.71 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	4.5 J	3 J
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	13	16	NE	16.3
Lead	63	400	3,700 J	1,780 J
Mercury	0.18	0.81	0.70 J	2.2 J

Sample ID	NYSDEC	NYSDEC	SSB-F3(3-5)
Date Sampled	USCOs	RRSCOs	4/18/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	389 JL

Sample ID	NYSDEC	NYSDEC	SSB-E1(3-5)
Date Sampled	USCOs	RRSCOs	4/19/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	409
Nickel	30	310	55.8

Sample ID	NYSDEC	NYSDEC	SSB-D4(3-5)
Date Sampled	USCOs	RRSCOs	4/20/2017
SVOCs	mg/kg	mg/kg	mg/kg
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	5,660

Sample ID	NYSDEC	NYSDEC	SSB-G1(2-4)
Date Sampled	USCOs	RRSCOs	4/14/2017
Metals	mg/kg	mg/kg	mg/kg
Barium	350	400	619
Lead	63	400	542
Zinc	109	10,000	419

Sample ID	NYSDEC	NYSDEC	SSB-H1(3-5)
Date Sampled	USCOs	RRSCOs	4/13/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	160
Mercury	0.18	0.81	0.24
Zinc	109	10,000	225

Sample ID	NYSDEC	NYSDEC	SSB-H2(1-3)
Date Sampled	USCOs	RRSCOs	4/13/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	460
Mercury	0.18	0.81	0.61

Sample ID	NYSDEC	NYSDEC	SSB-H3(3-5)
Date Sampled	USCOs	RRSCOs	4/12/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1.1
Benzo(A)Pyrene	1	1	1.1
Benzo(B)Fluoranthene	1	1	1.4
Chrysene	1	3.9	1.2
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.1 J
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	150 J
Mercury	0.18	0.81	0.70
Zinc	109	10,000	181

Sample ID	NYSDEC	NYSDEC	SSB-H4(3-5)
Date Sampled	USCOs	RRSCOs	4/13/2017
Metals	mg/kg	mg/kg	mg/kg
Mercury	0.18	0.81	0.27

Sample ID	NYSDEC	NYSDEC	SSB-J1(3-5)
Date Sampled	USCOs	RRSCOs	4/10/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	2.9 JL
Benzo(A)Pyrene	1	1	2.9 JL
Benzo(B)Fluoranthene	1	1	3.3 JL
Benzo(K)Fluoranthene	0.8	3.9	1.2 JL
Chrysene	1	3.9	2.9 JL
Dibenz(A,H)Anthracene	0.33	0.33	0.6
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	2.9
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	83.4
Mercury	0.18	0.81	1.3
Zinc	109	10,000	110

Sample ID	NYSDEC	NYSDEC	SSB-J2(3-5)
Date Sampled	USCOs	RRSCOs	4/10/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	2
Benzo(A)Pyrene	1	1	2.1
Benzo(B)Fluoranthene	1	1	2.6
Benzo(K)Fluoranthene	0.8	3.9	1
Chrysene	1	3.9	2.2
Dibenz(A,H)Anthracene	0.33	0.33	0.48 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.8 J
Metals	mg/kg	mg/kg	mg/kg
Barium	350	400	462
Lead	63	400	150
Mercury	0.18	0.81	0.58
Nickel	30	310	66.4
Zinc	109	10,000	788

Sample ID	NYSDEC	NYSDEC	SSB-J3(3-5)	SSB-X(3-5)
Date Sampled	USCOs	RRSCOs	4/10/2017	4/10/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1.3	NE
Benzo(A)Pyrene	1	1	1.4	NE
Benzo(B)Fluoranthene	1	1	1.7	1.2
Chrysene	1	3.9	1.4	NE
Dibenz(A,H)Anthracene	0.33	0.33	0.42 J	NE
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.7	1.1
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	603 J	79.4 JL
Mercury	0.18	0.81	0.84	0.64
Nickel	30	310	NE	30.2 J
Zinc	109	10,000	203 J	NE

Sample ID	NYSDEC	NYSDEC	SSB-J4(3-5)
Date Sampled	USCOs	RRSCOs	4/11/2017
SVOCs	mg/kg	mg/kg	mg/kg
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.52
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	119
Mercury	0.18	0.81	0.28
Zinc	109	10,000	201

Sample ID	NYSDEC	NYSDEC	SSB-J5(3-5)
Date Sampled	USCOs	RRSCOs	4/11/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	4
Benzo(A)Pyrene	1	1	3.9
Benzo(B)Fluoranthene	1	1	4.7
Benzo(K)Fluoranthene	0.8	3.9	1.7
Chrysene	1	3.9	4.2
Dibenz(A,H)Anthracene	0.33	0.33	0.92
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	3.3
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	350
Mercury	0.18	0.81	5.5
Zinc	109	10,000	204

Sample ID	NYSDEC	NYSDEC	SSB-J(1-3)
Date Sampled	USCOs	RRSCOs	4/5/2017
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.54 JL
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	184
Mercury	0.18	0.81	0.85
Zinc	109	10,000	189

Sample ID	NYSDEC	NYSDEC	SSB-D3(3-5)
Date Sampled	USCOs	RRSCOs	4/12/2017
SVOCs	mg/kg	mg/kg	mg/kg
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.54
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	111
Mercury	0.18	0.81	0.21
Zinc	109	10,000	147

Sample ID	NYSDEC	NYSDEC	SSB-G4 (3-5)	SSB-X (3-5)
Date Sampled	USCOs	RRSCOs	4/17/2017	4/17/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	3.9	5.5
Benzo(A)Pyrene	1	1	4.2	5.9
Benzo(B)Fluoranthene	1	1	5	7.2
Benzo(K)Fluoranthene	0.8	3.9	2	2.6
Chrysene	1	3.9	4.1	5.6
Dibenz(A,H)Anthracene	0.33	0.33	0.83	1.2
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	3	4.2
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	317	274
Mercury	0.18	0.81	4.5	NE

Sample ID	NYSDEC	NYSDEC	SSB-H(3-5)
Date Sampled	USCOs	RRSCOs	4/12/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Pyrene	1	1	1.1
Benzo(B)Fluoranthene	1	1	1.4
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.79
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	174
Mercury	0.18	0.81	0.25
Zinc	109	10,000	157

Sample ID	NYSDEC	NYSDEC	SSB-H4(3-5)
Date Sampled	USCOs	RRSCOs	4/13/2017
SVOCs	mg/kg	mg/kg	mg/kg
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.62
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	98.5
Zinc	109	10,000	261

Sample ID	NYSDEC	NYSDEC	SSB-H5(3-5)
Date Sampled	USCOs	RRSCOs	4/13/2017
SVOCs	mg/kg	mg/kg	mg/kg
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.96
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	140 JH
Mercury	0.18	0.81	1.1

Sample ID	NYSDEC	NYSDEC	SSB-J6(2-4)
Date Sampled	USCOs	RRSCOs	4/11/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	2.2
Benzo(A)Pyrene	1	1	1.9
Benzo(B)Fluoranthene	1	1	2.4
Benzo(K)Fluoranthene	0.8	3.9	0.81
Chrysene	1	3.9	2.1
Dibenz(A,H)Anthracene	0.33	0.33	0.39
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.9
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	121
Mercury	0.18	0.81	0.26
Zinc	109	10,000	147

Sample ID	NYSDEC	NYSDEC	SSB-E5(3-5)
Date Sampled	USCOs	RRSCOs	4/19/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	139
Zinc	109	10,000	121

Sample ID	NYSDEC	NYSDEC	SSB-E6(3-5)
Date Sampled	USCOs	RRSCOs	4/19/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	2
Benzo(A)Pyrene	1	1	1.8
Benzo(B)Fluoranthene	1	1	2.3
Benzo(K)Fluoranthene	0.8	3.9	0.92
Chrysene	1	3.9	1.7
Dibenz(A,H)Anthracene	0.33	0.33	0.39
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.4
Metals	mg/kg	mg/kg	mg/kg
Copper	50	270	59
Lead	63	400	153
Zinc	109	10,000	193

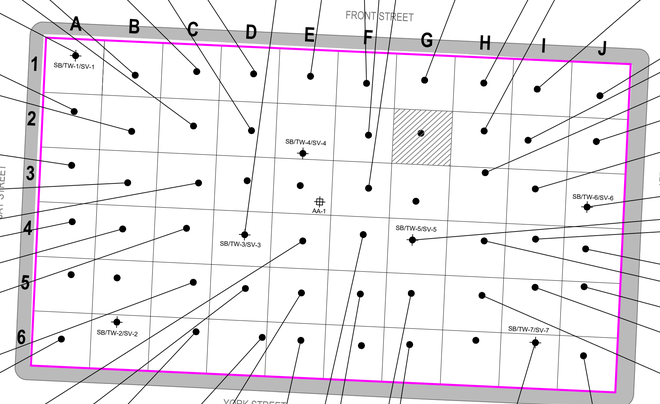
Sample ID	NYSDEC	NYSDEC	SSB-F4(3-5)	SSB-X(3-5)
Date Sampled	USCOs	RRSCOs	4/18/2017	4/18/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(B)Fluoranthene	1	1	1.2	NE
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.81	NE
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	755	678
Mercury	0.18	0.81	NE	0.41 J

Sample ID	NYSDEC	NYSDEC	SSB-F5(3-5)
Date Sampled	USCOs	RRSCOs	4/18/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	2.4
Benzo(A)Pyrene	1	1	2.6
Benzo(B)Fluoranthene	1	1	3.1
Benzo(K)Fluoranthene	0.8	3.9	1.2
Chrysene	1	3.9	2.5
Dibenz(A,H)Anthracene	0.33	0.33	0.63
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	3.1
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	198
Mercury	0.18	0.81	0.62

Sample ID	NYSDEC	NYSDEC	SSB-G5 (3-5)
Date Sampled	USCOs	RRSCOs	4/17/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	3.6
Benzo(A)Pyrene	1	1	4
Benzo(B)Fluoranthene	1	1	4.5
Benzo(K)Fluoranthene	0.8	3.9	2
Chrysene	1	3.9	3.8
Dibenz(A,H)Anthracene	0.33	0.33	1.1
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	4.1
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	325
Mercury	0.18	0.81	0.32

Sample ID	NYSDEC	NYSDEC	SSB-G6 (3-5)
Date Sampled	USCOs	RRSCOs	4/17/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	186
Mercury	0.18	0.81	0.62
Nickel	30	310	30.6

Sample ID	NYSDEC	NYSDEC	SSB-I6(3-5)
Date Sampled	USCOs	RRSCOs	4/26/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	2.5
Benzo(A)Pyrene	1	1	2.8
Benzo(B)Fluoranthene	1	1	3.3
Benzo(K)Fluoranthene	0.8	3.9	1.2
Chrysene	1	3.9	2.6
Dibenz(A,H)Anthracene	0.33	0.33	0.69
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	2.6
Metals	mg/kg	mg/kg	mg/kg
Barium	350	400	401
Lead	63	400	435
Mercury	0.18	0.81	0.28
Zinc	109	10,000	371



LEGEND

- PROJECT SITE BOUNDARY
- SOIL SAMPLING LOCATION
- SOIL, GROUNDWATER, AND SOIL VAPOR SAMPLING LOCATION
- PROPOSED SAMPLE NOT COLLECTED

A
1 ALPHANUMERIC GRID

0 30 60 120
SCALE IN FEET

SOIL

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

Exceedances of Part 375 Unrestricted Use SCOs (UUSCOS) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential (RRSCOS) are highlighted in gray.

mg/kg:milligrams per kilogram = parts per million (ppm)

J: The concentration given is an estimated value.
NS: No Standard
NE: No Exceedance
JL: The result is an estimated quantity, but the result may be biased low.
JH: The result is an estimated quantity, but the result may be biased high.

SSB-XX is a duplicate of SSB-C5

Sample ID	NYSDEC	NYSDEC	SSB-C5(3-5)	SSB-XX(3-5)
Date Sampled	USCOs	RRSCOs	4/21/2017	4/21/2017
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	29 JL	297 J

Analyte/Compound in Soil
Sample ID
Sample Date
Concentration in Soil

Map Source:
NYCDCP (NYC Dept. of City Planning 2016) GIS database.

©2017 AKRF, Inc. W:\Projects\12519 - 85 JAY STREET BROOKLYN\Technical\Hazmat\Figures\ROD\12519 Fig 3A Soil Concentration above NYSDEC SCOs 0-5.dwg last save: jzukka 7/5/2017 3:36 PM

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440 Park Avenue South, New York, NY 10016

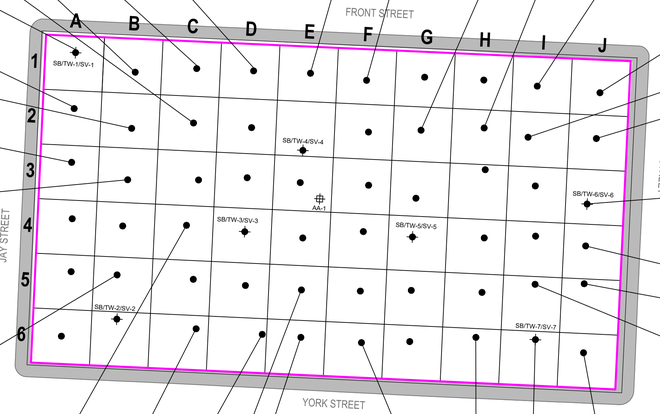
SOIL CONCENTRATIONS ABOVE NYSDEC SCOs 0 to 5 FEET

85 Jay Street
Brooklyn, New York

DATE
7/5/2017

PROJECT NO.
12519

FIGURE
3A



Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-C2(8-10) 4/21/2017
SVOCs	mg/kg	mg/kg	
Benzo(A)Anthracene	1	1	5.3
Benzo(A)Pyrene	1	1	2
Benzo(B)Fluoranthene	1	1	7.8
Benzo(K)Fluoranthene	0.8	3.9	3.2
Chrysene	1	3.9	7.2
Dibenz(A,H)Anthracene	0.33	0.33	1.1
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	3.5
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	6,020

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-B1(8-10) 4/24/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	1,750
Mercury	0.18	0.81	0.39

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-C1(8-10) 4/21/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	429
Mercury	0.18	0.81	0.30

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-A1(8-10) 4/25/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	215
Mercury	0.18	0.81	0.23

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-B2(8-10) 4/24/2017	SSB-X(8-10) 4/24/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1.4	NE
Benzo(A)Pyrene	1	1	1.9	NE
Benzo(B)Fluoranthene	1	1	2.3	NE
Chrysene	1	3.9	1.6	NE
Dibenz(A,H)Anthracene	0.33	0.33	0.44	NE
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.8	0.56 JL
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	13	16	14.6	22.2
Lead	63	400	1,860	1,910
Mercury	0.18	0.81	1.4	1.4

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-A2(8-10) 4/25/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	264

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCO	SSB-A3(8-10) 4/25/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	17
Benzo(A)Pyrene	1	1	14
Benzo(B)Fluoranthene	1	1	19
Benzo(K)Fluoranthene	0.8	3.9	7.5
Chrysene	1	3.9	17
Dibenz(A,H)Anthracene	0.33	0.33	2.5
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	9.6
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	1,710
Mercury	0.18	0.81	0.25

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-B3(8-10) 4/24/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1.8
Benzo(A)Pyrene	1	1	1.6
Benzo(B)Fluoranthene	1	1	1.8
Chrysene	1	3.9	2
Dibenz(A,H)Anthracene	0.33	0.33	0.44 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.5 J
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	10,700
Mercury	0.18	0.81	0.54

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-B5(8-10) 4/24/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	27,100
Mercury	0.18	0.81	1.0

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-C4(8-10) 4/21/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	132

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-C6(7-9) 4/21/2017
Metals	mg/kg	mg/kg	mg/kg
Cadmium	2.5	4.3	48.9
Lead	63	400	7,380

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCO	SSB-D6(8-10) 4/20/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	3.3
Benzo(A)Pyrene	1	1	3.2
Benzo(B)Fluoranthene	1	1	3.8
Benzo(K)Fluoranthene	0.8	3.9	1.5
Chrysene	1	3.9	3.3
Dibenz(A,H)Anthracene	0.33	0.33	0.8
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	3.8
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	795
Mercury	0.18	0.81	0.27 JL

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-D1(8-10) 4/20/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	10,500

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCO	SSB-E1(8-10) 4/19/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	2,450

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-E5(8-10) 4/19/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	315

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCO	SSB-E6(7-9) 4/19/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	15,500

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-F6(8-10) 4/18/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	279
Mercury	0.18	0.81	0.52

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-H6(8-10) 4/14/2017
Metals	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	47.0

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-F1 (8-10) 4/17/2017	SSB-F1(8-10) 4/17/2017
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	5,090	5,090

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-G2(5-7) 4/14/2017	SSB-G2(7-9) 4/14/2017
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	NE	4,630
Mercury	0.18	0.81	1.3	4.1

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-H2(7-9) 4/13/2017	SSB-X(7-9) 4/13/2017
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Barium	350	400	746	667
Chromium, Total	30	180	35.1 J	NE
Lead	63	400	114	87.2
Mercury	0.18	0.81	0.26	0.23

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-I1(8-10) 4/12/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	4.1
Benzo(A)Pyrene	1	1	4.1
Benzo(B)Fluoranthene	1	1	4.5
Benzo(K)Fluoranthene	0.8	3.9	2.1
Chrysene	1	3.9	4.1
Dibenz(A,H)Anthracene	0.33	0.33	0.94 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	3.5 J
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	88.6
Mercury	0.18	0.81	6.9

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-J1(8-10) 4/10/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1.2
Benzo(A)Pyrene	1	1	1.1
Benzo(B)Fluoranthene	1	1	1.4
Chrysene	1	3.9	1.2
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.3
Metals	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	37.8

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-I2(8-10) 4/12/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1.7
Benzo(A)Pyrene	1	1	1.6
Benzo(B)Fluoranthene	1	1	2.1 JL
Benzo(K)Fluoranthene	0.8	3.9	0.81
Chrysene	1	3.9	1.6 JL
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.5 JH
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	85.2 JL
Mercury	0.18	0.81	0.38

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-J2(8-10) 4/10/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1.9
Benzo(A)Pyrene	1	1	1.5
Benzo(B)Fluoranthene	1	1	2
Chrysene	1	3.9	1.6
Dibenz(A,H)Anthracene	0.33	0.33	0.34
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.6

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-J3(8-10) 4/10/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	170
Benzo(A)Pyrene	1	1	130
Benzo(B)Fluoranthene	1	1	150
Benzo(G,H,I)Perylene	100	100	120
Benzo(K)Fluoranthene	0.8	3.9	63
Chrysene	1	3.9	160
Dibenz(A,H)Anthracene	0.33	0.33	34
Fluoranthene	100	100	370
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	130
Phenanthrene	100	100	280
Pyrene	100	100	260

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-J4(8-10) 4/11/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	3.1
Benzo(A)Pyrene	1	1	2.8
Benzo(B)Fluoranthene	1	1	3.5
Benzo(K)Fluoranthene	0.8	3.9	1.4
Chrysene	1	3.9	2.9
Dibenz(A,H)Anthracene	0.33	0.33	0.74
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	2.7
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	82.1

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-J5(8-10) 4/11/2017	SSB-X(8-10) 4/11/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	NE	2.7 J
Benzo(A)Pyrene	1	1	NE	2.1 J
Benzo(B)Fluoranthene	1	1	NE	2.8 J
Benzo(K)Fluoranthene	0.8	3.9	NE	0.96 J
Chrysene	1	3.9	NE	2.5 J
Dibenz(A,H)Anthracene	0.33	0.33	NE	0.46 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.99 JL	2 J
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	133	187
Mercury	0.18	0.81	1.3 J	0.32

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-I5(8-10) 4/12/2017	SSB-XX(8-10) 4/12/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	52	53
Benzo(A)Pyrene	1	1	50	50
Benzo(B)Fluoranthene	1	1	62	53
Benzo(K)Fluoranthene	0.8	3.9	23	21
Chrysene	1	3.9	50	53
Dibenz(A,H)Anthracene	0.33	0.33	8.6	9.9
Fluoranthene	100	100	140	170
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	33	38
Phenanthrene	100	100	210	210
Pyrene	100	100	130	NE
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	128 J	70.9 J

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-J6(8-10) 4/11/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	13
Benzo(A)Pyrene	1	1	13
Benzo(B)Fluoranthene	1	1	16
Benzo(K)Fluoranthene	0.8	3.9	5.5
Chrysene	1	3.9	12
Dibenz(A,H)Anthracene	0.33	0.33	2.9
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	12
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	284 J

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-J6(7-9) 4/13/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	2.2 JL
Benzo(A)Pyrene	1	1	2.3
Benzo(B)Fluoranthene	1	1	2.7 JL
Benzo(K)Fluoranthene	0.8	3.9	1.1 JL
Chrysene	1	3.9	2.3 JL
Dibenz(A,H)Anthracene	0.33	0.33	0.55
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	2.1
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	379
Mercury	0.18	0.81	0.37

SOIL

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

Exceedances of Part 375 Unrestricted Use SCOs (UUSCOS) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential (RRSCOS) are highlighted in gray.

mg/kg:milligrams per kilogram = parts per million (ppm)

J: The concentration given is an estimated value.
NS: No Standard
NE: No Exceedance
JL: The result is an estimated quantity, but the result may be biased low.
JH: The result is an estimated quantity, but the result may be biased high.

SSB-X is a duplicate of SSB-B2

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-B2(8-10) 4/24/2017	SSB-X(8-10) 4/24/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1.4	NE
Benzo(A)Pyrene	1	1	1.9	NE
Benzo(B)Fluoranthene	1	1	2.3	NE
Chrysene	1	3.9	1.6	NE
Dibenz(A,H)Anthracene	0.33	0.33	0.44	NE
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.8	0.56 JL
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	13	16	14.6	22.2
Lead	63	400	1,860	1,910
Mercury	0.18	0.81	1.4	1.4

Analyte/Compound in Soil

Sample ID
Sample Date
Concentration in Soil

LEGEND

PROJECT SITE BOUNDARY

SOIL SAMPLING LOCATION

SOIL, GROUNDWATER, AND SOIL VAPOR SAMPLING LOCATION

ALPHANUMERIC GRID

0 30 60 120
SCALE IN FEET

Map Source:
NYCDCP (NYC Dept. of City Planning 2016)
GIS database.

©2017 AKRF, Inc. W:\Projects\12519 - 85 JAY STREET BROOKLYN\Technical\Hazmat\Figures\Rev\CAD\12519 Fig 3B Soil Concentration above NYSDEC SCOs 5-10.dwg last save: jtakla - 7/5/2017 8:49 AM

AKRF
440 Park Avenue South, New York, NY 10016

SOIL CONCENTRATIONS ABOVE NYSDEC SCOs 5 to 10 FEET

85 Jay Street
Brooklyn, New York

DATE
7/5/2017

PROJECT NO.
12519

FIGURE
3B

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-B1(13-15) 4/24/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	133

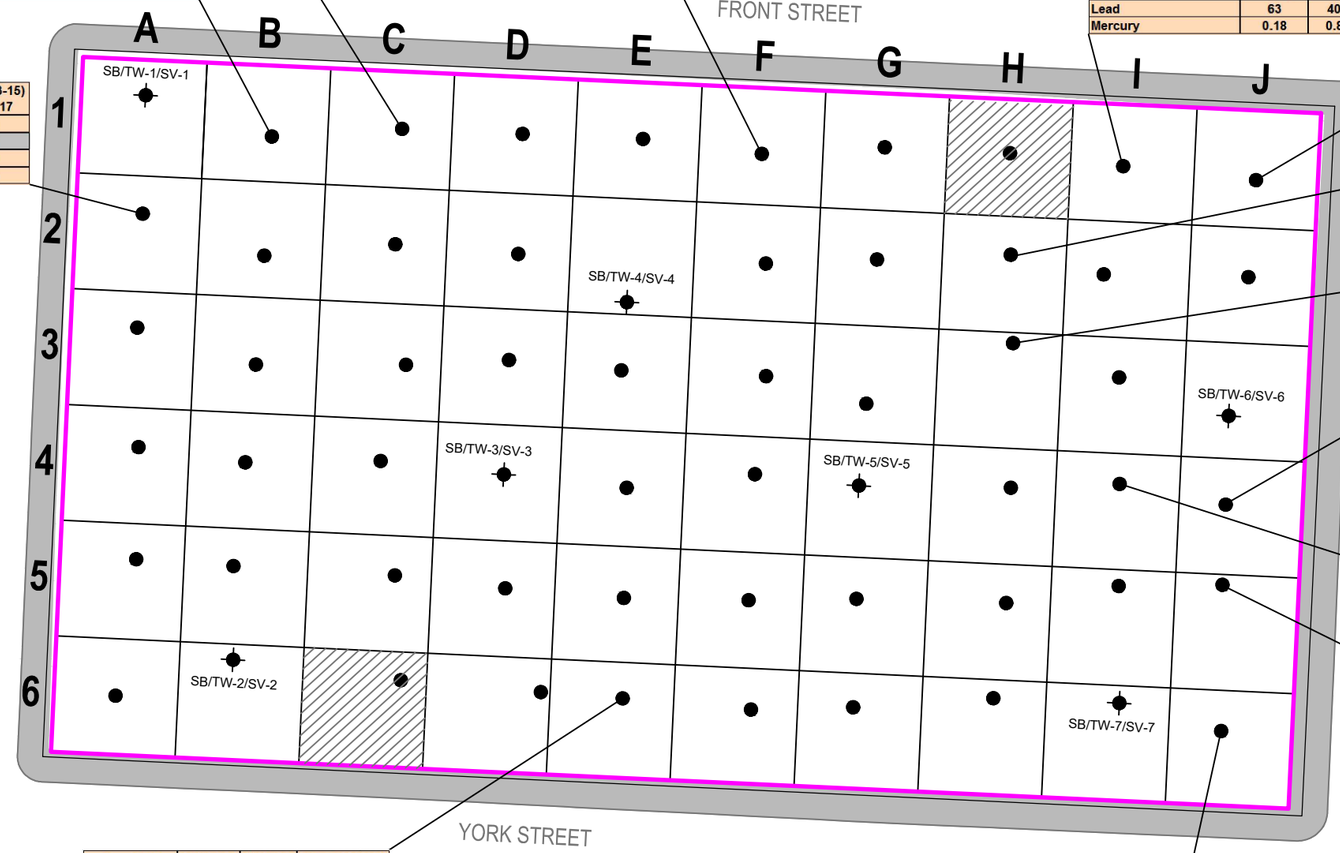
Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-C1(13-15) 4/21/2017
Metals	mg/kg	mg/kg	mg/kg
Barium	350	400	2,210
Lead	63	400	7,360
Mercury	0.18	400	0.29

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-F1 (13-15) 4/17/2017	SSB-F1(13-15) 4/17/2017
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	34.1	34.1
Lead	63	400	1,530	1,530

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-I1(13-15) 4/12/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	2.7
Benzo(A)Pyrene	1	1	2.7
Benzo(B)Fluoranthene	1	1	3.2
Benzo(K)Fluoranthene	0.8	3.9	1.4
Chrysene	1	3.9	2.8
Dibenz(A,H)Anthracene	0.33	0.33	0.51 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	2.4 J
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	158
Mercury	0.18	0.81	0.41

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCO	SSB-J1(11-13) 4/10/2017
Metals	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	35.9

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCO	SSB-A2(13-15) 4/25/2017	SSB-X(13-15) 4/25/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	NE	0.57
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	85.6	140



Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCO	SSB-H2(13-15) 4/13/2017
Metals	mg/kg	mg/kg	mg/kg
Mercury	0.18	0.81	0.29

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-H3(13-15) 4/13/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(B)Fluoranthene	1	1	1.2
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.87

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-J4(13-15) 4/11/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1.3
Benzo(A)Pyrene	1	1	1.1
Benzo(B)Fluoranthene	1	1	1.5
Chrysene	1	3.9	1.4
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.1
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	87.0
Mercury	0.18	0.81	0.20

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCO	SSB-I4(13-15) 4/12/2017
Metals	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	40.2

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-J5(13-15) 4/11/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	12
Benzo(A)Pyrene	1	1	11
Benzo(B)Fluoranthene	1	1	14
Benzo(K)Fluoranthene	0.8	3.9	4.8
Chrysene	1	3.9	10
Dibenz(A,H)Anthracene	0.33	0.33	2.2
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	9.8
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	166
Mercury	0.18	0.81	0.29

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCO	SSB-E6(13-15) 4/19/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	157

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-J6(13-15) 4/11/2017
Metals	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	30.2

SOIL

0 30 60 120
SCALE IN FEET

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

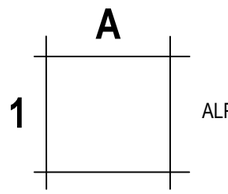
Exceedances of Part 375 Unrestricted Use SCOs (UUSCOS) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential (RRSCOS) are highlighted in gray.

mg/kg:milligrams per kilogram = parts per million (ppm)

J: The concentration given is an estimated value.
NS: Not Sampled

SSB-X is a duplicate of SSB-A2

LEGEND



ALPHANUMERIC GRID

PROJECT SITE BOUNDARY

SOIL SAMPLING LOCATION

SOIL, GROUNDWATER, AND SOIL VAPOR SAMPLING LOCATION

PROPOSED SAMPLE NOT COLLECTED

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-A2(13-15) 4/25/2017	SSB-X(13-15) 4/25/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	NE	0.57
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	85.6	140

Analyte/Compound in Soil

Sample ID

Sample Date

Concentration in Soil

Map Source:
NYCDCP (NYC Dept. of City Planning 2016) GIS database.

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W:\Projects\12519 - 85 JAY STREET BROOKLYN\Technical\Hazmat\Figures\RICAD\12519 Fig 3C Soil Concentration above NYSDEC SCOs 10-15.dwg last save: jszalus 6/30/2017 12:31 PM

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SOIL CONCENTRATIONS ABOVE NYSDEC SCOs 10 to 15 FEET

85 Jay Street
Brooklyn, New York

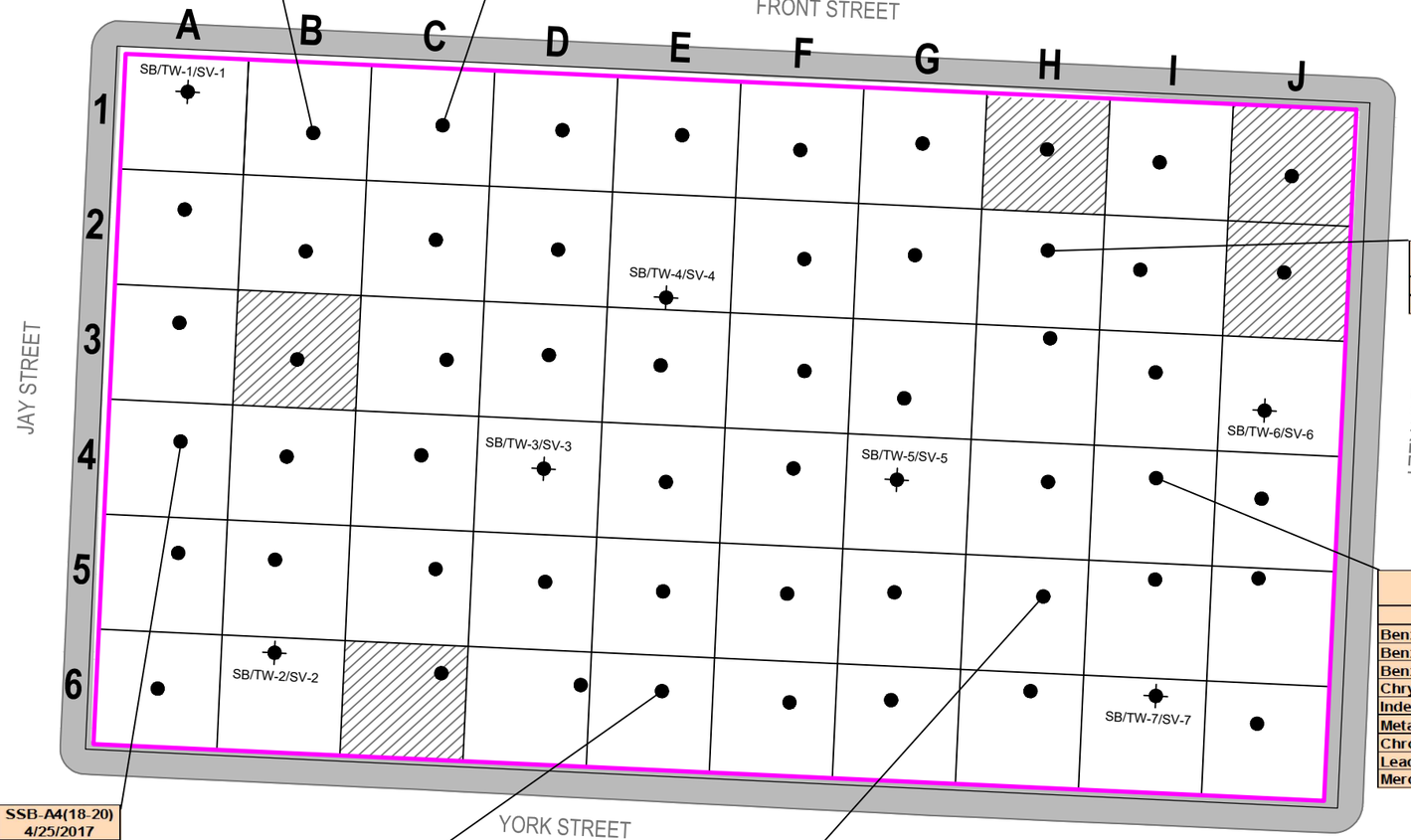
DATE
6/30/2017

PROJECT NO.
12519

FIGURE
3C

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-B1(18-20) 4/24/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	70.0

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-C1(18-20) 4/21/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	102



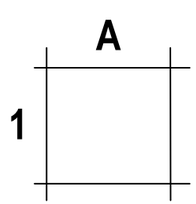
Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-H2(16-17) 4/13/2017
SVOCs	mg/kg	mg/kg	mg/kg
Chrysene	1	3.9	2.1 J

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-I4(15-17) 4/12/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1.3
Benzo(A)Pyrene	1	1	1.2
Benzo(B)Fluoranthene	1	1	1.4
Chrysene	1	3.9	1.2
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	1.1
Metals	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	36.2
Lead	63	400	92.8
Mercury	0.18	0.81	0.19

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-A4(18-20) 4/25/2017
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(A)Anthracene	1	1	1.2
Benzo(A)Pyrene	1	1	1.1
Benzo(B)Fluoranthene	1	1	1.5
Chrysene	1	3.9	1.2
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.76
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	205

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-H5(18-20) 4/13/2017
Metals	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	34.6

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-E6(18-20) 4/19/2017
SVOCs	mg/kg	mg/kg	mg/kg
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.64
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	9,920
Mercury	0.18	0.81	0.23



ALPHANUMERIC GRID

LEGEND

- PROJECT SITE BOUNDARY
- SOIL SAMPLING LOCATION
- SOIL, GROUNDWATER, AND SOIL VAPOR SAMPLING LOCATION
- PROPOSED SAMPLE NOT COLLECTED

0 30 60 120

SCALE IN FEET

SOIL

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

Exceedances of Part 375 Unrestricted Use SCOs (UUSCOS) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential (RRSCOS) are highlighted in gray.

mg/kg:milligrams per kilogram = parts per million (ppm)

J: The concentration given is an estimated value.
NS: Not Sampled

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-H2(16-17) 4/13/2017
SVOCs	mg/kg	mg/kg	mg/kg
Chrysene	1	3.9	2.1 J

Analyte/Compound in Soil

Sample ID

Sample Date

Concentration in Soil

Map Source:
NYCDCP (NYC Dept. of City Planning 2016) GIS database.

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Brooklyn, New York

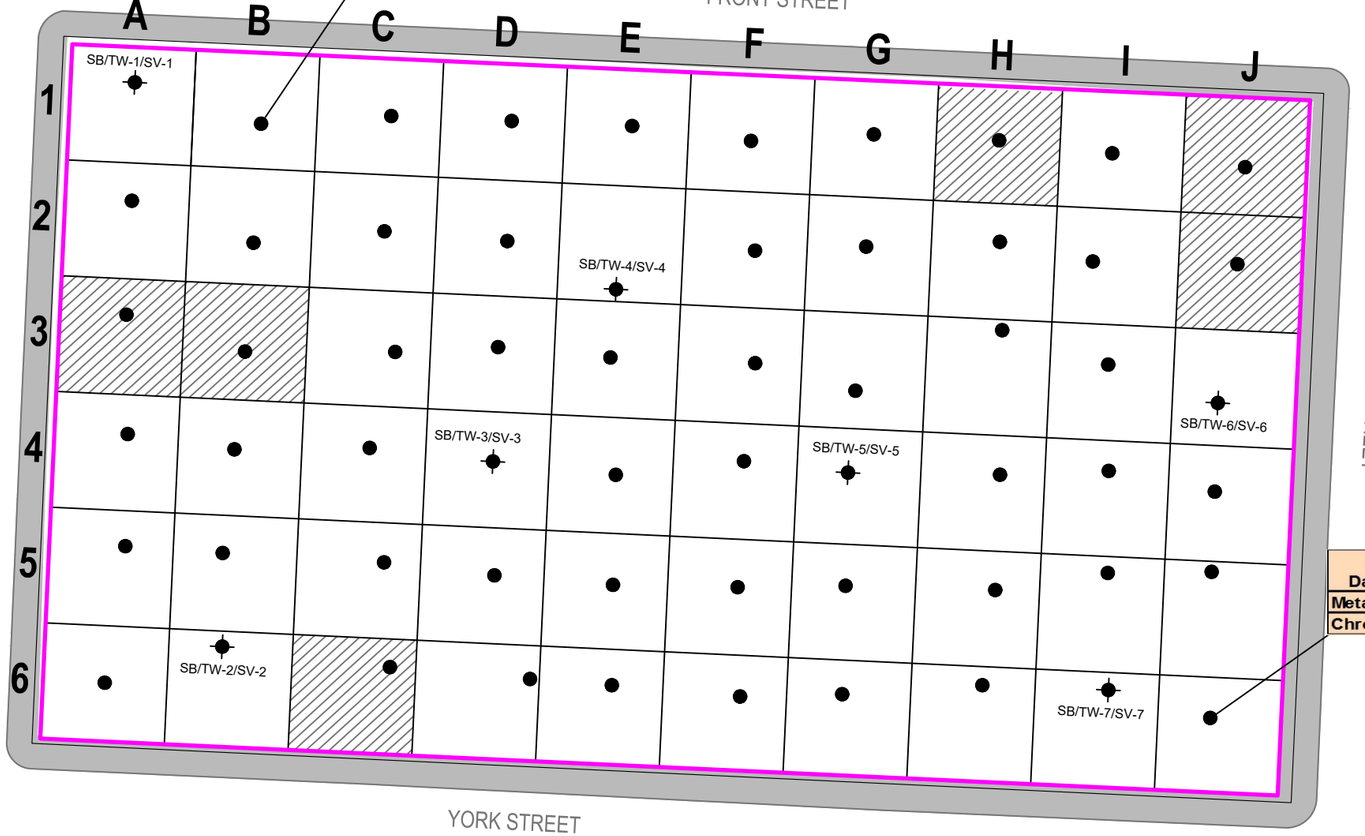
SOIL CONCENTRATIONS ABOVE NYSDEC SCOs 15 to 20 FEET

DATE
6/30/2017

PROJECT NO.
12519

FIGURE
3D

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-B1(23-25) 4/24/2017
Metals	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	43.3



Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-J6(23-25) 4/11/2017
Metals	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	68.3

LEGEND

PROJECT SITE BOUNDARY

SOIL SAMPLING LOCATION

SOIL, GROUNDWATER, AND SOIL VAPOR SAMPLING LOCATION

PROPOSED SAMPLE NOT COLLECTED

A
1
ALPHANUMERIC GRID

SOIL

0 30 60 120
SCALE IN FEET

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

Exceedances of Part 375 Unrestricted Use SCOs (UUSCOS) are highlighted in bold font.

mg/kg:milligrams per kilogram = parts per million (ppm)

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-B1(23-25) 4/24/2017
Metals	mg/kg	mg/kg	mg/kg
Chromium, Total	30	180	43.3

Analyte/Compound in Soil
Sample ID
Sample Date
Concentration in Soil

Map Source:
NYCDCP (NYC Dept. of City Planning 2016) GIS database.

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Brooklyn, New York

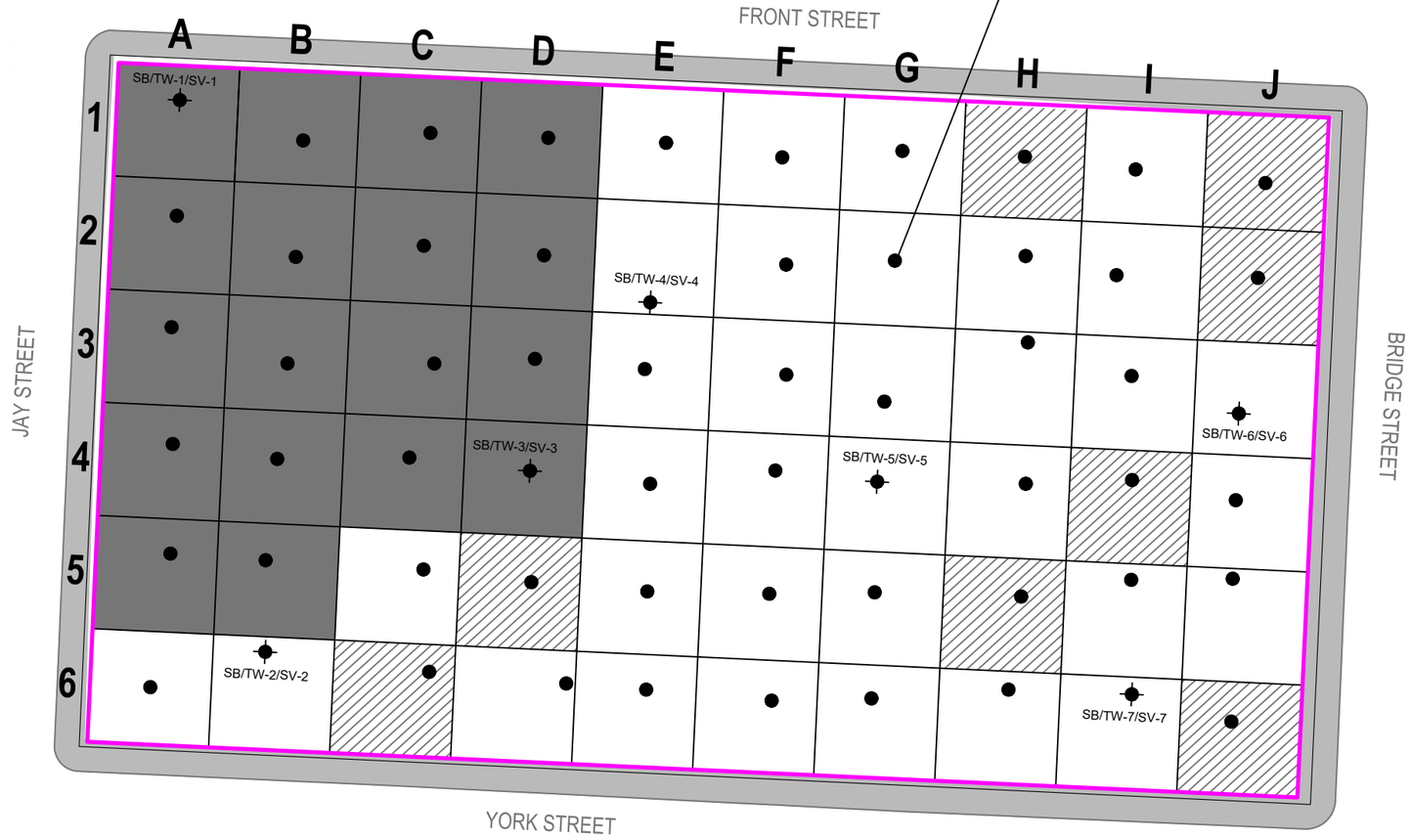
SOIL CONCENTRATIONS ABOVE NYSDEC SCOs 20 to 25 FEET

DATE
6/28/2017

PROJECT NO.
12519

FIGURE
3E

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-G2(28-30) 4/14/2017
Metals	mg/kg	mg/kg	mg/kg
Mercury	0.18	0.81	1.8



0 30 60 120

SCALE IN FEET

LEGEND

PROJECT SITE BOUNDARY

SOIL SAMPLING LOCATION

SOIL, GROUNDWATER, AND SOIL VAPOR SAMPLING LOCATION

PROPOSED SAMPLE NOT COLLECTED

NO SAMPLE PROPOSED, INTERNAL BEYOND EXCAVATION DEPTH

A
1
ALPHANUMERIC GRID

SOIL

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

Exceedances of Part 375 Unrestricted Use SCOs (UUSCOS) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential (RRSCOS) are highlighted in gray.

mg/kg:milligrams per kilogram = parts per million (ppm)

Sample ID Date Sampled	NYSDEC USCOs	NYSDEC RRSCOs	SSB-G2(28-30) 4/14/2017
Metals	mg/kg	mg/kg	mg/kg
Mercury	0.18	0.81	1.8

Analyte/Compound in Soil

Sample ID

Sample Date

Concentration in Soil

Map Source:
NYCDCP (NYC Dept. of City Planning 2016) GIS database.

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440 Park Avenue South, New York, NY 10016

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SOIL CONCENTRATIONS ABOVE NYSDEC SCOs 25 to 30 FEET

DATE
6/28/2017

PROJECT NO.
12519

FIGURE
3F

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Sample ID Date Sampled	NYSDEC AWQS	TW-1 4/26/2017
Dissolved Metals	µg/L	µg/L
Sodium	20,000	21,000
Total Metals	µg/L	µg/L
Sodium	20,000	21,700

Sample ID Date Sampled	NYSDEC AWQS	TW-4 4/27/2017	TW-X 4/27/2017
Dissolved	µg/L	µg/L	µg/L
Magnesium	35,000	71,000	66,600
Selenium	10	10.9 J	10.4 J
Sodium	20,000	115,000	108,000
Total Metals	µg/L	µg/L	µg/L
Iron	300	826 J	489 J
Magnesium	35,000	72,000	74,500
Sodium	20,000	117,000	122,000

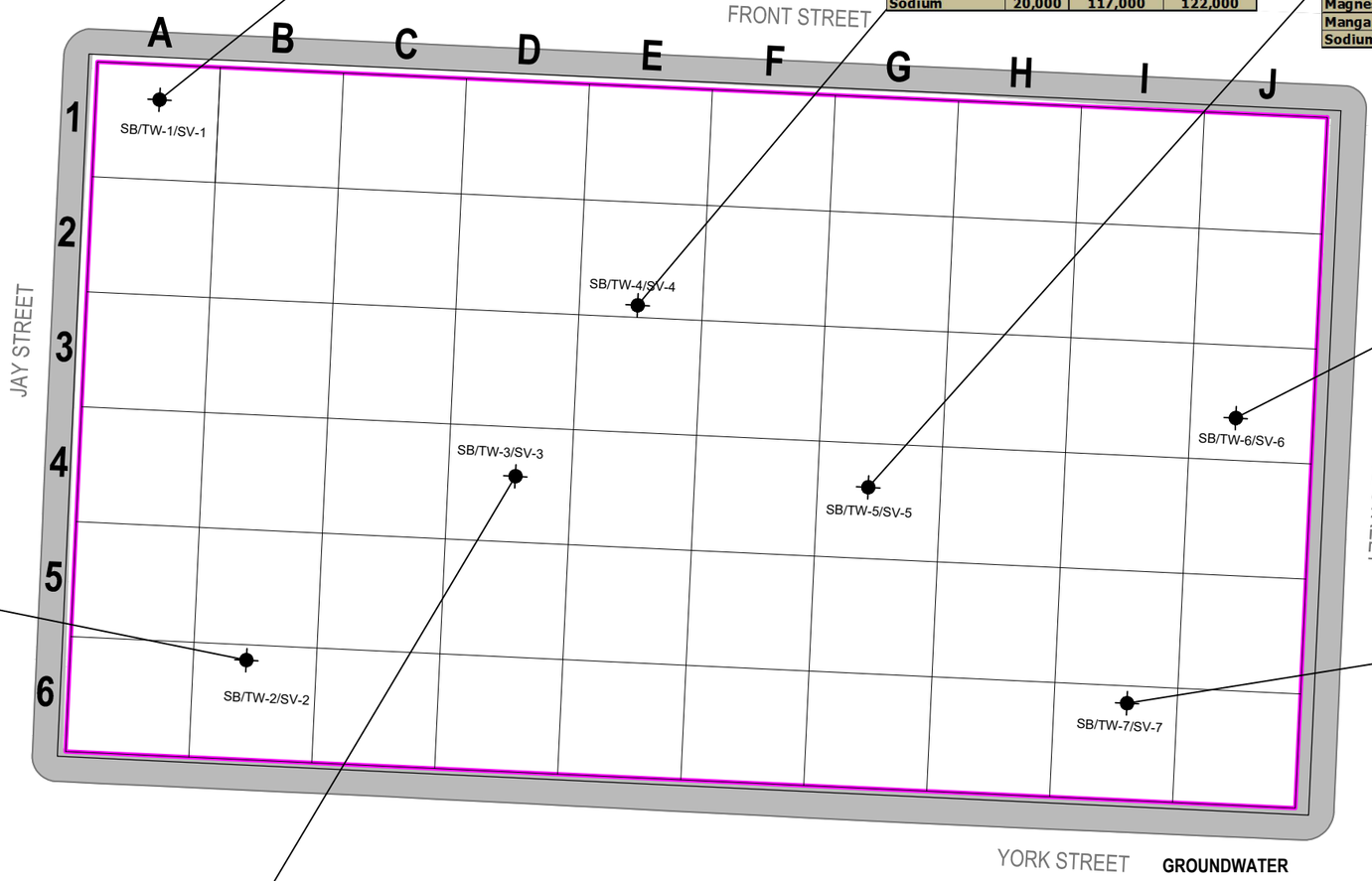
Sample ID Date Sampled	NYSDEC AWQS	TW-5 4/27/2017
Dissolved Metals	µg/L	µg/L
Magnesium	35,000	35,400
Manganese	300	740
Sodium	20,000	44,000
Total Metals	µg/L	µg/L
Iron	300	541
Magnesium	35,000	38,100
Manganese	300	809
Sodium	20,000	47,800

Sample ID Date Sampled	NYSDEC AWQS	TW-6 4/28/2017
VOCs	µg/L	µg/L
Chloroform	7	10
Dissolved Metals	µg/L	µg/L
Sodium	20,000	74,400
Total Metals	µg/L	µg/L
Sodium	20,000	78,300

Sample ID Date Sampled	NYSDEC AWQS	TW-7 4/28/2017
VOCs	µg/L	µg/L
Chloroform	7	18
Dissolved Metals	µg/L	µg/L
Manganese	300	342
Sodium	20,000	85,300
Total Metals	µg/L	µg/L
Magnesium	35,000	35,100
Manganese	300	350
Sodium	20,000	90,200

Sample ID Date Sampled	NYSDEC AWQS	TW-2 4/26/2017
Dissolved	µg/L	µg/L
Lead	25	48.5
Magnesium	35,000	49,700
Sodium	20,000	277,000
Total Metals	µg/L	µg/L
Lead	25	68.4
Magnesium	35,000	56,600
Sodium	20,000	313,000

Sample ID Date Sampled	NYSDEC AWQS	TW-3 4/26/2017
Dissolved	µg/L	µg/L
Magnesium	35,000	80,000
Manganese	300	330
Sodium	20,000	127000 J
Total Metals	µg/L	µg/L
Magnesium	35,000	85,500
Manganese	300	381
Sodium	20,000	136,000



0 30 60 120

SCALE IN FEET

GROUNDWATER

NYSDEC Class GA Ambient Standard:
New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. (AWQS)

Exceedances of NYSDEC Class GA Ambient Standards are highlighted in bold font.

(µg/L) - micrograms per Liter = parts per billion (ppb)

J: The concentration given is an estimated value.

LEGEND

PROJECT SITE BOUNDARY

SOIL SAMPLING LOCATION

SOIL, GROUNDWATER, AND SOIL VAPOR SAMPLING LOCATION

A
1
ALPHANUMERIC GRID

Sample ID Date Sampled	NYSDEC AWQS	TW-4 4/27/2017	TW-X 4/27/2017
Dissolved	µg/L	µg/L	µg/L
Magnesium	35,000	71,000	66,600
Selenium	10	10.9 J	10.4 J
Sodium	20,000	115,000	108,000
Total Metals	µg/L	µg/L	µg/L
Iron	300	826 J	489 J
Magnesium	35,000	72,000	74,500
Sodium	20,000	117,000	122,000

Compound in Groundwater/Analyte

Sample ID

Sample Date

MW-X is a duplicate of TW-4

Concentration in water

Map Source:
NYCDCP (NYC Dept. of City Planning 2016) GIS database.

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440 Park Avenue South, New York, NY 10016

85 Jay Street
Brooklyn, New York

GROUNDWATER SAMPLE CONCENTRATIONS ABOVE AWQSs

DATE
6/30/2017

PROJECT NO.
12519

FIGURE
4

Sample ID Date Sampled	NYSDOH AGV	SV-1 4/27/2017
Compound	µg/m³	µg/m³
1,2,4-Trimethylbenzene	NS	11
2-Hexanone	NS	56
Acetone	NS	78
Benzene	NS	3.9
Dichlorodifluoromethane	NS	19
Ethylbenzene	NS	8.7
M,P-Xylenes	NS	33
Methyl Ethyl Ketone (2-Butanone)	NS	510
N-Heptane	NS	28
N-Hexane	NS	5.3
O-Xylene (1,2-Dimethylbenzene)	NS	11
Tetrachloroethylene (PCE)	30	**42**
Toluene	NS	37
Trichloroethylene (TCE)	2	**31**
Trichlorofluoromethane	NS	120
Xylenes, Total	NS	44

Sample ID Date Sampled	NYSDOH AGV	SV-4 4/27/2017
Compound	µg/m³	µg/m³
1,1,1-Trichloroethane	NS	29
1,2,4-Trimethylbenzene	NS	11
2-Hexanone	NS	63
Acetone	NS	130
Butane	NS	19
Carbon Tetrachloride	NS	3.5
Chloroform	NS	19
Dichlorodifluoromethane	NS	160
Ethylbenzene	NS	8.8
M,P-Xylenes	NS	33
Methyl Ethyl Ketone (2-Butanone)	NS	720
N-Heptane	NS	25
N-Hexane	NS	7.5
O-Xylene (1,2-Dimethylbenzene)	NS	11
Tetrachloroethylene (PCE)	30	**34**
Toluene	NS	36
Trichloroethylene (TCE)	2	**290**
Trichlorofluoromethane	NS	250
Xylenes, Total	NS	43

TCE- 290

Sample ID Date Sampled	NYSDOH AGV	SV-2 4/27/2017
Compound	µg/m³	µg/m³
1,2,4-Trimethylbenzene	NS	110
2-Hexanone	NS	140
4-Ethyltoluene	NS	40
Butane	NS	23
Cymene	NS	20
Ethylbenzene	NS	16
M,P-Xylenes	NS	48
Methyl Ethyl Ketone (2-Butanone)	NS	1,200
N-Heptane	NS	24
Sec-Butylbenzene	NS	22
Tetrachloroethylene (PCE)	30	**88**
Toluene	NS	48
Trichloroethylene (TCE)	2	**4.9**

Sample ID Date Sampled	NYSDOH AGV	SV-3 4/27/2017
Compound	µg/m³	µg/m³
1,1,1-Trichloroethane	NS	17
2-Hexanone	NS	38
Butane	NS	17
Carbon Tetrachloride	NS	2.7
Dichlorodifluoromethane	NS	150
M,P-Xylenes	NS	20
Methyl Ethyl Ketone (2-Butanone	NS	450
N-Heptane	NS	15
N-Hexane	NS	6.4
O-Xylene (1,2-Dimethylbenzene)	NS	6.8
Tetrachloroethylene (PCE)	30	**71**
Toluene	NS	26
Trichloroethylene (TCE)	2	**170**
Trichlorofluoromethane	NS	230
Xylenes, Total	NS	27

TCE- 170

Sample ID Date Sampled	NYSDOH AGV	AA-1 4/27/2017
Compound	µg/m³	µg/m³
Benzene	NS	0.86
Butane	NS	3.5
Carbon Tetrachloride	NS	0.49
Chloromethane	NS	1.2
Dichlorodifluoromethane	NS	3.3
Tetrachloroethylene (PCE)	30	1.3
Toluene	NS	2.2
Trichlorofluoromethane	NS	3.3

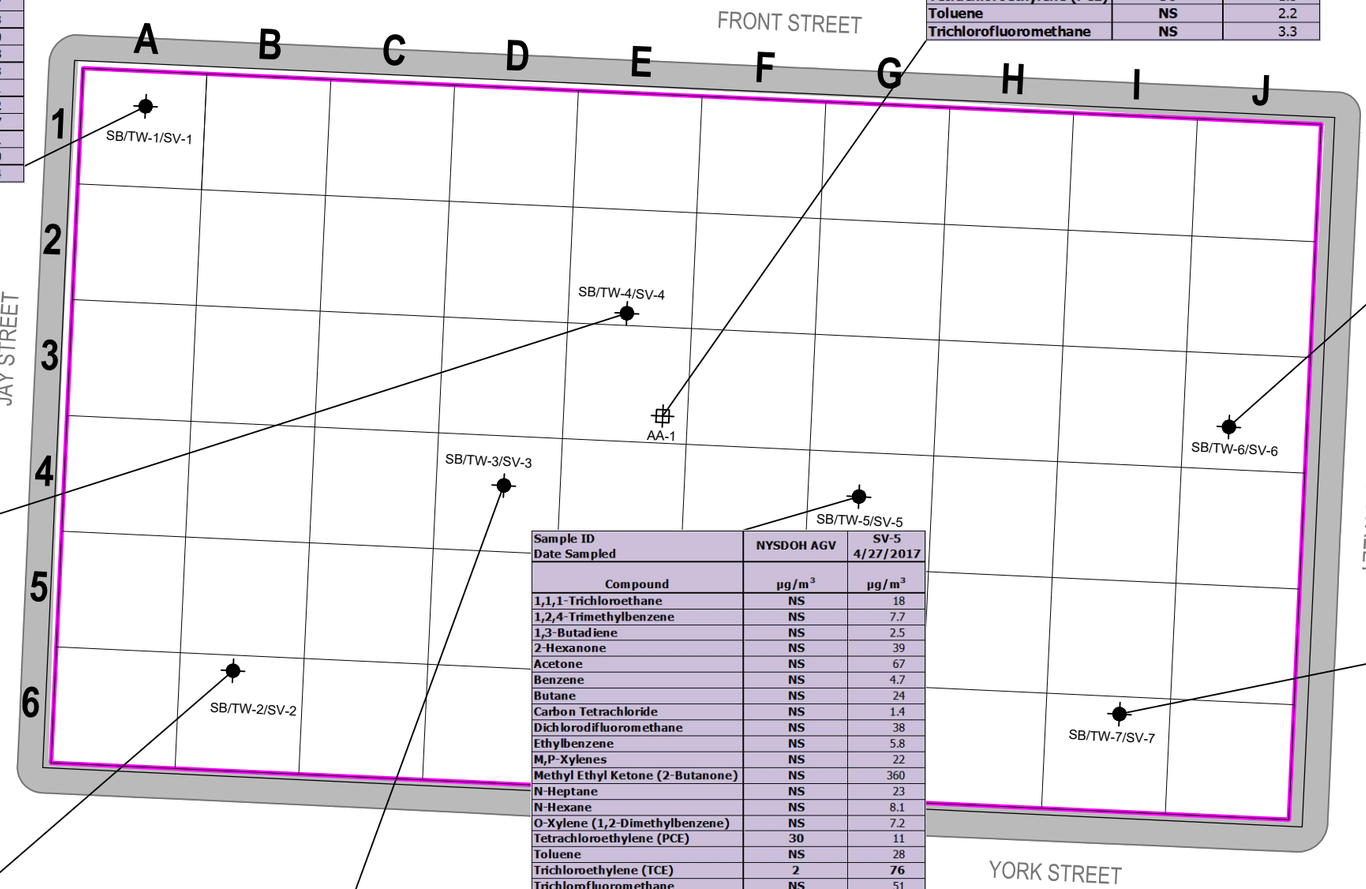
Sample ID Date Sampled	NYSDOH AGV	SV-5 4/27/2017
Compound	µg/m³	µg/m³
1,1,1-Trichloroethane	NS	18
1,2,4-Trimethylbenzene	NS	7.7
1,3-Butadiene	NS	2.5
2-Hexanone	NS	39
Acetone	NS	67
Benzene	NS	4.7
Butane	NS	24
Carbon Tetrachloride	NS	1.4
Dichlorodifluoromethane	NS	38
Ethylbenzene	NS	5.8
M,P-Xylenes	NS	22
Methyl Ethyl Ketone (2-Butanone)	NS	360
N-Heptane	NS	23
N-Hexane	NS	8.1
O-Xylene (1,2-Dimethylbenzene)	NS	7.2
Tetrachloroethylene (PCE)	30	11
Toluene	NS	28
Trichloroethylene (TCE)	2	**76**
Trichlorofluoromethane	NS	51
Xylenes, Total	NS	30

Sample ID Date Sampled	NYSDOH AGV	SV-6 4/27/2017
Compound	µg/m³	µg/m³
1,1,1-Trichloroethane	NS	10
1,2,4-Trimethylbenzene	NS	12
1,3,5-Trimethylbenzene (Mesitylene	NS	7.9
2-Hexanone	NS	50
Benzene	NS	39
Butane	NS	16
Chloroform	NS	10
Ethylbenzene	NS	14
M,P-Xylenes	NS	56
Methyl Ethyl Ketone (2-Butanone)	NS	480
N-Heptane	NS	24
N-Hexane	NS	8.3
O-Xylene (1,2-Dimethylbenzene)	NS	28
Toluene	NS	68
Trichloroethylene (TCE)	2	**91**
Xylenes, Total	NS	85

TCE- 91

Sample ID Date Sampled	NYSDOH AGV	SV-7 4/27/2017
VOCs	µg/m³	µg/m³
1,2,4-Trimethylbenzene	NS	12
2-Hexanone	NS	97
Acetone	NS	160
Benzene	NS	16
Butane	NS	33
Carbon Tetrachloride	NS	30
Chloroform	NS	16
Ethylbenzene	NS	9
M,P-Xylenes	NS	34
Methyl Ethyl Ketone (2-Butanone)	NS	750
N-Heptane	NS	32
N-Hexane	NS	8.9
O-Xylene (1,2-Dimethylbenzene)	NS	12
Toluene	NS	39
Trichloroethylene (TCE)	2	**110**
Xylenes, Total	NS	46

TCE- 110



LEGEND

- PROJECT SITE BOUNDARY
- SOIL SAMPLING LOCATION
- SOIL, GROUNDWATER, AND SOIL VAPOR SAMPLING LOCATION
- OUTDOOR AMBIENT AIR SAMPLING LOCATION
- A / 1 — ALPHANUMERIC GRID

0 30 60 120
SCALE IN FEET

SOIL VAPOR

NYSDOH Soil Vapor Intrusion Air Guidance Value:
NYSDOH Air Guideline Values (AGVs) presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 (NYSDOH Vapor Intrusion Guidance Document).

Exceedances of NYSDOH Soil Vapor Intrusion Air Guidance Values are highlighted in bold font.

(µg/m³): micrograms per cubic meter

Sample ID Date Sampled	NYSDOH AGV	SV-1 4/27/2017
Compound	µg/m³	µg/m³
1,2,4-Trimethylbenzene	NS	11
2-Hexanone	NS	56

Compound in Soil Vapor
Sample ID
Sample Date
Concentration in Soil Vapor

Map Source:
NYCDCP (NYC Dept. of City Planning 2016) GIS database.

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W:\Projects\12519 - 85 JAY STREET BROOKLYN\Technical\Hazmat\Figures\RICAD\12519 Fig 4 GW & SV Concentrations.dwg last save: jszalus 6/30/2017 1:40 PM

AKRF
440 Park Avenue South, New York, NY 10016

85 Jay Street
Brooklyn, New York

SOIL VAPOR AND AMBIENT AIR DETECTIONS

DATE
6/30/2017

PROJECT NO.
12519

FIGURE
5

TABLES

Table 1
Soil Sampling Rationale
85 Jay Street, Brooklyn, NY

Cell ID	Surface elevation	Excavation elevation	Cell thickness	Termination Depth (feet)	No. of samples	Summary of RECs/AOCs	Parameters				Comments
							PAHs	Metals	VOCs	PCBs	
A1	25.70	3.85	21.85	25	5	Historical electrical substation, shallow (0-2) PAHs, shallow and deep (22-24) lead	x	x		x	Geotech refusal at 11 feet below grade.
A2	27.30	3.85	23.45	25	5	Historical electrical substation, shallow (0-2) PAHs, shallow and deep (22-24) lead	x	x		x	Shallow refusal at 20 feet below grade
A3	27.30	3.85	23.45	20	4	Historical electrical substation	x	x		x	
A4	27.30	3.85	23.45	25	5	Historical electrical substation (N) and smelting company (S), shallow (2-4) and deep (10-12) lead, deep PAHs	x	x		x	
A5	29.40	3.85	25.55	25	5	On-site surrounding uses	x	x	x		Geotech refusal at 15 feet below grade.
A6	38.40	3.85	34.55	35	7	Shallow (0-2) SVOC hotspot (total SVOCs = 823 ppm), PCE in GW, metals in GW	x	x	x	x	
B1	26.44	3.85	22.59	25	5	Historical electrical substation	x	x		x	
B2	27.00	3.85	23.15	25	5	Historical electrical substation, shallow (2-4) PAHs and lead	x	x		x	
B3	27.50	3.85	23.65	15	3	Historical electrical substation, shallow (2-4) PAHs and lead	x	x		x	Shallow refusal at 15 feet below grade, and geotech refusals at 5 and 9 feet below grade.
B4	28.20	3.85	24.35	25	5	Historical electrical substation (N) and smelting company (S), shallow (2-4) and deep (10-12) lead, deep PAHs	x	x		x	
B5	29.90	3.85	26.05	25	5	On-site surrounding uses	x	x			Geotech refusal at 15 feet below grade.
B6	31.70	3.85	27.85	30	6	On-site surrounding uses	x	x	x		PID readings up to 100 ppm encountered in first 15 feet. Geotech refusal at 9 feet below grade.
C1	28.70	3.85	24.85	25	5	historical corroding beds, shallow (3-5) and deep (11-13) lead, PID reading = 65 ppm	x	x	x		
C2	27.70	3.85	23.85	25	5	Historical corroding beds	x	x			Concrete slab encountered in geotech investigation, geotech refusal at 11 feet below grade.
C3	28.40	3.85	24.55	25	5	Historical corroding beds	x	x			Geotech refusal at 8 feet below grade.
C4	29.10	3.85	25.25	25	5	historical corroding beds, shallow (2-4) lead	x	x			
C5	31.20	3.85	27.35	30	6	shallow (2-4) lead	x	x			
C6	32.50	3.85	28.65	9	2	On-site surrounding uses	x	x			Shallow refusal at 9 feet below grade, reinforced concrete encountered during GPR.
D1	29.80	3.85	25.95	25	5	historical corroding beds, shallow (3-5) and deep (11-13) lead, PID reading = 65 ppm	x	x	x		
D2	28.70	3.85	24.85	25	5	Historical corroding beds	x	x			
D3	29.25	3.85	25.40	25	5	Historical corroding beds	x	x			
D4	29.80	3.85	25.95	25	5	Historical corroding beds	x	x		x	
D5	31.50	3.85	27.65	24	5	Historical corroding beds	x	x		x	PID readings up to 200 ppm encountered in first 12 feet. Shallow refusal at 24 feet below grade, and geotech refusal at 11 feet below grade.
D6	33.70	3.85	29.85	30	6	Historical corroding beds	x	x			
E1	30.20	3.85	26.35	30	6	On-site surrounding uses	x	x			

Table 1
Soil Sampling Rationale
85 Jay Street, Brooklyn, NY

Cell ID	Surface elevation	Excavation elevation	Cell thickness	Termination Depth (feet)	No. of samples	Summary of RECs/AOCs	Parameters				Comments
							PAHs	Metals	VOCs	PCBs	
E2	30.10	3.85	26.25	30	6	On-site surrounding uses	x	x			
E3	30.47	3.85	26.62	30	6	Historical corroding beds, shallow (2-4) PAHs	x	x			
E4	31.20	3.85	27.35	30	6	Historical corroding beds, shallow (2-4) PAHs	x	x		x	
E5	33.10	3.85	29.25	30	6	Historical corroding beds, shallow (0-2) PCBs, unfiltered metals in GW	x	x		x	
E6	35.10	3.85	31.25	30	6	Historical corroding beds	x	x			
F1	33.00	3.85	29.15	30	6	Shallow (0-4) PAHs, deep (13-15) lead, petro VOCs in GW, metals in GW	x	x	x		
F2	33.40	3.85	29.55	30	6	On-site surrounding uses	x	x			Geotech refusal at 2 feet below grade.
F3	35.35	3.85	31.50	35	7	Shallow (0-4)and deep (34-36) PAHs, petro VOCs in GW, unfiltered metals in GW	x	x	x		Geotech refusals at 7 and 8 feet below grade.
F4	35.20	3.85	31.35	35	7	On-site surrounding uses	x	x			
F5	37.30	3.85	33.45	34	7	On-site surrounding uses	x	x			Shallow refusal at 34 feet below grade, and geotech refusal at 2 feet below grade.
F6	39.80	3.85	35.95	34	7	On-site surrounding uses	x	x			Shallow refusal at 34 feet below grade, and geotech refusal at 6 feet below grade.
G1	35.20	3.85	31.35	35	7	deep (13-15) lead	x	x			Geotech refusals at 2 and 8 feet below grade.
G2	35.50	3.85	31.65	30	6	On-site surrounding uses	x	x			Concrete slab first 5 feet, shallow refusal at 30 feet below grade, geotech refusals at 1 and 3 feet below grade.
G3	35.35	3.85	31.50	35	7	On-site surrounding uses	x	x			Concrete slab and footings encountered, geotech refusals at 1 and 7 feet below grade.
G4	35.20	3.85	31.35	35	7	On-site surrounding uses	x	x			
G5	37.63	3.85	33.78	35	7	On-site surrounding uses	x	x			
G6	39.80	3.85	35.95	35	7	On-site surrounding uses	x	x			

Table 1
Soil Sampling Rationale
85 Jay Street, Brooklyn, NY

Cell ID	Surface elevation	Excavation elevation	Cell thickness	Termination Depth (feet)	No. of samples	Summary of RECs/AOCs	Parameters				Comments
							PAHs	Metals	VOCs	PCBs	
H1	37.30	3.85	33.45	9	2	On-site surrounding uses	x	x			Shallow refusal at 9 feet below grade, geotech refusal at 9, 11, and 15 feet below grade.
H2	37.90	3.85	34.05	35	7	On-site surrounding uses	x	x			
H3	37.85	3.85	34.00	35	7	On-site surrounding uses	x	x			Geotech refusals at 1 and 7 feet below grade.
H4	37.80	3.85	33.95	35	7	On-site surrounding uses	x	x			
H5	37.90	3.85	34.05	24	5	On-site surrounding uses	x	x			Shallow refusal at 24 feet below grade, geotech refusal at 3 feet below grade.
H6	41.20	3.85	37.35	40	8	On-site surrounding uses	x	x			
I1	38.40	3.85	34.55	35	7	On-site surrounding uses	x	x			
I2	38.60	3.85	34.75	35	7	On-site surrounding uses	x	x			
I3	38.65	3.85	34.80	35	7	On-site surrounding uses	x	x			
I4	38.70	3.85	34.85	17	4	On-site surrounding uses	x	x			Shallow refusal at 17 feet below grade
I5	39.20	3.85	35.35	35	7	On-site surrounding uses	x	x			
I6	41.20	3.85	37.35	40	8	On-site surrounding uses	x	x			
J1	38.60	3.85	34.75	13	3	On-site surrounding uses, east-adjacent historical MGP	x	x	x		Shallow refusal at 13 feet below grade, geotech refusal at 10 and 15 feet below grade.
J2	39.30	3.85	35.45	13	3	shallow (0-4) PAHs, east-adjacent historical MGP	x	x	x		Shallow refusal at 13 feet below grade, geotech refusal at 8 feet below grade.
J3	40.15	3.85	36.30	40	8	On-site surrounding uses, east-adjacent historical MGP	x	x	x		Geotech refusal at 11 and 15 feet below grade.
J4	40.50	3.85	36.65	40	8	On-site surrounding uses, east-adjacent historical MGP	x	x	x		PID readings up to 120 ppm between 35 and 39 feet below ground surface.
J5	41.50	3.85	37.65	40	8	On-site surrounding uses, east-adjacent historical MGP	x	x	x		
J6	43.12	3.85	39.27	25	5	On-site surrounding uses, east-adjacent historical MGP	x	x	x		Shallow refusal at 25 feet below grade
						Field Sample Quantity	**347**	**347**	**49**	**42**	
						Total Borings Sampled	**60**	**60**	**13**	**13**	

Table 1A
Groundwater and Soil Vapor Sampling Rationale
85 Jay Street, Brooklyn, NY

Sampling Locations	Location	Analytical Group	Rationale
TW-1/SV-1	Northwestern portion of Site	Groundwater: VOCs, SVOCs, PCBs, and Metals Soil vapor: VOCs	- To fill in data gaps and assess groundwater and soil vapor quality in the northwestern portion of the Site.
TW-2/SV-2	Southwestern portion of Site	Groundwater: VOCs, SVOCs, PCBs, and Metals Soil vapor: VOCs	- To fill in data gaps and assess groundwater and soil vapor quality in the southwestern portion of the Site. - To further assess/delineate the extent of the SVOC hotspot and PCE groundwater contamination near Phase II soil boring B-7.
TW-3/SV-3	West-central portion of Site	Groundwater: VOCs, SVOCs, PCBs, and Metals Soil vapor: VOCs	- To fill in data gaps and assess groundwater and soil vapor quality in the west-central portion of the Site.
TW-4/SV-4	North-central portion of Site	Groundwater: VOCs, SVOCs, PCBs, and Metals Soil vapor: VOCs	- To fill in data gaps and assess groundwater and soil vapor quality in the north-central portion of the Site.
TW-5/SV-5	South-central portion of Site	Groundwater: VOCs, SVOCs, PCBs, and Metals Soil vapor: VOCs	- To fill in data gaps and assess groundwater and soil vapor quality in the south-central portion of the Site.
TW-6/SV-6	Northeastern portion of Site	Groundwater: VOCs, SVOCs, PCBs, and Metals Soil vapor: VOCs	- To fill in data gaps and assess up-gradient groundwater and soil vapor quality in the northeast portion of the Site.
TW-7/SV-7	Southeastern portion of Site	Groundwater: VOCs, SVOCs, PCBs, and Metals Soil vapor: VOCs	- To fill in data gaps and assess up-gradient groundwater and soil vapor quality in the southeast portion of the Site.
AA-1	Central portion of Site	Ambient Air: VOCs	- To provide comparative data for soil vapor samples.

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A5(3-5)-20170425	SSB-A5(8-10)-20170425	SSB-A5(18-20)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-21	460-132231-22	460-132231-24
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00049 U	0.00048 U	0.00047 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00049 U	0.00048 U	0.00047 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00049 U	0.00048 U	0.00047 U
1,1,2-Trichloroethane	NS	NS	0.00049 U	0.00048 U	0.00047 U
1,1-Dichloroethane	0.27	26	0.00049 U	0.00048 U	0.00047 U
1,1-Dichloroethene	0.33	100	0.00049 U	0.00048 U	0.00047 U
1,2,3-Trichlorobenzene	NS	NS	0.00049 U	0.00048 U	0.00047 U
1,2,4-Trichlorobenzene	NS	NS	0.00049 U	0.00048 U	0.00047 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00049 U	0.00048 U	0.00047 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00049 U	0.00048 U	0.00047 U
1,2-Dichlorobenzene	1.1	100	0.00049 U	0.00048 U	0.00047 U
1,2-Dichloroethane	0.02	3.1	0.00049 U	0.00048 U	0.00047 U
1,2-Dichloropropane	NS	NS	0.00049 U	0.00048 U	0.00047 U
1,3-Dichlorobenzene	2.4	49	0.00049 U	0.00048 U	0.00047 U
1,4-Dichlorobenzene	1.8	13	0.00049 U	0.00048 U	0.00047 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.0097 U	0.0097 U	0.0093 U
2-Hexanone	NS	NS	0.0024 U	0.0024 U	0.0023 U
Acetone	0.05	100	0.0024 U	0.0024 U	0.0023 U
Acetonitrile	NS	NS	0.0049 U	0.0048 U	0.0047 U
Acrolein	NS	NS	0.049 U	0.048 U	0.047 U
Benzene	0.06	4.8	0.00049 U	0.00048 U	0.00047 U
Bromochloromethane	NS	NS	0.00049 U	0.00048 U	0.00047 U
Bromodichloromethane	NS	NS	0.00049 U	0.00048 U	0.00047 U
Bromoform	NS	NS	0.00049 U	0.00048 U	0.00047 U
Bromomethane	NS	NS	0.00049 U	0.00048 U	0.00047 U
Carbon Disulfide	NS	NS	0.00049 U	0.00048 U	0.00047 U
Carbon Tetrachloride	0.76	2.4	0.00049 U	0.00048 U	0.00047 U
Chlorobenzene	1.1	100	0.00049 U	0.00048 U	0.00047 U
Chloroethane	NS	NS	0.00049 U	0.00048 U	0.00047 U
Chloroform	0.37	49	0.00049 U	0.00048 U	0.00047 U
Chloromethane	NS	NS	0.00049 U	0.00048 U	0.00047 U
Cis-1,2-Dichloroethylene	0.25	100	0.00049 U	0.00048 U	0.00047 U
Cis-1,3-Dichloropropene	NS	NS	0.00049 U	0.00048 U	0.00047 U
Cyclohexane	NS	NS	0.00049 U	0.00048 U	0.00047 U
Dibromochloromethane	NS	NS	0.00049 U	0.00048 U	0.00047 U
Dichlorodifluoromethane	NS	NS	0.00049 U	0.00048 U	0.00047 U
Ethylbenzene	1	41	0.00049 U	0.00048 U	0.00047 U
Isopropylbenzene (Cumene)	NS	NS	0.00049 U	0.00048 U	0.00047 U
M,P-Xylenes	NS	NS	0.00028 J	0.00014 J	0.000086 J
Methyl Acetate	NS	NS	0.0024 U	0.0024 U	0.0023 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0024 U	0.0024 U	0.0023 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0024 U	0.0024 U	0.0023 U
Methylcyclohexane	NS	NS	0.00049 U	0.00048 U	0.00047 U
Methylene Chloride	0.05	100	0.00029 J	0.00048 U	0.00019 J
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00013 J	0.00048 U	0.000075 J
Styrene	NS	NS	0.00049 U	0.00048 U	0.00047 U
Tert-Butyl Alcohol	NS	NS	0.0030 J	0.0048 U	0.0047 U
Tert-Butyl Methyl Ether	0.93	100	0.00049 U	0.00048 U	0.00047 U
Tetrachloroethylene (PCE)	1.3	19	0.00022 J	0.00050	0.00062
Toluene	0.7	100	0.00049 U	0.00048 U	0.00047 U
Trans-1,2-Dichloroethene	0.19	100	0.00049 U	0.00048 U	0.00047 U
Trans-1,3-Dichloropropene	NS	NS	0.00049 U	0.00048 U	0.00047 U
Trichloroethylene (TCE)	0.47	21	0.00049 U	0.00048 U	0.00047 U
Trichlorofluoromethane	NS	NS	0.00049 U	0.00048 U	0.00047 U
Vinyl Chloride	0.02	0.9	0.00049 U	0.00048 U	0.00047 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A6(3-5)-20170425	SSB-XX(3-5)-20170425	SSB-A6(8-10)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-26	460-132231-27	460-132231-28
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00048 U	0.00044 U	0.00048 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00048 U	0.00044 U	0.00048 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00048 U	0.00044 U	0.00048 U
1,1,2-Trichloroethane	NS	NS	0.00048 U	0.00044 U	0.00048 U
1,1-Dichloroethane	0.27	26	0.00048 U	0.00044 U	0.00048 U
1,1-Dichloroethene	0.33	100	0.00048 U	0.00044 U	0.00048 U
1,2,3-Trichlorobenzene	NS	NS	0.00048 U	0.00044 U	0.00048 U
1,2,4-Trichlorobenzene	NS	NS	0.00048 U	0.00044 U	0.00048 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00048 U	0.00044 U	0.00048 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00048 U	0.00044 U	0.00048 U
1,2-Dichlorobenzene	1.1	100	0.00048 U	0.00044 U	0.00048 U
1,2-Dichloroethane	0.02	3.1	0.00048 U	0.00044 U	0.00048 U
1,2-Dichloropropane	NS	NS	0.00048 U	0.00044 U	0.00048 U
1,3-Dichlorobenzene	2.4	49	0.00048 U	0.00044 U	0.00048 U
1,4-Dichlorobenzene	1.8	13	0.00048 U	0.00044 U	0.00048 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.0096 U	0.0089 U	0.0097 U
2-Hexanone	NS	NS	0.0024 U	0.0022 U	0.0024 U
Acetone	0.05	100	0.0024 U	0.0022 U	0.0024 U
Acetonitrile	NS	NS	0.0048 U	0.0044 U	0.0048 U
Acrolein	NS	NS	0.048 U	0.044 U	0.048 U
Benzene	0.06	4.8	0.00048 U	0.00044 U	0.00048 U
Bromochloromethane	NS	NS	0.00048 U	0.00044 U	0.00048 U
Bromodichloromethane	NS	NS	0.00048 U	0.00044 U	0.00048 U
Bromoform	NS	NS	0.00048 U	0.00044 U	0.00048 U
Bromomethane	NS	NS	0.00048 U	0.00044 U	0.00048 U
Carbon Disulfide	NS	NS	0.00048 U	0.00044 U	0.00048 U
Carbon Tetrachloride	0.76	2.4	0.00048 U	0.00044 U	0.00048 U
Chlorobenzene	1.1	100	0.00048 U	0.00044 U	0.00048 U
Chloroethane	NS	NS	0.00048 U	0.00044 U	0.00048 U
Chloroform	0.37	49	0.00048 U	0.00044 U	0.00048 U
Chloromethane	NS	NS	0.00048 U	0.00044 U	0.00048 U
Cis-1,2-Dichloroethylene	0.25	100	0.00048 U	0.00044 U	0.00048 U
Cis-1,3-Dichloropropene	NS	NS	0.00048 U	0.00044 U	0.00048 U
Cyclohexane	NS	NS	0.00048 U	0.00044 U	0.00048 U
Dibromochloromethane	NS	NS	0.00048 U	0.00044 U	0.00048 U
Dichlorodifluoromethane	NS	NS	0.00048 U	0.00044 U	0.00048 U
Ethylbenzene	1	41	0.00048 U	0.00044 U	0.00048 U
Isopropylbenzene (Cumene)	NS	NS	0.00048 U	0.00044 U	0.00048 U
M,P-Xylenes	NS	NS	0.00031 J	0.00027 J	0.00035 J
Methyl Acetate	NS	NS	0.0024 U	0.0022 U	0.0024 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0024 U	0.0022 U	0.0024 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0024 U	0.0022 U	0.0024 U
Methylcyclohexane	NS	NS	0.00048 U	0.00044 U	0.00048 U
Methylene Chloride	0.05	100	0.00048 U	0.00044 U	0.0035
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00013 J	0.00010 J	0.00015 J
Styrene	NS	NS	0.00048 U	0.00044 U	0.00048 U
Tert-Butyl Alcohol	NS	NS	0.0054 J	0.0022 J	0.0059
Tert-Butyl Methyl Ether	0.93	100	0.00048 U	0.00044 U	0.00048 U
Tetrachloroethylene (PCE)	1.3	19	0.00048 U	0.00044 U	0.00048 U
Toluene	0.7	100	0.00048 U	0.00044 U	0.00048 U
Trans-1,2-Dichloroethene	0.19	100	0.00048 U	0.00044 U	0.00048 U
Trans-1,3-Dichloropropene	NS	NS	0.00048 U	0.00044 U	0.00048 U
Trichloroethylene (TCE)	0.47	21	0.00048 U	0.00044 U	0.00048 U
Trichlorofluoromethane	NS	NS	0.00048 U	0.00044 U	0.00048 U
Vinyl Chloride	0.02	0.9	0.00048 U	0.00044 U	0.00048 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-B6(3-5)-20170424	SSB-B6(8-10)-20170424	SSB-B6(18-20)-20170424
Lab Sample ID	Part 375	Part 375	460-132206-26	460-132206-27	460-132206-29
Date Sampled	Unrestricted	Restricted	4/24/2017	4/24/2017	4/24/2017
Dilution Factor	SCO	Residential SCO	50	50	50
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.057 U	0.048 U	0.025 U
1,1,2,2-Tetrachloroethane	NS	NS	0.057 U	0.048 U	0.025 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.057 U	0.048 U	0.025 U
1,1,2-Trichloroethane	NS	NS	0.057 U	0.048 U	0.025 U
1,1-Dichloroethane	0.27	26	0.057 U	0.048 U	0.025 U
1,1-Dichloroethene	0.33	100	0.057 U	0.048 U	0.025 U
1,2,3-Trichlorobenzene	NS	NS	0.057 U	0.048 U	0.025 U
1,2,4-Trichlorobenzene	NS	NS	0.057 U	0.048 U	0.025 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.057 U	0.048 U	0.025 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.057 U	0.048 U	0.025 U
1,2-Dichlorobenzene	1.1	100	0.057 U	0.048 U	0.025 U
1,2-Dichloroethane	0.02	3.1	0.057 U	0.048 U	0.025 U
1,2-Dichloropropane	NS	NS	0.057 U	0.048 U	0.025 U
1,3-Dichlorobenzene	2.4	49	0.057 U	0.048 U	0.025 U
1,4-Dichlorobenzene	1.8	13	0.057 U	0.048 U	0.025 U
1,4-Dioxane (P-Dioxane)	0.1	13	2.8 U	2.4 U	1.2 U
2-Hexanone	NS	NS	0.28 U	0.24 U	0.12 U
Acetone	0.05	100	0.28 U	0.24 U	0.12 U
Acetonitrile	NS	NS	0.57 U	0.48 U	0.25 U
Acrolein	NS	NS	0.28 U	0.24 U	0.12 U
Benzene	0.06	4.8	0.057 U	0.048 U	0.025 U
Bromochloromethane	NS	NS	0.057 U	0.048 U	0.025 U
Bromodichloromethane	NS	NS	0.057 U	0.048 U	0.025 U
Bromoform	NS	NS	0.057 U	0.048 UJ	0.025 U
Bromomethane	NS	NS	0.057 UJ	0.048 UJ	0.025 UJ
Carbon Disulfide	NS	NS	0.057 U	0.048 U	0.025 U
Carbon Tetrachloride	0.76	2.4	0.057 U	0.048 U	0.025 U
Chlorobenzene	1.1	100	0.057 U	0.048 U	0.025 U
Chloroethane	NS	NS	0.057 U	0.048 U	0.025 U
Chloroform	0.37	49	0.057 U	0.048 U	0.025 U
Chloromethane	NS	NS	0.057 U	0.048 U	0.025 U
Cis-1,2-Dichloroethylene	0.25	100	0.057 U	0.048 U	0.025 U
Cis-1,3-Dichloropropene	NS	NS	0.057 U	0.048 U	0.025 U
Cyclohexane	NS	NS	0.057 U	0.048 U	0.025 U
Dibromochloromethane	NS	NS	0.057 U	0.048 U	0.025 U
Dichlorodifluoromethane	NS	NS	0.057 U	0.048 U	0.025 U
Ethylbenzene	1	41	0.05 J	0.092	0.025 U
Isopropylbenzene (Cumene)	NS	NS	0.047 J	0.21 JL	0.013 J
M,P-Xylenes	NS	NS	0.2	0.28 JL	0.025 U
Methyl Acetate	NS	NS	0.28 U	0.24 U	0.12 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.28 U	0.24 U	0.12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.28 U	0.24 U	0.12 U
Methylcyclohexane	NS	NS	0.096	0.037 J	0.025 U
Methylene Chloride	0.05	100	0.057 U	0.048 U	0.025 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.34	0.017 J	0.025 U
Styrene	NS	NS	0.057 U	0.048 U	0.025 U
Tert-Butyl Alcohol	NS	NS	0.57 U	0.48 U	0.25 U
Tert-Butyl Methyl Ether	0.93	100	0.057 U	0.048 U	0.025 U
Tetrachloroethylene (PCE)	1.3	19	0.057 U	0.048 U	0.035
Toluene	0.7	100	0.057 U	0.048 U	0.025 U
Trans-1,2-Dichloroethene	0.19	100	0.057 U	0.048 U	0.025 U
Trans-1,3-Dichloropropene	NS	NS	0.057 U	0.048 U	0.025 U
Trichloroethylene (TCE)	0.47	21	0.057 U	0.048 U	0.011 J
Trichlorofluoromethane	NS	NS	0.057 U	0.048 UJ	0.025 U
Vinyl Chloride	0.02	0.9	0.057 U	0.048 U	0.025 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-B6(26-28)-20170424	SSB-C1(3-5)-20170421	SSB-C1(8-10)-20170421
Lab Sample ID	Part 375	Part 375	460-132206-31	460-132063-1	460-132063-2
Date Sampled	Unrestricted	Restricted	4/24/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential SCO	1	1	1
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00048 U	0.00053 U	0.00048 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00048 U	0.00053 U	0.00048 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00048 U	0.00053 U	0.00048 U
1,1,2-Trichloroethane	NS	NS	0.00048 U	0.00053 U	0.00048 U
1,1-Dichloroethane	0.27	26	0.00048 U	0.00053 U	0.00048 U
1,1-Dichloroethene	0.33	100	0.00048 U	0.00053 U	0.00048 U
1,2,3-Trichlorobenzene	NS	NS	0.00048 U	0.00053 U	0.00048 U
1,2,4-Trichlorobenzene	NS	NS	0.00048 U	0.00053 U	0.00048 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00048 U	0.00053 U	0.00048 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00048 U	0.00053 U	0.00048 U
1,2-Dichlorobenzene	1.1	100	0.00048 U	0.00053 U	0.00048 U
1,2-Dichloroethane	0.02	3.1	0.00048 U	0.00053 U	0.00048 U
1,2-Dichloropropane	NS	NS	0.00048 U	0.00053 U	0.00048 U
1,3-Dichlorobenzene	2.4	49	0.00048 U	0.00053 U	0.00048 U
1,4-Dichlorobenzene	1.8	13	0.00048 U	0.00053 U	0.00048 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.0096 U	0.011 U	0.0096 U
2-Hexanone	NS	NS	0.0024 U	0.0026 U	0.0024 U
Acetone	0.05	100	0.0024 U	0.0026 U	0.0024 U
Acetonitrile	NS	NS	0.0048 U	0.0053 U	0.0048 U
Acrolein	NS	NS	0.048 U	0.053 UJ	0.048 UJ
Benzene	0.06	4.8	0.00048 U	0.00022 J	0.00048 U
Bromochloromethane	NS	NS	0.00048 U	0.00053 U	0.00048 U
Bromodichloromethane	NS	NS	0.00048 U	0.00053 U	0.00048 U
Bromoform	NS	NS	0.00048 U	0.00053 U	0.00048 U
Bromomethane	NS	NS	0.00048 U	0.00053 U	0.00048 U
Carbon Disulfide	NS	NS	0.00048 U	0.00053 U	0.00048 U
Carbon Tetrachloride	0.76	2.4	0.00048 U	0.00053 U	0.00048 U
Chlorobenzene	1.1	100	0.00048 U	0.00053 U	0.00048 U
Chloroethane	NS	NS	0.00048 U	0.00053 U	0.00048 U
Chloroform	0.37	49	0.00048 U	0.00053 U	0.00033 J
Chloromethane	NS	NS	0.00048 U	0.00053 U	0.00048 U
Cis-1,2-Dichloroethylene	0.25	100	0.00048 U	0.00053 U	0.00048 U
Cis-1,3-Dichloropropene	NS	NS	0.00048 U	0.00053 U	0.00048 U
Cyclohexane	NS	NS	0.00048 U	0.00053 U	0.00048 U
Dibromochloromethane	NS	NS	0.00048 U	0.00053 U	0.00048 U
Dichlorodifluoromethane	NS	NS	0.00048 U	0.00053 U	0.00048 U
Ethylbenzene	1	41	0.00048 U	0.00053 U	0.00048 U
Isopropylbenzene (Cumene)	NS	NS	0.00048 U	0.00053 U	0.00048 U
M,P-Xylenes	NS	NS	0.00048 U	0.00053 U	0.00048 U
Methyl Acetate	NS	NS	0.0024 U	0.0026 U	0.0024 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0024 U	0.0026 U	0.0024 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0024 U	0.0026 U	0.0024 U
Methylcyclohexane	NS	NS	0.00048 U	0.00053 U	0.00048 U
Methylene Chloride	0.05	100	0.00048 U	0.00053 U	0.00048 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00048 U	0.00053 U	0.00048 U
Styrene	NS	NS	0.00048 U	0.00053 U	0.00048 U
Tert-Butyl Alcohol	NS	NS	0.0048 U	0.0053 U	0.0048 U
Tert-Butyl Methyl Ether	0.93	100	0.00048 U	0.00017 J	0.00048 U
Tetrachloroethylene (PCE)	1.3	19	0.00070	0.00053 U	0.00048 U
Toluene	0.7	100	0.00048 U	0.00053 U	0.00048 U
Trans-1,2-Dichloroethene	0.19	100	0.00048 U	0.00053 U	0.00048 U
Trans-1,3-Dichloropropene	NS	NS	0.00048 U	0.00053 U	0.00048 U
Trichloroethylene (TCE)	0.47	21	0.00048 U	0.00053 U	0.00048 U
Trichlorofluoromethane	NS	NS	0.00048 U	0.00053 U	0.00048 U
Vinyl Chloride	0.02	0.9	0.00048 U	0.00053 U	0.00048 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C1(18-20)-20170421	SSB-D1(3-5)-20170420	SSB-D1(8-10)-20170420
Lab Sample ID	Part 375	Part 375	460-132063-4	460-131963-1	460-131963-2
Date Sampled	Unrestricted	Restricted	4/21/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential SCO	1	1	1
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00046 U	0.00068 U	0.00057 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00046 U	0.00068 U	0.00057 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00046 U	0.00068 U	0.00057 U
1,1,2-Trichloroethane	NS	NS	0.00046 U	0.00068 U	0.00057 U
1,1-Dichloroethane	0.27	26	0.00046 U	0.00068 U	0.00057 U
1,1-Dichloroethene	0.33	100	0.00046 U	0.00068 U	0.00057 U
1,2,3-Trichlorobenzene	NS	NS	0.00046 U	0.00068 U	0.00057 U
1,2,4-Trichlorobenzene	NS	NS	0.00046 U	0.00068 U	0.00057 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00046 U	0.00068 U	0.00057 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00046 U	0.00068 U	0.00057 U
1,2-Dichlorobenzene	1.1	100	0.00046 U	0.00068 U	0.00057 U
1,2-Dichloroethane	0.02	3.1	0.00046 U	0.00068 U	0.00057 U
1,2-Dichloropropane	NS	NS	0.00046 U	0.00068 U	0.00057 U
1,3-Dichlorobenzene	2.4	49	0.00046 U	0.00068 U	0.00057 U
1,4-Dichlorobenzene	1.8	13	0.00046 U	0.00068 U	0.00057 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.0092 U	0.014 U	0.011 U
2-Hexanone	NS	NS	0.0023 U	0.0034 U	0.0028 U
Acetone	0.05	100	0.0023 U	0.0034 U	0.0028 U
Acetonitrile	NS	NS	0.0046 U	0.0068 U	0.0057 U
Acrolein	NS	NS	0.046 U	0.068 UJ	0.057 UJ
Benzene	0.06	4.8	0.00046 U	0.00068 U	0.00057 U
Bromochloromethane	NS	NS	0.00046 U	0.00068 U	0.00057 U
Bromodichloromethane	NS	NS	0.00046 U	0.00068 U	0.00057 U
Bromoform	NS	NS	0.00046 U	0.00068 U	0.00057 U
Bromomethane	NS	NS	0.00046 U	0.00068 U	0.00057 U
Carbon Disulfide	NS	NS	0.00046 U	0.00068 U	0.00057 U
Carbon Tetrachloride	0.76	2.4	0.00046 U	0.00068 U	0.00057 U
Chlorobenzene	1.1	100	0.00046 U	0.00068 U	0.00057 U
Chloroethane	NS	NS	0.00046 U	0.00068 U	0.00057 U
Chloroform	0.37	49	0.00046 U	0.00068 U	0.00057 U
Chloromethane	NS	NS	0.00046 U	0.00068 U	0.00057 U
Cis-1,2-Dichloroethylene	0.25	100	0.00046 U	0.00068 U	0.00057 U
Cis-1,3-Dichloropropene	NS	NS	0.00046 U	0.00068 U	0.00057 U
Cyclohexane	NS	NS	0.00046 U	0.00068 U	0.00057 U
Dibromochloromethane	NS	NS	0.00046 U	0.00068 U	0.00057 U
Dichlorodifluoromethane	NS	NS	0.00046 U	0.00068 U	0.00057 U
Ethylbenzene	1	41	0.00046 U	0.00068 U	0.00057 U
Isopropylbenzene (Cumene)	NS	NS	0.00046 U	0.00068 U	0.00057 U
M,P-Xylenes	NS	NS	0.00046 U	0.00068 U	0.00057 U
Methyl Acetate	NS	NS	0.0023 U	0.0034 U	0.0028 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0023 U	0.0034 U	0.0028 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0023 U	0.0034 U	0.0028 U
Methylcyclohexane	NS	NS	0.00046 U	0.00068 U	0.00057 U
Methylene Chloride	0.05	100	0.00046 U	0.00068 U	0.00057 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00046 U	0.00068 U	0.00057 U
Styrene	NS	NS	0.00046 U	0.00068 U	0.00057 U
Tert-Butyl Alcohol	NS	NS	0.0046 U	0.0068 U	0.0057 U
Tert-Butyl Methyl Ether	0.93	100	0.00046 U	0.00068 U	0.00057 U
Tetrachloroethylene (PCE)	1.3	19	0.00046 U	0.00068 U	0.00057 U
Toluene	0.7	100	0.00046 U	0.00068 U	0.00057 U
Trans-1,2-Dichloroethene	0.19	100	0.00046 U	0.00068 U	0.00057 U
Trans-1,3-Dichloropropene	NS	NS	0.00046 U	0.00068 U	0.00057 U
Trichloroethylene (TCE)	0.47	21	0.00046 U	0.00068 U	0.00057 U
Trichlorofluoromethane	NS	NS	0.00046 U	0.00068 U	0.00057 U
Vinyl Chloride	0.02	0.9	0.00046 U	0.00068 U	0.00057 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D1(18-20)-20170420	SSB-D5(3-5)-20170420	SSB-F1(3-5)-20170417
Lab Sample ID	Part 375	Part 375	460-131963-4	460-131963-22	460-131745-23
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/17/2017
Dilution Factor	SCO	Residential SCO	1	1	1
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00057 U	0.00047 U	0.00054 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00057 U	0.00047 U	0.00054 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00057 U	0.00047 U	0.00054 U
1,1,2-Trichloroethane	NS	NS	0.00057 U	0.00047 U	0.00054 U
1,1-Dichloroethane	0.27	26	0.00057 U	0.00047 U	0.00054 U
1,1-Dichloroethene	0.33	100	0.00057 U	0.00047 U	0.00054 U
1,2,3-Trichlorobenzene	NS	NS	0.00057 U	0.00047 U	0.00054 U
1,2,4-Trichlorobenzene	NS	NS	0.00057 U	0.00047 U	0.00054 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00057 U	0.00047 U	0.00054 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00057 U	0.00047 U	0.00054 U
1,2-Dichlorobenzene	1.1	100	0.00057 U	0.0047	0.00054 U
1,2-Dichloroethane	0.02	3.1	0.00057 U	0.000090 J	0.00054 U
1,2-Dichloropropane	NS	NS	0.00057 U	0.00022 J	0.00054 U
1,3-Dichlorobenzene	2.4	49	0.00057 U	0.00063	0.00054 U
1,4-Dichlorobenzene	1.8	13	0.00057 U	0.0031	0.00054 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.011 U	0.0093 U	0.011 U
2-Hexanone	NS	NS	0.0029 U	0.0023 U	0.0027 U
Acetone	0.05	100	0.0029 U	0.0023 U	0.0027 U
Acetonitrile	NS	NS	0.0057 U	0.0047 U	0.0054 U
Acrolein	NS	NS	0.057 UJ	0.047 UJ	0.054 U
Benzene	0.06	4.8	0.00057 U	0.00013 J	0.00054 U
Bromochloromethane	NS	NS	0.00057 U	0.00047 U	0.00054 U
Bromodichloromethane	NS	NS	0.00057 U	0.00047 U	0.00054 U
Bromoform	NS	NS	0.00057 U	0.00047 U	0.00054 U
Bromomethane	NS	NS	0.00057 U	0.00047 U	0.00054 U
Carbon Disulfide	NS	NS	0.00057 U	0.00041 J	0.00054 U
Carbon Tetrachloride	0.76	2.4	0.00057 U	0.00047 U	0.00054 U
Chlorobenzene	1.1	100	0.00057 U	0.00010 J	0.00054 U
Chloroethane	NS	NS	0.00057 U	0.00047 U	0.00054 U
Chloroform	0.37	49	0.00057 U	0.00047 U	0.00054 U
Chloromethane	NS	NS	0.00057 U	0.00047 U	0.00054 U
Cis-1,2-Dichloroethylene	0.25	100	0.00057 U	0.00022 J	0.00054 U
Cis-1,3-Dichloropropene	NS	NS	0.00057 U	0.00047 U	0.00054 U
Cyclohexane	NS	NS	0.00057 U	0.00047 U	0.00054 U
Dibromochloromethane	NS	NS	0.00057 U	0.00047 U	0.00054 U
Dichlorodifluoromethane	NS	NS	0.00057 U	0.00047 U	0.00054 U
Ethylbenzene	1	41	0.00057 U	0.00032 J	0.00054 U
Isopropylbenzene (Cumene)	NS	NS	0.00057 U	0.000097 J	0.00054 U
M,P-Xylenes	NS	NS	0.00057 U	0.00079	0.00054 U
Methyl Acetate	NS	NS	0.0029 U	0.0023 U	0.0027 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0029 U	0.0020 J	0.0027 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0029 U	0.0023 U	0.0027 U
Methylcyclohexane	NS	NS	0.00057 U	0.00053	0.00054 U
Methylene Chloride	0.05	100	0.00057 U	0.00047 U	0.00054 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00057 U	0.0013	0.00054 U
Styrene	NS	NS	0.00057 U	0.00047 U	0.00054 U
Tert-Butyl Alcohol	NS	NS	0.0057 U	0.0047 U	0.0054 U
Tert-Butyl Methyl Ether	0.93	100	0.00057 U	0.00047 U	0.00054 U
Tetrachloroethylene (PCE)	1.3	19	0.00057 U	0.012	0.00054 U
Toluene	0.7	100	0.00057 U	0.00056	0.00054 U
Trans-1,2-Dichloroethene	0.19	100	0.00057 U	0.00047 U	0.00054 U
Trans-1,3-Dichloropropene	NS	NS	0.00057 U	0.00047 U	0.00054 U
Trichloroethylene (TCE)	0.47	21	0.00051 J	0.0015	0.00054 U
Trichlorofluoromethane	NS	NS	0.00057 U	0.00047 U	0.00054 U
Vinyl Chloride	0.02	0.9	0.00057 U	0.00047 U	0.00054 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-XX (3-5)-20170417	SSB-F1(8-10)-20170417	SSB-F1(18-20)-20170417
Lab Sample ID	Part 375	Part 375	460-131745-29	460-131745-24	460-131745-26
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential SCO	1	1	1
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00058 U	0.00060 U	0.00049 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00058 U	0.00060 U	0.00049 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00058 U	0.00060 U	0.00049 U
1,1,2-Trichloroethane	NS	NS	0.00058 U	0.00060 U	0.00049 U
1,1-Dichloroethane	0.27	26	0.00058 U	0.00060 U	0.00049 U
1,1-Dichloroethene	0.33	100	0.00058 U	0.00060 U	0.00049 U
1,2,3-Trichlorobenzene	NS	NS	0.00058 U	0.00060 U	0.00049 U
1,2,4-Trichlorobenzene	NS	NS	0.00058 U	0.00060 U	0.00049 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00058 U	0.00060 U	0.00049 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00058 U	0.00060 U	0.00049 U
1,2-Dichlorobenzene	1.1	100	0.00058 U	0.00060 U	0.00049 U
1,2-Dichloroethane	0.02	3.1	0.00058 U	0.00060 U	0.00049 U
1,2-Dichloropropane	NS	NS	0.00058 U	0.00060 U	0.00049 U
1,3-Dichlorobenzene	2.4	49	0.00058 U	0.00060 U	0.00049 U
1,4-Dichlorobenzene	1.8	13	0.00058 U	0.00060 U	0.00049 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.012 U	0.012 U	0.0099 U
2-Hexanone	NS	NS	0.0029 U	0.0030 U	0.0025 U
Acetone	0.05	100	0.0029 U	0.0030 U	0.0025 U
Acetonitrile	NS	NS	0.0058 U	0.0060 U	0.0049 U
Acrolein	NS	NS	0.058 U	0.06 U	0.049 U
Benzene	0.06	4.8	0.00022 J	0.00060 U	0.00049 U
Bromochloromethane	NS	NS	0.00058 U	0.00060 U	0.00049 U
Bromodichloromethane	NS	NS	0.00058 U	0.00060 U	0.00049 U
Bromoform	NS	NS	0.00058 U	0.00060 U	0.00049 U
Bromomethane	NS	NS	0.00058 U	0.00060 U	0.00049 U
Carbon Disulfide	NS	NS	0.00058 U	0.00060 U	0.00049 U
Carbon Tetrachloride	0.76	2.4	0.00058 U	0.00060 U	0.00049 U
Chlorobenzene	1.1	100	0.00058 U	0.00060 U	0.00049 U
Chloroethane	NS	NS	0.00058 U	0.00060 U	0.00049 U
Chloroform	0.37	49	0.00058 U	0.00060 U	0.00049 U
Chloromethane	NS	NS	0.00058 U	0.00060 U	0.00049 U
Cis-1,2-Dichloroethylene	0.25	100	0.00058 U	0.00060 U	0.00049 U
Cis-1,3-Dichloropropene	NS	NS	0.00058 U	0.00060 U	0.00049 U
Cyclohexane	NS	NS	0.00058 U	0.00060 U	0.00049 U
Dibromochloromethane	NS	NS	0.00058 U	0.00060 U	0.00049 U
Dichlorodifluoromethane	NS	NS	0.00058 U	0.00060 U	0.00049 U
Ethylbenzene	1	41	0.00058 U	0.00060 U	0.00011 J
Isopropylbenzene (Cumene)	NS	NS	0.00058 U	0.00060 U	0.00049 U
M,P-Xylenes	NS	NS	0.00058 U	0.00060 U	0.00049 U
Methyl Acetate	NS	NS	0.0029 U	0.0030 U	0.0025 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.00091 J	0.00071 J	0.0025 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0029 U	0.0030 U	0.0025 U
Methylcyclohexane	NS	NS	0.00058 U	0.00060 U	0.00049 U
Methylene Chloride	0.05	100	0.00058 U	0.00060 U	0.00049 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00058 U	0.00060 U	0.00020 J
Styrene	NS	NS	0.00058 U	0.00060 U	0.00049 U
Tert-Butyl Alcohol	NS	NS	0.0052 J	0.0074	0.0049
Tert-Butyl Methyl Ether	0.93	100	0.00058 U	0.00060 U	0.00049 U
Tetrachloroethylene (PCE)	1.3	19	0.00058 U	0.00060 U	0.00049 U
Toluene	0.7	100	0.00028 J	0.00060 U	0.00049 U
Trans-1,2-Dichloroethene	0.19	100	0.00058 U	0.00060 U	0.00049 U
Trans-1,3-Dichloropropene	NS	NS	0.00058 U	0.00060 U	0.00049 U
Trichloroethylene (TCE)	0.47	21	0.00058 U	0.00073	0.00034 J
Trichlorofluoromethane	NS	NS	0.00058 U	0.00060 U	0.00049 U
Vinyl Chloride	0.02	0.9	0.00058 U	0.00060 U	0.00049 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F1(28-30)-20170417	SSB-F3(3-5)-20170418	SSB-F3(8-10)-20170418
Lab Sample ID	Part 375	Part 375	460-131745-28	460-131841-1	460-131841-2
Date Sampled	Unrestricted	Restricted	4/17/2017	4/18/2017	4/18/2017
Dilution Factor	SCO	Residential SCO	1	1	1
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00047 U	0.00059 U	0.00050 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00047 U	0.00059 U	0.00050 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00047 U	0.00059 U	0.00050 U
1,1,2-Trichloroethane	NS	NS	0.00047 U	0.00059 U	0.00050 U
1,1-Dichloroethane	0.27	26	0.00047 U	0.00059 U	0.00050 U
1,1-Dichloroethene	0.33	100	0.00047 U	0.00059 U	0.00050 U
1,2,3-Trichlorobenzene	NS	NS	0.00047 U	0.00059 UJ	0.00050 U
1,2,4-Trichlorobenzene	NS	NS	0.00047 U	0.00059 UJ	0.00050 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00047 U	0.00059 U	0.00050 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00047 U	0.00059 UJ	0.00050 U
1,2-Dichlorobenzene	1.1	100	0.00047 U	0.00059 UJ	0.00050 U
1,2-Dichloroethane	0.02	3.1	0.00047 U	0.00059 U	0.00050 U
1,2-Dichloropropane	NS	NS	0.00047 U	0.00059 U	0.00050 U
1,3-Dichlorobenzene	2.4	49	0.00047 U	0.00059 U	0.00050 U
1,4-Dichlorobenzene	1.8	13	0.00047 U	0.00059 U	0.00050 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.0095 U	0.012 U	0.01 U
2-Hexanone	NS	NS	0.0024 U	0.0030 U	0.0025 U
Acetone	0.05	100	0.0024 U	0.0030 U	0.0025 U
Acetonitrile	NS	NS	0.0047 U	0.0059 U	0.0050 U
Acrolein	NS	NS	0.047 U	0.059 UJ	0.05 UJ
Benzene	0.06	4.8	0.00047 U	0.00059 U	0.00050 U
Bromochloromethane	NS	NS	0.00047 U	0.00059 U	0.00050 U
Bromodichloromethane	NS	NS	0.00047 U	0.00059 U	0.00050 U
Bromoform	NS	NS	0.00047 U	0.00059 U	0.00050 U
Bromomethane	NS	NS	0.00047 U	0.00059 U	0.00050 U
Carbon Disulfide	NS	NS	0.00047 U	0.00059 UJ	0.00050 U
Carbon Tetrachloride	0.76	2.4	0.00047 U	0.00059 U	0.00050 U
Chlorobenzene	1.1	100	0.00047 U	0.00059 UJ	0.00050 U
Chloroethane	NS	NS	0.00047 U	0.00059 U	0.00050 U
Chloroform	0.37	49	0.00047 U	0.00059 U	0.00050 U
Chloromethane	NS	NS	0.00047 U	0.00059 UJ	0.00050 U
Cis-1,2-Dichloroethylene	0.25	100	0.00047 U	0.00059 U	0.00050 U
Cis-1,3-Dichloropropene	NS	NS	0.00047 U	0.00059 UJ	0.00050 U
Cyclohexane	NS	NS	0.00047 U	0.00059 U	0.00050 U
Dibromochloromethane	NS	NS	0.00047 U	0.00059 U	0.00050 U
Dichlorodifluoromethane	NS	NS	0.00047 U	0.00059 UJ	0.00050 U
Ethylbenzene	1	41	0.00047 U	0.00059 U	0.00050 U
Isopropylbenzene (Cumene)	NS	NS	0.00047 U	0.00059 U	0.00050 U
M,P-Xylenes	NS	NS	0.00047 U	0.00059 U	0.00013 J
Methyl Acetate	NS	NS	0.0024 U	0.0030 U	0.0025 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0024 U	0.0030 U	0.0025 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0024 U	0.0030 U	0.0025 U
Methylcyclohexane	NS	NS	0.00047 U	0.00059 U	0.00050 U
Methylene Chloride	0.05	100	0.00047 U	0.00059 U	0.00050 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00012 J	0.00059 U	0.00050 U
Styrene	NS	NS	0.00047 U	0.00059 U	0.00050 U
Tert-Butyl Alcohol	NS	NS	0.0024 J	0.0025 J	0.0050 U
Tert-Butyl Methyl Ether	0.93	100	0.00047 U	0.00059 U	0.00050 U
Tetrachloroethylene (PCE)	1.3	19	0.00047 U	0.00059 U	0.00050 U
Toluene	0.7	100	0.00047 U	0.00059 U	0.00050 U
Trans-1,2-Dichloroethene	0.19	100	0.00047 U	0.00059 UJ	0.00050 U
Trans-1,3-Dichloropropene	NS	NS	0.00047 U	0.00059 UJ	0.00050 U
Trichloroethylene (TCE)	0.47	21	0.00027 J	0.00059 UJ	0.00050 U
Trichlorofluoromethane	NS	NS	0.00047 U	0.00059 U	0.00050 U
Vinyl Chloride	0.02	0.9	0.00047 U	0.00059 UJ	0.00050 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F3(18-20)-20170418	SSB-F3(28-30)-20170418	SSB-J1(3-5)-20170410
Lab Sample ID	Part 375	Part 375	460-131841-4	460-131841-6	460-131292-1
Date Sampled	Unrestricted	Restricted	4/18/2017	4/18/2017	4/10/2017
Dilution Factor	SCO	Residential SCO	1	1	1
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00054 U	0.00059 U	0.00072 UJ
1,1,2,2-Tetrachloroethane	NS	NS	0.00054 U	0.00059 U	0.00072 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00054 U	0.00059 U	0.00072 U
1,1,2-Trichloroethane	NS	NS	0.00054 U	0.00059 U	0.00072 U
1,1-Dichloroethane	0.27	26	0.00054 U	0.00059 U	0.00072 U
1,1-Dichloroethene	0.33	100	0.00054 U	0.00059 U	0.00072 U
1,2,3-Trichlorobenzene	NS	NS	0.00054 U	0.00059 U	0.00072 UJ
1,2,4-Trichlorobenzene	NS	NS	0.00054 U	0.00059 U	0.00072 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	0.00054 U	0.00059 U	0.00072 UJ
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00054 U	0.00059 U	0.00072 UJ
1,2-Dichlorobenzene	1.1	100	0.00054 U	0.00059 U	0.00072 U
1,2-Dichloroethane	0.02	3.1	0.00054 U	0.00059 U	0.00072 U
1,2-Dichloropropane	NS	NS	0.00054 U	0.00059 U	0.00072 U
1,3-Dichlorobenzene	2.4	49	0.00054 U	0.00059 U	0.00072 UJ
1,4-Dichlorobenzene	1.8	13	0.00054 U	0.00059 U	0.00072 UJ
1,4-Dioxane (P-Dioxane)	0.1	13	0.011 U	0.012 U	0.014 U
2-Hexanone	NS	NS	0.0027 U	0.0029 U	0.0036 U
Acetone	0.05	100	0.0027 U	0.0029 U	0.0036 U
Acetonitrile	NS	NS	0.0054 U	0.0059 U	0.0072 UT
Acrolein	NS	NS	0.054 UJ	0.059 UJ	0.072 UJ
Benzene	0.06	4.8	0.00054 U	0.00059 U	0.00072 U
Bromochloromethane	NS	NS	0.00054 U	0.00059 U	0.00072 U
Bromodichloromethane	NS	NS	0.00054 U	0.00059 U	0.00072 U
Bromoform	NS	NS	0.00054 U	0.00059 U	0.00072 U
Bromomethane	NS	NS	0.00054 U	0.00059 U	0.00072 U
Carbon Disulfide	NS	NS	0.00054 U	0.00059 U	0.00072 U
Carbon Tetrachloride	0.76	2.4	0.00054 U	0.00059 U	0.00072 U
Chlorobenzene	1.1	100	0.00054 U	0.00059 U	0.00072 U
Chloroethane	NS	NS	0.00054 U	0.00059 U	0.00072 U
Chloroform	0.37	49	0.00054 U	0.00059 U	0.00072 U
Chloromethane	NS	NS	0.00054 U	0.00059 U	0.00072 U
Cis-1,2-Dichloroethylene	0.25	100	0.00054 U	0.00059 U	0.00072 U
Cis-1,3-Dichloropropene	NS	NS	0.00054 U	0.00059 U	0.00072 U
Cyclohexane	NS	NS	0.00054 U	0.00059 U	0.00072 U
Dibromochloromethane	NS	NS	0.00054 U	0.00059 U	0.00072 U
Dichlorodifluoromethane	NS	NS	0.00054 U	0.00059 U	0.00072 U
Ethylbenzene	1	41	0.00054 U	0.00059 U	0.00014 J
Isopropylbenzene (Cumene)	NS	NS	0.00054 U	0.00059 U	0.00072 U
M,P-Xylenes	NS	NS	0.00010 J	0.000080 J	0.00072 U
Methyl Acetate	NS	NS	0.0027 U	0.0029 U	0.0036 UJ
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0027 U	0.0029 U	0.0036 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0027 U	0.0029 U	0.0036 U
Methylcyclohexane	NS	NS	0.00054 U	0.00059 U	0.00072 U
Methylene Chloride	0.05	100	0.00054 U	0.00059 U	0.00072 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00018 J	0.00059 U	0.00024 J
Styrene	NS	NS	0.00054 U	0.00059 U	0.00072 U
Tert-Butyl Alcohol	NS	NS	0.0055	0.0023 J	0.0072 U
Tert-Butyl Methyl Ether	0.93	100	0.00054 U	0.00059 U	0.00072 U
Tetrachloroethylene (PCE)	1.3	19	0.00054 U	0.00059 U	0.00072 U
Toluene	0.7	100	0.00054 U	0.00059 U	0.00016 J
Trans-1,2-Dichloroethene	0.19	100	0.00054 U	0.00059 U	0.00072 U
Trans-1,3-Dichloropropene	NS	NS	0.00054 U	0.00059 U	0.00072 U
Trichloroethylene (TCE)	0.47	21	0.00054 U	0.00059 U	0.00033 JH
Trichlorofluoromethane	NS	NS	0.00054 U	0.00059 U	0.00072 UJ
Vinyl Chloride	0.02	0.9	0.00054 U	0.00059 U	0.00072 UJ

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J1(8-10)-20170410	SSB-J2(3-5)-20170410	SSB-X(3-5)-20170410
Lab Sample ID	Part 375	Part 375	460-131292-2	460-131292-4	460-131292-5
Date Sampled	Unrestricted	Restricted	4/10/2017	4/10/2017	4/10/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00052 U	0.00051 U	0.0006 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00052 U	0.00051 U	0.0006 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00052 U	0.00051 U	0.0006 U
1,1,2-Trichloroethane	NS	NS	0.00052 U	0.00051 U	0.0006 U
1,1-Dichloroethane	0.27	26	0.00052 U	0.00051 U	0.0006 U
1,1-Dichloroethene	0.33	100	0.00052 U	0.00051 U	0.0006 U
1,2,3-Trichlorobenzene	NS	NS	0.00052 U	0.00051 U	0.0006 U
1,2,4-Trichlorobenzene	NS	NS	0.00052 U	0.00051 U	0.0006 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00052 U	0.00051 U	0.0006 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00052 U	0.00051 U	0.0006 U
1,2-Dichlorobenzene	1.1	100	0.00052 U	0.00051 U	0.0006 U
1,2-Dichloroethane	0.02	3.1	0.00052 U	0.00051 U	0.0006 U
1,2-Dichloropropane	NS	NS	0.00052 U	0.00051 U	0.0006 U
1,3-Dichlorobenzene	2.4	49	0.00052 U	0.00051 U	0.0006 U
1,4-Dichlorobenzene	1.8	13	0.00052 U	0.00051 U	0.0006 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.01 U	0.01 U	0.012 U
2-Hexanone	NS	NS	0.0026 U	0.0025 U	0.003 U
Acetone	0.05	100	0.0026 U	0.0025 U	0.003 U
Acetonitrile	NS	NS	0.0052 U	0.0051 U	0.006 U
Acrolein	NS	NS	0.052 U	0.051 U	0.06 U
Benzene	0.06	4.8	0.00017 J	0.00051 U	0.0006 U
Bromochloromethane	NS	NS	0.00052 U	0.00051 U	0.0006 U
Bromodichloromethane	NS	NS	0.00052 U	0.00051 U	0.0006 U
Bromoform	NS	NS	0.00052 U	0.00051 U	0.0006 U
Bromomethane	NS	NS	0.00052 U	0.00051 U	0.0006 U
Carbon Disulfide	NS	NS	0.00052 U	0.00051 U	0.0006 U
Carbon Tetrachloride	0.76	2.4	0.00052 U	0.00051 U	0.0006 U
Chlorobenzene	1.1	100	0.00052 U	0.00051 U	0.0006 U
Chloroethane	NS	NS	0.00052 U	0.00051 U	0.0006 U
Chloroform	0.37	49	0.00052 U	0.00051 U	0.0006 U
Chloromethane	NS	NS	0.00052 U	0.00051 U	0.0006 U
Cis-1,2-Dichloroethylene	0.25	100	0.00052 U	0.00051 U	0.0006 U
Cis-1,3-Dichloropropene	NS	NS	0.00052 U	0.00051 U	0.0006 U
Cyclohexane	NS	NS	0.00052 U	0.00051 U	0.0006 U
Dibromochloromethane	NS	NS	0.00052 U	0.00051 U	0.0006 U
Dichlorodifluoromethane	NS	NS	0.00052 U	0.00051 U	0.0006 U
Ethylbenzene	1	41	0.0013	0.000094 J	0.0006 U
Isopropylbenzene (Cumene)	NS	NS	0.00052 U	0.00051 U	0.0006 U
M,P-Xylenes	NS	NS	0.0044	0.00051 U	0.0006 U
Methyl Acetate	NS	NS	0.0026 U	0.0025 U	0.003 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0026 U	0.0025 U	0.003 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0026 U	0.0025 U	0.003 U
Methylcyclohexane	NS	NS	0.00052 U	0.00051 U	0.0006 U
Methylene Chloride	0.05	100	0.00052 U	0.00051 U	0.0006 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0015	0.00012 J	0.00012 J
Styrene	NS	NS	0.00052 U	0.00051 U	0.0006 U
Tert-Butyl Alcohol	NS	NS	0.0052 U	0.0051 U	0.006 U
Tert-Butyl Methyl Ether	0.93	100	0.00052 U	0.00051 U	0.0006 U
Tetrachloroethylene (PCE)	1.3	19	0.00052 U	0.00051 U	0.0006 U
Toluene	0.7	100	0.012	0.00014 J	0.0006 U
Trans-1,2-Dichloroethene	0.19	100	0.00052 U	0.00051 U	0.0006 U
Trans-1,3-Dichloropropene	NS	NS	0.00052 U	0.00051 U	0.0006 U
Trichloroethylene (TCE)	0.47	21	0.00052 U	0.0013	0.00069
Trichlorofluoromethane	NS	NS	0.00052 U	0.00051 U	0.0006 U
Vinyl Chloride	0.02	0.9	0.00052 U	0.00051 U	0.0006 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J2(8-10)-20170410	SSB-J3(3-5)-20170410	SSB-J3(8-10)-20170410
Lab Sample ID	Part 375	Part 375	460-131292-6	460-131292-8	460-131292-9
Date Sampled	Unrestricted	Restricted	4/10/2017	4/10/2017	4/10/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00052 U	0.00068 U	0.00063 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00052 U	0.00068 U	0.00063 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00052 U	0.00068 U	0.00063 U
1,1,2-Trichloroethane	NS	NS	0.00052 U	0.00068 U	0.00063 U
1,1-Dichloroethane	0.27	26	0.00052 U	0.00068 U	0.00063 U
1,1-Dichloroethene	0.33	100	0.00052 U	0.00068 U	0.00063 U
1,2,3-Trichlorobenzene	NS	NS	0.00052 U	0.00068 U	0.00063 U
1,2,4-Trichlorobenzene	NS	NS	0.00052 U	0.00068 U	0.00063 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00052 U	0.00068 U	0.00063 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00052 U	0.00068 U	0.00063 U
1,2-Dichlorobenzene	1.1	100	0.00052 U	0.00068 U	0.00063 U
1,2-Dichloroethane	0.02	3.1	0.00052 U	0.00068 U	0.00063 U
1,2-Dichloropropane	NS	NS	0.00052 U	0.00068 U	0.00063 U
1,3-Dichlorobenzene	2.4	49	0.00052 U	0.00068 U	0.00063 U
1,4-Dichlorobenzene	1.8	13	0.00052 U	0.00068 U	0.00063 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.01 U	0.014 U	0.013 U
2-Hexanone	NS	NS	0.0026 U	0.0034 U	0.0032 U
Acetone	0.05	100	0.0026 U	0.0034 U	0.0032 U
Acetonitrile	NS	NS	0.0052 U	0.0068 U	0.0063 U
Acrolein	NS	NS	0.052 U	0.068 U	0.063 U
Benzene	0.06	4.8	0.00052 U	0.00068 U	0.0035
Bromochloromethane	NS	NS	0.00052 U	0.00068 U	0.00063 U
Bromodichloromethane	NS	NS	0.00052 U	0.00068 U	0.00063 U
Bromoform	NS	NS	0.00052 U	0.00068 U	0.00063 U
Bromomethane	NS	NS	0.00052 U	0.00068 U	0.00063 U
Carbon Disulfide	NS	NS	0.00052 U	0.00068 U	0.00063 U
Carbon Tetrachloride	0.76	2.4	0.00052 U	0.00068 U	0.00063 U
Chlorobenzene	1.1	100	0.00052 U	0.00068 U	0.00063 U
Chloroethane	NS	NS	0.00052 U	0.00068 U	0.00063 U
Chloroform	0.37	49	0.00052 U	0.00068 U	0.00063 U
Chloromethane	NS	NS	0.00052 U	0.00068 U	0.00063 U
Cis-1,2-Dichloroethylene	0.25	100	0.00052 U	0.00068 U	0.00063 U
Cis-1,3-Dichloropropene	NS	NS	0.00052 U	0.00068 U	0.00063 U
Cyclohexane	NS	NS	0.00052 U	0.00068 U	0.00063 U
Dibromochloromethane	NS	NS	0.00052 U	0.00068 U	0.00063 U
Dichlorodifluoromethane	NS	NS	0.00052 U	0.00068 U	0.00063 U
Ethylbenzene	1	41	0.00052 U	0.00068 U	0.00017 J
Isopropylbenzene (Cumene)	NS	NS	0.00052 U	0.00068 U	0.00063 U
M,P-Xylenes	NS	NS	0.00052 U	0.00068 U	0.0021
Methyl Acetate	NS	NS	0.0026 U	0.0034 U	0.0032 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0026 U	0.0034 U	0.0032 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0026 U	0.0034 U	0.0032 U
Methylcyclohexane	NS	NS	0.00052 U	0.00068 U	0.00063 U
Methylene Chloride	0.05	100	0.00022 J	0.00068 U	0.00063 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00010 J	0.00068 U	0.00047 J
Styrene	NS	NS	0.00052 U	0.00068 U	0.00079
Tert-Butyl Alcohol	NS	NS	0.0052 U	0.0068 U	0.0063 U
Tert-Butyl Methyl Ether	0.93	100	0.00052 U	0.00068 U	0.00063 U
Tetrachloroethylene (PCE)	1.3	19	0.00052 U	0.00068 U	0.00076
Toluene	0.7	100	0.00012 J	0.00015 J	0.0031
Trans-1,2-Dichloroethene	0.19	100	0.00052 U	0.00068 U	0.00063 U
Trans-1,3-Dichloropropene	NS	NS	0.00052 U	0.00068 U	0.00063 U
Trichloroethylene (TCE)	0.47	21	0.00052 U	0.0013	0.0023
Trichlorofluoromethane	NS	NS	0.00052 U	0.00068 U	0.00063 U
Vinyl Chloride	0.02	0.9	0.00052 U	0.00068 U	0.00063 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J3(18-20)-20170411	SSB-J3(28-30)-20170411	SSB-J3(36-38)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-1	460-131368-3	460-131368-5
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential SCO	1	1	1
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00045 U	0.00049 U	0.00048 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00045 U	0.00049 U	0.00048 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00045 U	0.00049 U	0.00048 U
1,1,2-Trichloroethane	NS	NS	0.00045 U	0.00049 U	0.00048 U
1,1-Dichloroethane	0.27	26	0.00045 U	0.00049 U	0.00048 U
1,1-Dichloroethene	0.33	100	0.00045 U	0.00049 U	0.00048 U
1,2,3-Trichlorobenzene	NS	NS	0.00045 U	0.00049 U	0.00048 U
1,2,4-Trichlorobenzene	NS	NS	0.00045 U	0.00049 U	0.00048 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00045 U	0.00049 U	0.00048 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00045 U	0.00049 U	0.00048 U
1,2-Dichlorobenzene	1.1	100	0.00045 U	0.00049 U	0.00048 U
1,2-Dichloroethane	0.02	3.1	0.00045 U	0.00049 U	0.00048 U
1,2-Dichloropropane	NS	NS	0.00045 U	0.00049 U	0.00048 U
1,3-Dichlorobenzene	2.4	49	0.00045 U	0.00049 U	0.00048 U
1,4-Dichlorobenzene	1.8	13	0.00045 U	0.00049 U	0.00048 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.0090 U	0.0098 U	0.0096 U
2-Hexanone	NS	NS	0.0023 U	0.0024 U	0.0024 U
Acetone	0.05	100	0.0023 U	0.0024 U	0.0024 U
Acetonitrile	NS	NS	0.0045 U	0.0049 U	0.0048 U
Acrolein	NS	NS	0.045 U	0.049 U	0.048 U
Benzene	0.06	4.8	0.00045 U	0.00049 U	0.00048 U
Bromochloromethane	NS	NS	0.00045 U	0.00049 U	0.00048 U
Bromodichloromethane	NS	NS	0.00045 U	0.00049 U	0.00048 U
Bromoform	NS	NS	0.00045 U	0.00049 U	0.00048 U
Bromomethane	NS	NS	0.00045 U	0.00049 U	0.00048 U
Carbon Disulfide	NS	NS	0.00045 U	0.00049 U	0.00048 U
Carbon Tetrachloride	0.76	2.4	0.00045 U	0.00049 U	0.00048 U
Chlorobenzene	1.1	100	0.00045 U	0.00049 U	0.00048 U
Chloroethane	NS	NS	0.00045 U	0.00049 U	0.00048 U
Chloroform	0.37	49	0.00045 U	0.00049 U	0.00048 U
Chloromethane	NS	NS	0.00045 U	0.00049 U	0.00048 U
Cis-1,2-Dichloroethylene	0.25	100	0.00045 U	0.00049 U	0.00048 U
Cis-1,3-Dichloropropene	NS	NS	0.00045 U	0.00049 U	0.00048 U
Cyclohexane	NS	NS	0.00045 U	0.00049 U	0.00048 U
Dibromochloromethane	NS	NS	0.00045 U	0.00049 U	0.00048 U
Dichlorodifluoromethane	NS	NS	0.00045 U	0.00049 U	0.00048 U
Ethylbenzene	1	41	0.00011 J	0.00049 U	0.00048 U
Isopropylbenzene (Cumene)	NS	NS	0.00045 U	0.00049 U	0.00048 U
M,P-Xylenes	NS	NS	0.00040 J	0.00016 J	0.00029 J
Methyl Acetate	NS	NS	0.0023 U	0.0024 U	0.0024 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0023 U	0.0024 U	0.0024 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0023 U	0.0024 U	0.0024 U
Methylcyclohexane	NS	NS	0.00045 U	0.00049 U	0.00048 U
Methylene Chloride	0.05	100	0.00045 U	0.00049 U	0.00048 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00015 J	0.000094 J	0.000080 J
Styrene	NS	NS	0.00045 U	0.00049 U	0.00048 U
Tert-Butyl Alcohol	NS	NS	0.0045 U	0.0049 U	0.0048 U
Tert-Butyl Methyl Ether	0.93	100	0.00045 U	0.00049 U	0.00048 U
Tetrachloroethylene (PCE)	1.3	19	0.00014 J	0.00031 J	0.00016 J
Toluene	0.7	100	0.00045 U	0.00049 U	0.00048 U
Trans-1,2-Dichloroethene	0.19	100	0.00045 U	0.00049 U	0.00048 U
Trans-1,3-Dichloropropene	NS	NS	0.00045 U	0.00049 U	0.00048 U
Trichloroethylene (TCE)	0.47	21	0.00042 J	0.00060	0.00030 J
Trichlorofluoromethane	NS	NS	0.00045 U	0.00049 U	0.00048 U
Vinyl Chloride	0.02	0.9	0.00045 U	0.00049 U	0.00048 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J4(3-5)-20170411	SSB-J4(8-10)-20170411	SSB-J4(18-20)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-6	460-131368-7	460-131368-9
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00055 U	0.00057 U	0.00050 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00055 U	0.00057 U	0.00050 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00055 U	0.00057 U	0.00050 U
1,1,2-Trichloroethane	NS	NS	0.00055 U	0.00057 U	0.00050 U
1,1-Dichloroethane	0.27	26	0.00055 U	0.00057 U	0.00050 U
1,1-Dichloroethene	0.33	100	0.00055 U	0.00057 U	0.00050 U
1,2,3-Trichlorobenzene	NS	NS	0.00055 U	0.00057 U	0.00050 U
1,2,4-Trichlorobenzene	NS	NS	0.00055 U	0.00057 U	0.00050 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00055 U	0.00057 U	0.00050 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00055 U	0.00057 U	0.00050 U
1,2-Dichlorobenzene	1.1	100	0.00055 U	0.00057 U	0.00050 U
1,2-Dichloroethane	0.02	3.1	0.00055 U	0.00057 U	0.00050 U
1,2-Dichloropropane	NS	NS	0.00055 U	0.00057 U	0.00050 U
1,3-Dichlorobenzene	2.4	49	0.00055 U	0.00057 U	0.00050 U
1,4-Dichlorobenzene	1.8	13	0.00055 U	0.00057 U	0.00050 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.011 U	0.011 U	0.01 U
2-Hexanone	NS	NS	0.0027 U	0.0029 U	0.0025 U
Acetone	0.05	100	0.0027 U	0.0029 U	0.0025 U
Acetonitrile	NS	NS	0.0055 U	0.0057 U	0.0050 U
Acrolein	NS	NS	0.055 U	0.057 U	0.05 U
Benzene	0.06	4.8	0.00055 U	0.00057 U	0.00050 U
Bromochloromethane	NS	NS	0.00055 U	0.00057 U	0.00050 U
Bromodichloromethane	NS	NS	0.00055 U	0.00057 U	0.00050 U
Bromoform	NS	NS	0.00055 U	0.00057 U	0.00050 U
Bromomethane	NS	NS	0.00055 U	0.00057 U	0.00050 U
Carbon Disulfide	NS	NS	0.00055 U	0.00057 U	0.00050 U
Carbon Tetrachloride	0.76	2.4	0.00055 U	0.00057 U	0.00050 U
Chlorobenzene	1.1	100	0.00055 U	0.00057 U	0.00050 U
Chloroethane	NS	NS	0.00055 U	0.00057 U	0.00050 U
Chloroform	0.37	49	0.00055 U	0.00057 U	0.00050 U
Chloromethane	NS	NS	0.00055 U	0.00057 U	0.00050 U
Cis-1,2-Dichloroethylene	0.25	100	0.00055 U	0.00057 U	0.00050 U
Cis-1,3-Dichloropropene	NS	NS	0.00055 U	0.00057 U	0.00050 U
Cyclohexane	NS	NS	0.00055 U	0.00057 U	0.00050 U
Dibromochloromethane	NS	NS	0.00055 U	0.00057 U	0.00050 U
Dichlorodifluoromethane	NS	NS	0.00055 U	0.00057 U	0.00050 U
Ethylbenzene	1	41	0.00055 U	0.00012 J	0.00014 J
Isopropylbenzene (Cumene)	NS	NS	0.00055 U	0.00057 U	0.00050 U
M,P-Xylenes	NS	NS	0.00012 J	0.00044 J	0.00039 J
Methyl Acetate	NS	NS	0.0027 U	0.0029 U	0.0025 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.00071 J	0.0029 U	0.0025 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0027 U	0.0029 U	0.0025 U
Methylcyclohexane	NS	NS	0.00055 U	0.00057 U	0.00050 U
Methylene Chloride	0.05	100	0.00055 U	0.00057 U	0.00050 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00055 U	0.00016 J	0.00016 J
Styrene	NS	NS	0.00055 U	0.00057 U	0.00050 U
Tert-Butyl Alcohol	NS	NS	0.0055 U	0.0052 J	0.0040 J
Tert-Butyl Methyl Ether	0.93	100	0.00055 U	0.00057 U	0.00050 U
Tetrachloroethylene (PCE)	1.3	19	0.00055 U	0.00057 U	0.00050 U
Toluene	0.7	100	0.00024 J	0.00013 J	0.00050 U
Trans-1,2-Dichloroethene	0.19	100	0.00055 U	0.00057 U	0.00050 U
Trans-1,3-Dichloropropene	NS	NS	0.00055 U	0.00057 U	0.00050 U
Trichloroethylene (TCE)	0.47	21	0.0010	0.00027 J	0.00021 J
Trichlorofluoromethane	NS	NS	0.00055 U	0.00057 U	0.00050 U
Vinyl Chloride	0.02	0.9	0.00055 U	0.00057 U	0.00050 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J4(28-30)-20170411	SSB-J4(36-38)-20170411	SSB-J5(3-5)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-11	460-131368-13	460-131368-14
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential SCO	1	1	1
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00056 U	0.00049 U	0.00069 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00056 U	0.00049 U	0.00069 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00056 U	0.00049 U	0.00069 U
1,1,2-Trichloroethane	NS	NS	0.00056 U	0.00049 U	0.00069 U
1,1-Dichloroethane	0.27	26	0.00056 U	0.00049 U	0.00069 U
1,1-Dichloroethene	0.33	100	0.00056 U	0.00049 U	0.00069 U
1,2,3-Trichlorobenzene	NS	NS	0.00056 U	0.00049 U	0.00069 U
1,2,4-Trichlorobenzene	NS	NS	0.00056 U	0.00049 U	0.00069 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00056 U	0.00049 U	0.00069 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00056 U	0.00049 U	0.00069 U
1,2-Dichlorobenzene	1.1	100	0.00056 U	0.00049 U	0.00069 U
1,2-Dichloroethane	0.02	3.1	0.00056 U	0.00049 U	0.00069 U
1,2-Dichloropropane	NS	NS	0.00056 U	0.00049 U	0.00069 U
1,3-Dichlorobenzene	2.4	49	0.00056 U	0.00049 U	0.00069 U
1,4-Dichlorobenzene	1.8	13	0.00056 U	0.00049 U	0.00069 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.011 U	0.0098 U	0.014 U
2-Hexanone	NS	NS	0.0028 U	0.0024 U	0.0035 U
Acetone	0.05	100	0.0028 U	0.0024 U	0.0035 U
Acetonitrile	NS	NS	0.0056 U	0.0049 U	0.0069 U
Acrolein	NS	NS	0.056 U	0.049 U	0.069 U
Benzene	0.06	4.8	0.00056 U	0.00049 U	0.00014 J
Bromochloromethane	NS	NS	0.00056 U	0.00049 U	0.00069 U
Bromodichloromethane	NS	NS	0.00056 U	0.00049 U	0.00069 U
Bromoform	NS	NS	0.00056 U	0.00049 U	0.00069 U
Bromomethane	NS	NS	0.00056 U	0.00049 U	0.00069 U
Carbon Disulfide	NS	NS	0.00056 U	0.00049 U	0.00069 U
Carbon Tetrachloride	0.76	2.4	0.00056 U	0.00049 U	0.00069 U
Chlorobenzene	1.1	100	0.00056 U	0.00049 U	0.00069 U
Chloroethane	NS	NS	0.00056 U	0.00049 U	0.00069 U
Chloroform	0.37	49	0.00056 U	0.00049 U	0.00069 U
Chloromethane	NS	NS	0.00056 U	0.00049 U	0.00069 U
Cis-1,2-Dichloroethylene	0.25	100	0.00056 U	0.00049 U	0.00069 U
Cis-1,3-Dichloropropene	NS	NS	0.00056 U	0.00049 U	0.00069 U
Cyclohexane	NS	NS	0.00056 U	0.00049 U	0.00069 U
Dibromochloromethane	NS	NS	0.00056 U	0.00049 U	0.00069 U
Dichlorodifluoromethane	NS	NS	0.00056 U	0.00049 U	0.00069 U
Ethylbenzene	1	41	0.00016 J	0.00049 U	0.00069 U
Isopropylbenzene (Cumene)	NS	NS	0.00056 U	0.00049 U	0.00069 U
M,P-Xylenes	NS	NS	0.00058	0.00029 J	0.00018 J
Methyl Acetate	NS	NS	0.0028 U	0.0024 U	0.0035 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0028 U	0.0024 U	0.0035 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0028 U	0.0024 U	0.0035 U
Methylcyclohexane	NS	NS	0.00056 U	0.00049 U	0.00069 U
Methylene Chloride	0.05	100	0.00056 U	0.00049 U	0.00069 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00019 J	0.00011 J	0.00069 U
Styrene	NS	NS	0.00056 U	0.00049 U	0.00069 U
Tert-Butyl Alcohol	NS	NS	0.0056 U	0.0049 U	0.0069 U
Tert-Butyl Methyl Ether	0.93	100	0.00056 U	0.00049 U	0.00069 U
Tetrachloroethylene (PCE)	1.3	19	0.00056 U	0.00049 U	0.00069 U
Toluene	0.7	100	0.00011 J	0.00049 U	0.00015 J
Trans-1,2-Dichloroethene	0.19	100	0.00056 U	0.00049 U	0.00069 U
Trans-1,3-Dichloropropene	NS	NS	0.00056 U	0.00049 U	0.00069 U
Trichloroethylene (TCE)	0.47	21	0.00035 J	0.00026 J	0.0011
Trichlorofluoromethane	NS	NS	0.00056 U	0.00049 U	0.00069 U
Vinyl Chloride	0.02	0.9	0.00056 U	0.00049 U	0.00069 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J5(8-10)-20170411	SSB-X(8-10)-20170411	SSB-J5(18-20)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-15	460-131368-22	460-131368-17
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00063 U	0.00071 U	0.00058 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00063 U	0.00071 U	0.00058 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00063 U	0.00071 U	0.00058 U
1,1,2-Trichloroethane	NS	NS	0.00063 U	0.00071 U	0.00058 U
1,1-Dichloroethane	0.27	26	0.00063 U	0.00071 U	0.00058 U
1,1-Dichloroethene	0.33	100	0.00063 U	0.00071 U	0.00058 U
1,2,3-Trichlorobenzene	NS	NS	0.00063 U	0.00071 U	0.00058 U
1,2,4-Trichlorobenzene	NS	NS	0.00063 U	0.00071 U	0.00058 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00063 U	0.00071 U	0.00058 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00063 U	0.00071 U	0.00058 U
1,2-Dichlorobenzene	1.1	100	0.00063 U	0.00071 U	0.00058 U
1,2-Dichloroethane	0.02	3.1	0.00063 U	0.00071 U	0.00058 U
1,2-Dichloropropane	NS	NS	0.00063 U	0.00071 U	0.00058 U
1,3-Dichlorobenzene	2.4	49	0.00063 U	0.00071 U	0.00058 U
1,4-Dichlorobenzene	1.8	13	0.00063 U	0.00071 U	0.00058 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.013 U	0.014 U	0.012 U
2-Hexanone	NS	NS	0.0031 U	0.0035 U	0.0029 U
Acetone	0.05	100	0.0031 U	0.0035 U	0.0029 U
Acetonitrile	NS	NS	0.0063 U	0.0071 U	0.0058 U
Acrolein	NS	NS	0.063 U	0.071 U	0.058 U
Benzene	0.06	4.8	0.00063 U	0.00021 J	0.00058 U
Bromochloromethane	NS	NS	0.00063 U	0.00071 U	0.00058 U
Bromodichloromethane	NS	NS	0.00063 U	0.00071 U	0.00058 U
Bromoform	NS	NS	0.00063 U	0.00071 U	0.00058 U
Bromomethane	NS	NS	0.00063 U	0.00071 U	0.00058 U
Carbon Disulfide	NS	NS	0.00063 U	0.00071 U	0.00058 U
Carbon Tetrachloride	0.76	2.4	0.00063 U	0.00071 U	0.00058 U
Chlorobenzene	1.1	100	0.00063 U	0.00071 U	0.00058 U
Chloroethane	NS	NS	0.00063 U	0.00071 U	0.00058 U
Chloroform	0.37	49	0.00063 U	0.00071 U	0.00058 U
Chloromethane	NS	NS	0.00063 U	0.00071 U	0.00058 U
Cis-1,2-Dichloroethylene	0.25	100	0.00063 U	0.00071 U	0.00058 U
Cis-1,3-Dichloropropene	NS	NS	0.00063 U	0.00071 U	0.00058 U
Cyclohexane	NS	NS	0.00063 U	0.00071 U	0.00058 U
Dibromochloromethane	NS	NS	0.00063 U	0.00071 U	0.00058 U
Dichlorodifluoromethane	NS	NS	0.00063 U	0.00071 U	0.00058 U
Ethylbenzene	1	41	0.00063 U	0.00071 U	0.00058 U
Isopropylbenzene (Cumene)	NS	NS	0.00063 U	0.00071 U	0.00058 U
M,P-Xylenes	NS	NS	0.00063 U	0.00071 U	0.00013 J
Methyl Acetate	NS	NS	0.0031 U	0.0035 U	0.0029 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0031 U	0.0035 U	0.0029 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0031 U	0.0035 U	0.0029 U
Methylcyclohexane	NS	NS	0.00063 U	0.00071 U	0.00058 U
Methylene Chloride	0.05	100	0.00063 U	0.00071 U	0.00058 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00063 U	0.00071 U	0.00058 U
Styrene	NS	NS	0.00063 U	0.00071 U	0.00058 U
Tert-Butyl Alcohol	NS	NS	0.0028 J	0.0071 U	0.0058 U
Tert-Butyl Methyl Ether	0.93	100	0.00063 U	0.00071 U	0.00058 U
Tetrachloroethylene (PCE)	1.3	19	0.00063 U	0.00071 U	0.00058 U
Toluene	0.7	100	0.00021 J	0.00015 J	0.00058 U
Trans-1,2-Dichloroethene	0.19	100	0.00063 U	0.00071 U	0.00058 U
Trans-1,3-Dichloropropene	NS	NS	0.00063 U	0.00071 U	0.00058 U
Trichloroethylene (TCE)	0.47	21	0.00088 JL	0.0028 J	0.00024 J
Trichlorofluoromethane	NS	NS	0.00063 U	0.00071 U	0.00058 U
Vinyl Chloride	0.02	0.9	0.00063 U	0.00071 U	0.00058 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J5(28-30)-20170411	SSB-J5(36-38)-20170411	SSB-J6(2-4)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-19	460-131368-21	460-131368-23
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential SCO	1	1	1
Analyte	mg/kg	mg/kg			
1,1,1-Trichloroethane	0.68	100	0.00053 U	0.00050 U	0.00068 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00053 U	0.00050 U	0.00068 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00053 U	0.00050 U	0.00068 U
1,1,2-Trichloroethane	NS	NS	0.00053 U	0.00050 U	0.00068 U
1,1-Dichloroethane	0.27	26	0.00053 U	0.00050 U	0.00068 U
1,1-Dichloroethene	0.33	100	0.00053 U	0.00050 U	0.00068 U
1,2,3-Trichlorobenzene	NS	NS	0.00053 U	0.00050 U	0.00068 U
1,2,4-Trichlorobenzene	NS	NS	0.00053 U	0.00050 U	0.00068 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00053 U	0.00050 U	0.00068 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00053 U	0.00050 U	0.00068 U
1,2-Dichlorobenzene	1.1	100	0.00053 U	0.00050 U	0.00068 U
1,2-Dichloroethane	0.02	3.1	0.00053 U	0.00050 U	0.00068 U
1,2-Dichloropropane	NS	NS	0.00053 U	0.00050 U	0.00068 U
1,3-Dichlorobenzene	2.4	49	0.00053 U	0.00050 U	0.00068 U
1,4-Dichlorobenzene	1.8	13	0.00053 U	0.00050 U	0.00068 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.011 U	0.0099 U	0.014 U
2-Hexanone	NS	NS	0.0026 U	0.0025 U	0.0034 U
Acetone	0.05	100	0.0026 U	0.0025 U	0.0034 U
Acetonitrile	NS	NS	0.0053 U	0.0050 U	0.0068 U
Acrolein	NS	NS	0.053 U	0.05 U	0.068 U
Benzene	0.06	4.8	0.00053 U	0.00050 U	0.00068 U
Bromochloromethane	NS	NS	0.00053 U	0.00050 U	0.00068 U
Bromodichloromethane	NS	NS	0.00053 U	0.00050 U	0.00068 U
Bromoform	NS	NS	0.00053 U	0.00050 U	0.00068 U
Bromomethane	NS	NS	0.00053 U	0.00050 U	0.00068 U
Carbon Disulfide	NS	NS	0.00053 U	0.00050 U	0.00068 U
Carbon Tetrachloride	0.76	2.4	0.00053 U	0.00050 U	0.00068 U
Chlorobenzene	1.1	100	0.00053 U	0.00050 U	0.00068 U
Chloroethane	NS	NS	0.00053 U	0.00050 U	0.00068 U
Chloroform	0.37	49	0.00053 U	0.00050 U	0.00068 U
Chloromethane	NS	NS	0.00053 U	0.00050 U	0.00068 U
Cis-1,2-Dichloroethylene	0.25	100	0.00053 U	0.00050 U	0.00068 U
Cis-1,3-Dichloropropene	NS	NS	0.00053 U	0.00050 U	0.00068 U
Cyclohexane	NS	NS	0.00053 U	0.00050 U	0.00068 U
Dibromochloromethane	NS	NS	0.00053 U	0.00050 U	0.00068 U
Dichlorodifluoromethane	NS	NS	0.00053 U	0.00050 U	0.00068 U
Ethylbenzene	1	41	0.00053 U	0.00050 U	0.00068 U
Isopropylbenzene (Cumene)	NS	NS	0.00053 U	0.00050 U	0.00068 U
M,P-Xylenes	NS	NS	0.00011 J	0.00050 U	0.00050 J
Methyl Acetate	NS	NS	0.0026 U	0.0025 U	0.0034 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0026 U	0.0025 U	0.0034 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0026 U	0.0025 U	0.0034 U
Methylcyclohexane	NS	NS	0.00053 U	0.00050 U	0.00068 U
Methylene Chloride	0.05	100	0.00053 U	0.00050 U	0.00068 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00053 U	0.00050 U	0.00017 J
Styrene	NS	NS	0.00053 U	0.00050 U	0.00068 U
Tert-Butyl Alcohol	NS	NS	0.0053 U	0.0050 U	0.0068 U
Tert-Butyl Methyl Ether	0.93	100	0.00053 U	0.00050 U	0.00068 U
Tetrachloroethylene (PCE)	1.3	19	0.00053 U	0.00050 U	0.00068 U
Toluene	0.7	100	0.00053 U	0.00050 U	0.00015 J
Trans-1,2-Dichloroethene	0.19	100	0.00053 U	0.00050 U	0.00068 U
Trans-1,3-Dichloropropene	NS	NS	0.00053 U	0.00050 U	0.00068 U
Trichloroethylene (TCE)	0.47	21	0.00035 J	0.00023 J	0.00025 J
Trichlorofluoromethane	NS	NS	0.00053 U	0.00050 U	0.00068 U
Vinyl Chloride	0.02	0.9	0.00053 U	0.00050 U	0.00068 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J6(8-10)-20170411	SSB-J6(18-20)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-24	460-131368-26
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential	1	1
		SCO		
Analyte	mg/kg	mg/kg		
1,1,1-Trichloroethane	0.68	100	0.00046 U	0.00047 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00046 UJ	0.00047 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00046 UJ	0.00047 U
1,1,2-Trichloroethane	NS	NS	0.00046 U	0.00047 U
1,1-Dichloroethane	0.27	26	0.00046 UJ	0.00047 U
1,1-Dichloroethene	0.33	100	0.00046 UJ	0.00047 U
1,2,3-Trichlorobenzene	NS	NS	0.00046 UJ	0.00047 U
1,2,4-Trichlorobenzene	NS	NS	0.00046 UJ	0.00047 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00046 U	0.00047 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00046 U	0.00047 U
1,2-Dichlorobenzene	1.1	100	0.00046 UJ	0.00047 U
1,2-Dichloroethane	0.02	3.1	0.00046 U	0.00047 U
1,2-Dichloropropane	NS	NS	0.00046 U	0.00047 U
1,3-Dichlorobenzene	2.4	49	0.00046 UJ	0.00047 U
1,4-Dichlorobenzene	1.8	13	0.00046 UJ	0.00047 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.0092 U	0.0095 U
2-Hexanone	NS	NS	0.0023 U	0.0024 U
Acetone	0.05	100	0.0023 U	0.0024 U
Acetonitrile	NS	NS	0.0046 U	0.0047 U
Acrolein	NS	NS	0.046 U	0.047 U
Benzene	0.06	4.8	0.00019 J	0.00047 U
Bromochloromethane	NS	NS	0.00046 U	0.00047 U
Bromodichloromethane	NS	NS	0.00046 U	0.00047 U
Bromoform	NS	NS	0.00046 U	0.00047 U
Bromomethane	NS	NS	0.00046 U	0.00047 U
Carbon Disulfide	NS	NS	0.00046 UJ	0.00023 J
Carbon Tetrachloride	0.76	2.4	0.00046 UJ	0.00047 U
Chlorobenzene	1.1	100	0.00046 U	0.00047 U
Chloroethane	NS	NS	0.00046 U	0.00047 U
Chloroform	0.37	49	0.00046 U	0.00047 U
Chloromethane	NS	NS	0.00046 U	0.00047 U
Cis-1,2-Dichloroethylene	0.25	100	0.00046 U	0.00047 U
Cis-1,3-Dichloropropene	NS	NS	0.00046 U	0.00047 U
Cyclohexane	NS	NS	0.00046 UJ	0.00047 U
Dibromochloromethane	NS	NS	0.00046 U	0.00047 U
Dichlorodifluoromethane	NS	NS	0.00046 U	0.00047 U
Ethylbenzene	1	41	0.0012 JL	0.00013 J
Isopropylbenzene (Cumene)	NS	NS	0.00016 JL	0.00047 U
M,P-Xylenes	NS	NS	0.0013 JL	0.00043 J
Methyl Acetate	NS	NS	0.0023 U	0.0024 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0023 U	0.0024 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0023 U	0.0024 U
Methylcyclohexane	NS	NS	0.00046 UJ	0.00047 U
Methylene Chloride	0.05	100	0.00046 U	0.00047 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00076 JL	0.00017 J
Styrene	NS	NS	0.00046 UJ	0.00047 U
Tert-Butyl Alcohol	NS	NS	0.0046 U	0.0047 U
Tert-Butyl Methyl Ether	0.93	100	0.00046 U	0.00047 U
Tetrachloroethylene (PCE)	1.3	19	0.00046 UJ	0.00047 U
Toluene	0.7	100	0.00089 JL	0.00047 U
Trans-1,2-Dichloroethene	0.19	100	0.00046 UJ	0.00047 U
Trans-1,3-Dichloropropene	NS	NS	0.00046 U	0.00047 U
Trichloroethylene (TCE)	0.47	21	0.00032 J	0.00013 J
Trichlorofluoromethane	NS	NS	0.00046 U	0.00047 U
Vinyl Chloride	0.02	0.9	0.00046 U	0.00047 U

Table 2A
QA/QC Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	FB-20170410	FB-20170412	FB-20170419	FB-20170424	TB-20170412	TB-20170413	TB-20170414
Lab Sample ID	460-131292-11	460-131520-35	460-131962-39	460-132206-32	460-131520-37	460-131670-39	460-131680-31
Date Sampled	4/10/2017	4/12/2017	4/19/2017	4/24/2017	4/12/2017	4/13/2017	4/14/2017
Analyte							
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dioxane (P-Dioxane)	50 U	50 UJ	50 U	50 U	50 UJ	50 U	50 UJ
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 UJ	1 U	1 U	1 UJ	1 U	1 U
Carbon Disulfide	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	0.31 J	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	0.77 J	1.5	1 U	1.1	0.33 J	0.28 J	1 U
Methyl Acetate	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	1 U	0.55 J	1 U	0.36 J	1 U	1 U	1 U
Styrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 2A
QA/QC Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	TB-20170417	TB-20170418	TB-20170419	TB-20170420	TB-20170424	TB-20170425	TB-20170426
Lab Sample ID	460-131745-37	460-131841-30	460-131962-43	460-131963-38	460-132206-34	460-132231-35	460-132406-1
Date Sampled	4/17/2017	4/18/2017	4/19/2017	4/20/2017	4/24/2017	4/25/2017	4/26/2017
Analyte							
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dioxane (P-Dioxane)	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	3.1 J	5 U	5 U	5 U	5.1	5.2	3.8 J
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	0.34 J	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	0.31 J	1 U	1 U	1 U	1 U	0.26 J	0.3 J
O-Xylene (1,2-Dimethylbenzene)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 2A
QA/QC Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	TB-20170428	TB1-20170412	TB1-20170414	TB1-20170417	TB1-20170419	TB1-20170420	TB2-20170414
Lab Sample ID	460-132519-1	460-131520-38	460-131673-1	460-131745-38	460-131962-44	460-131963-39	460-131673-2
Date Sampled	4/28/2017	4/12/2017	4/14/2017	4/17/2017	4/19/2017	4/20/2017	4/14/2017
Analyte							
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dioxane (P-Dioxane)	50 U	50 UJ	50 UJ	50 U	50 U	50 U	50 UJ
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	4.9 J	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
Bromomethane	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	1 U	1 U	1 U	1 U	1 U	1 U	0.34 J
Methyl Acetate	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	1 U	0.25 J	1 U	0.28 J	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 2A
QA/QC Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	TB2-20170420	TB3-20170414	TB3-20170420
Lab Sample ID	460-131963-40	460-131673-3	460-131963-41
Date Sampled	4/20/2017	4/14/2017	4/20/2017
Analyte			
1,1,1-Trichloroethane	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U
1,1-Dichloroethene	1 U	1 U	1 U
1,2,3-Trichlorobenzene	1 U	1 U	1 U
1,2,4-Trichlorobenzene	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U
1,2-Dichloropropane	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U
1,4-Dioxane (P-Dioxane)	50 U	50 UJ	50 U
2-Hexanone	5 U	5 U	5 U
Acetone	5 U	5 U	5 U
Benzene	1 U	1 U	1 U
Bromochloromethane	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U
Carbon Disulfide	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	1 U	1 U	1 U
Cis-1,3-Dichloropropene	1 U	1 U	1 U
Cyclohexane	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U
Dichlorodifluoromethane	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U
Isopropylbenzene (Cumene)	1 U	1 U	1 U
M,P-Xylenes	1 U	0.34 J	1 U
Methyl Acetate	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	5 U	5 U	5 U
Methylcyclohexane	1 U	1 U	1 U
Methylene Chloride	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	1 U	1 U	1 U
Styrene	1 U	1 U	1 U
Tert-Butyl Methyl Ether	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1 U	1 U	1 U
Toluene	1 U	1 U	1 U
Trans-1,2-Dichloroethene	1 U	1 U	1 U
Trans-1,3-Dichloropropene	1 U	1 U	1 U
Trichloroethylene (TCE)	1 U	1 U	1 U
Trichlorofluoromethane	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A1(3-5)-20170425	SSB-A1(8-10)-20170425	SSB-A1(13-15)-20170425	SSB-A1(18-20)-20170425	SSB-A1(20-22)-20170425	SSB-A2(3-5)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-1	460-132231-2	460-132231-3	460-132231-4	460-132231-5	460-132231-6
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.023 J	0.051 J	0.35 U	0.34 U	0.34 U	0.37 U
Acenaphthylene	100	100	0.033 J	0.043 J	0.35 U	0.34 U	0.34 U	0.37 U
Anthracene	100	100	0.079 J	0.13 J	0.35 U	0.34 U	0.34 U	0.37 U
Benzo(A)Anthracene	1	1	0.26	0.45	0.035 U	0.034 U	0.034 U	0.05
Benzo(A)Pyrene	1	1	0.31	0.44	0.035 U	0.034 U	0.034 U	0.047
Benzo(B)Fluoranthene	1	1	0.38	0.54	0.035 U	0.034 U	0.034 U	0.063
Benzo(G,H,I)Perylene	100	100	0.28 J	0.37	0.35 U	0.34 U	0.34 U	0.029 J
Benzo(K)Fluoranthene	0.8	3.9	0.13	0.18	0.035 U	0.034 U	0.034 U	0.023 J
Chrysene	1	3.9	0.27 J	0.46	0.35 U	0.34 U	0.34 U	0.045 J
Dibenz(A,H)Anthracene	0.33	0.33	0.068	0.088	0.035 U	0.034 U	0.034 U	0.037 U
Fluoranthene	100	100	0.47	0.84	0.35 U	0.34 U	0.34 U	0.091 J
Fluorene	30	100	0.023 J	0.044 J	0.35 U	0.34 U	0.34 U	0.37 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.27	0.33	0.035 U	0.034 U	0.034 U	0.032 J
Phenanthrene	100	100	0.34 J	0.56	0.35 U	0.34 U	0.34 U	0.048 J
Pyrene	100	100	0.43	0.85	0.35 U	0.34 U	0.34 U	0.078 J

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A2(8-10)-20170425	SSB-A2(13-15)-20170425	SSB-X(13-15)-20170425	SSB-A2(18-20)-20170425	SSB-A2(22-24)-20170425	SSB-A3(3-5)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-7	460-132231-8	460-132231-9	460-132231-10	460-132231-11	460-132231-12
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.045 J	0.017 JL	0.032 J	0.36 U	0.35 U	0.026 J
Acenaphthylene	100	100	0.026 J	0.012 JL	0.04 J	0.36 U	0.35 U	0.05 J
Anthracene	100	100	0.18 J	0.047 JL	0.13 J	0.36 U	0.35 U	0.11 J
Benzo(A)Anthracene	1	1	0.61	0.19 JL	0.78	0.036 U	0.035 U	0.6
Benzo(A)Pyrene	1	1	0.55	0.19 JL	0.75	0.036 U	0.035 U	0.59
Benzo(B)Fluoranthene	1	1	0.67	0.26 JL	1	0.036 U	0.035 U	0.8
Benzo(G,H,I)Perylene	100	100	0.51	0.17 JL	0.7	0.36 U	0.35 U	0.4
Benzo(K)Fluoranthene	0.8	3.9	0.24	0.086 JL	0.36	0.036 U	0.035 U	0.31
Chrysene	1	3.9	0.6	0.19 JL	0.85	0.36 U	0.35 U	0.62
Dibenz(A,H)Anthracene	0.33	0.33	0.11	0.036 JL	0.14	0.036 U	0.035 U	0.099
Fluoranthene	100	100	1.3	0.37 JL	1.4	0.36 U	0.35 U	1.1
Fluorene	30	100	0.05 J	0.014 JL	0.034 J	0.36 U	0.35 U	0.014 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.45	0.13 JL	**0.57**	0.036 U	0.035 U	0.4
Phenanthrene	100	100	0.75	0.22 JL	0.57	0.36 U	0.35 U	0.54
Pyrene	100	100	1.2	0.36 JL	1.5	0.36 U	0.35 U	1.1

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A3(8-10)-20170425	SSB-A3(13-15)-20170425	SSB-A3(18-20)-20170425	SSB-A4(3-5)-20170425	SSB-A4(8-10)-20170425	SSB-A4(13-15)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-13	460-132231-14	460-132231-15	460-132231-16	460-132231-17	460-132231-18
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential SCO	5	1	1	5	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	4.7	0.34 U	0.4 U	1.2 J	0.34 U	0.39 U
Acenaphthylene	100	100	0.42 J	0.34 U	0.4 U	0.7 J	0.34 U	0.39 U
Anthracene	100	100	11	0.34 U	0.4 U	3.6	0.34 U	0.39 U
Benzo(A)Anthracene	1	1	**17**	0.034 U	0.04 U	**13**	0.034 U	0.039 U
Benzo(A)Pyrene	1	1	**14**	0.034 U	0.04 U	**9.7**	0.034 U	0.039 U
Benzo(B)Fluoranthene	1	1	**19**	0.034 U	0.04 U	**11**	0.034 U	0.039 U
Benzo(G,H,I)Perylene	100	100	9.5	0.34 U	0.4 U	6	0.34 U	0.39 U
Benzo(K)Fluoranthene	0.8	3.9	**7.5**	0.034 U	0.04 U	**3.9**	0.034 U	0.039 U
Chrysene	1	3.9	**17**	0.34 U	0.4 U	**14**	0.34 U	0.39 U
Dibenz(A,H)Anthracene	0.33	0.33	**2.5**	0.034 U	0.04 U	**2**	0.034 U	0.039 U
Fluoranthene	100	100	43	0.013 J	0.4 U	19	0.34 U	0.39 U
Fluorene	30	100	4.7	0.34 U	0.4 U	0.82 J	0.34 U	0.39 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**9.6**	0.034 U	0.04 U	**5.5**	0.034 U	0.039 U
Phenanthrene	100	100	41	0.011 J	0.4 U	13	0.34 U	0.39 U
Pyrene	100	100	34	0.34 U	0.4 U	24	0.34 U	0.39 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A4(18-20)-20170425	SSB-A4(23-25)-20170425	SSB-A5(3-5)-20170425	SSB-A5(8-10)-20170425	SSB-A5(13-15)-20170425	SSB-A5(18-20)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-19	460-132231-20	460-132231-21	460-132231-22	460-132231-23	460-132231-24
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.18 J	0.35 U	0.35 U	0.39 U	0.36 U	0.34 U
Acenaphthylene	100	100	0.068 J	0.35 U	0.35 U	0.39 U	0.36 U	0.34 U
Anthracene	100	100	0.58	0.35 U	0.35 U	0.39 U	0.36 U	0.34 U
Benzo(A)Anthracene	1	1	**1.2**	0.035 U	0.035 U	0.039 U	0.036 U	0.034 U
Benzo(A)Pyrene	1	1	**1.1**	0.035 U	0.035 U	0.039 U	0.036 U	0.034 U
Benzo(B)Fluoranthene	1	1	**1.5**	0.035 U	0.035 U	0.039 U	0.036 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.55	0.35 U	0.35 U	0.39 U	0.36 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.52	0.035 U	0.035 U	0.039 U	0.036 U	0.034 U
Chrysene	1	3.9	**1.2**	0.35 U	0.35 U	0.39 U	0.36 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.18	0.035 U	0.035 U	0.039 U	0.036 U	0.034 U
Fluoranthene	100	100	3.5	0.35 U	0.35 U	0.39 U	0.36 U	0.34 U
Fluorene	30	100	0.21 J	0.35 U	0.35 U	0.39 U	0.36 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**0.76**	0.035 U	0.035 U	0.039 U	0.036 U	0.034 U
Phenanthrene	100	100	2.8	0.35 U	0.35 U	0.39 U	0.36 U	0.34 U
Pyrene	100	100	1.6	0.35 U	0.35 U	0.39 U	0.36 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A5(23-25)-20170425	SSB-A6(3-5)-20170425	SSB-A6(8-10)-20170425	SSB-A6(13-15)-20170425	SSB-A6(18-20)-20170425	SSB-A6(23-25)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-25	460-132231-26	460-132231-28	460-132231-29	460-132231-30	460-132231-31
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.014 J	0.36 U	0.35 U	0.36 U	0.34 U
Acenaphthylene	100	100	0.34 U	0.37 U	0.36 U	0.35 U	0.36 U	0.34 U
Anthracene	100	100	0.34 U	0.039 J	0.36 U	0.35 U	0.36 U	0.34 U
Benzo(A)Anthracene	1	1	0.034 U	0.16	0.036 U	0.035 U	0.036 U	0.034 U
Benzo(A)Pyrene	1	1	0.034 U	0.16	0.036 U	0.035 U	0.036 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.23	0.036 U	0.035 U	0.036 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.13 J	0.36 U	0.35 U	0.36 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.074	0.036 U	0.035 U	0.036 U	0.034 U
Chrysene	1	3.9	0.34 U	0.15 J	0.36 U	0.35 U	0.36 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.037 U	0.036 U	0.035 U	0.036 U	0.034 U
Fluoranthene	100	100	0.34 U	0.32 J	0.36 U	0.35 U	0.36 U	0.34 U
Fluorene	30	100	0.34 U	0.012 J	0.36 U	0.35 U	0.36 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.13	0.036 U	0.035 U	0.036 U	0.034 UJ
Phenanthrene	100	100	0.34 U	0.15 J	0.36 U	0.35 U	0.36 U	0.34 U
Pyrene	100	100	0.34 U	0.28 J	0.36 U	0.35 U	0.36 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A6(28-30)-20170425	SSB-A6(33-35)-20170425	SSB-B1(3-5)-20170424	SSB-B1(8-10)-20170424	SSB-B1(13-15)-20170424	SSB-B1(18-20)-20170424
Lab Sample ID	Part 375	Part 375	460-132231-32	460-132231-33	460-132206-1	460-132206-2	460-132206-3	460-132206-4
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.34 U	0.016 J	0.018 J	0.061 J
Acenaphthylene	100	100	0.34 U	0.34 U	0.34 U	0.38 U	0.38 U	0.36 U
Anthracene	100	100	0.34 U	0.34 U	0.34 U	0.054 J	0.042 J	0.12 J
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.052	0.4	0.16	0.31
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.034 U	0.53	0.16	0.28
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.034 U	0.57	0.21	0.36
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.34 U	0.39	0.12 J	0.18 J
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.034 U	0.23	0.077	0.16
Chrysene	1	3.9	0.34 U	0.34 U	0.051 J	0.53 JL	0.17 J	0.3 J
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.034 U	0.034 U	0.12	0.038 U	0.036 U
Fluoranthene	100	100	0.34 U	0.34 U	0.075 J	0.51 JH	0.35 J	0.75
Fluorene	30	100	0.34 U	0.34 U	0.34 U	0.38 U	0.38 U	0.053 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.034 U	0.36	0.11	0.2
Phenanthrene	100	100	0.34 U	0.34 U	0.035 J	0.26 JH	0.26 J	0.7
Pyrene	100	100	0.34 U	0.34 U	0.076 J	0.65 JL	0.37 J	0.66

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-B1(23-25)-20170424	SSB-B2(3-5)-20170424	SSB-B2(8-10)-20170424	SSB-X(8-10)-20170424	SSB-B2(13-15)-20170424	SSB-B2(18-20)-20170424
Lab Sample ID	Part 375	Part 375	460-132206-5	460-132206-6	460-132206-7	460-132206-8	460-132206-9	460-132206-10
Date Sampled	Unrestricted	Restricted	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.36 U	0.026 J	0.13 J	0.073 JL	0.34 U	0.38 U
Acenaphthylene	100	100	0.36 U	0.37 U	0.059 J	0.017 JL	0.34 U	0.38 U
Anthracene	100	100	0.36 U	0.087 J	0.38	0.27 JL	0.34 U	0.38 U
Benzo(A)Anthracene	1	1	0.036 U	0.29	**1.4**	0.63 JL	0.034 U	0.038 U
Benzo(A)Pyrene	1	1	0.036 U	0.31	**1.9**	0.68 JL	0.034 U	0.038 U
Benzo(B)Fluoranthene	1	1	0.036 U	0.43	**2.3**	0.84 JL	0.034 U	0.038 U
Benzo(G,H,I)Perylene	100	100	0.36 U	0.23 J	1.8	0.55 JL	0.34 U	0.38 U
Benzo(K)Fluoranthene	0.8	3.9	0.036 U	0.15	0.8	0.31 JL	0.034 U	0.038 U
Chrysene	1	3.9	0.36 U	0.31 J	**1.6**	0.65 JL	0.34 U	0.38 U
Dibenz(A,H)Anthracene	0.33	0.33	0.036 U	0.037 U	**0.44**	0.12 JL	0.034 U	0.038 U
Fluoranthene	100	100	0.36 U	0.59	2.9	1.4 JL	0.34 U	0.38 U
Fluorene	30	100	0.36 U	0.37 U	0.078 J	0.068 JL	0.34 U	0.38 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.036 U	0.27	**1.8**	**0.56 JL**	0.034 U	0.038 U
Phenanthrene	100	100	0.36 U	0.39	2.2	1.4 JL	0.34 U	0.38 U
Pyrene	100	100	0.36 U	0.5	2.6	1.4	0.34 U	0.38 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-B2(23-25)-20170424	SSB-B3(3-5)-20170424	SSB-B3(8-10)-20170424	SSB-B3(13-15)-20170424	SSB-B4(3-5)-20170424	SSB-B4(8-10)-20170424
Lab Sample ID	Part 375	Part 375	460-132206-11	460-132206-12	460-132206-13	460-132206-14	460-132206-15	460-132206-16
Date Sampled	Unrestricted	Restricted	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017
Dilution Factor	SCO	Residential	1	5	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	1.9 U	0.15 J	0.37 U	0.36 U	0.37 U
Acenaphthylene	100	100	0.34 U	0.095 J	0.035 J	0.37 U	0.36 U	0.37 U
Anthracene	100	100	0.34 U	1.4 J	0.42	0.37 U	0.36 U	0.37 U
Benzo(A)Anthracene	1	1	0.034 U	**6.4**	**1.8**	0.037 U	0.09	0.037 U
Benzo(A)Pyrene	1	1	0.034 U	**4.6**	**1.6**	0.037 U	0.076	0.037 U
Benzo(B)Fluoranthene	1	1	0.034 U	**8.5**	**1.8**	0.037 U	0.1	0.037 U
Benzo(G,H,I)Perylene	100	100	0.34 U	3.3	1.5	0.37 U	0.044 J	0.37 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	**2.7**	0.62	0.037 U	0.045	0.037 U
Chrysene	1	3.9	0.34 U	**6.5**	**2**	0.37 U	0.078 J	0.37 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	**0.76**	**0.44 J**	0.037 UJ	0.036 UJ	0.037 UJ
Fluoranthene	100	100	0.34 U	17	2.1	0.37 U	0.14 J	0.37 U
Fluorene	30	100	0.34 U	1.9 U	0.082 J	0.37 U	0.36 U	0.37 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	**4.1**	**1.5 J**	0.037 UJ	0.051 J	0.037 UJ
Phenanthrene	100	100	0.34 U	12	2.2	0.37 U	0.041 J	0.37 U
Pyrene	100	100	0.34 U	14	3.9	0.37 U	0.12 J	0.37 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-B4(13-15)-20170424	SSB-B4(18-20)-20170424	SSB-B4(23-25)-20170424	SSB-B5(3-5)-20170424	SSB-B5(8-10)-20170424	SSB-B5(13-15)-20170424
Lab Sample ID	Part 375	Part 375	460-132206-17	460-132206-18	460-132206-19	460-132206-20	460-132206-22	460-132206-23
Date Sampled	Unrestricted	Restricted	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017
Dilution Factor	SCO	Residential	1	1	1	1	2	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.36 U	0.35 U	0.35 U	0.35 U	0.033 J	0.36 U
Acenaphthylene	100	100	0.36 U	0.35 U	0.35 U	0.35 U	0.73 U	0.36 U
Anthracene	100	100	0.36 U	0.35 U	0.35 U	0.35 U	0.098 J	0.36 U
Benzo(A)Anthracene	1	1	0.036 U	0.035 U	0.035 U	0.035 U	0.45	0.036 U
Benzo(A)Pyrene	1	1	0.036 U	0.035 U	0.035 U	0.035 U	0.44	0.036 U
Benzo(B)Fluoranthene	1	1	0.036 U	0.035 U	0.035 U	0.035 U	0.53	0.036 U
Benzo(G,H,I)Perylene	100	100	0.36 U	0.35 U	0.35 U	0.35 U	0.54 J	0.36 U
Benzo(K)Fluoranthene	0.8	3.9	0.036 U	0.035 U	0.035 U	0.035 U	0.23	0.036 U
Chrysene	1	3.9	0.36 U	0.35 U	0.35 U	0.35 U	0.48 J	0.36 U
Dibenz(A,H)Anthracene	0.33	0.33	0.036 UJ	0.035 UJ	0.035 UJ	0.035 UJ	0.14 J	0.036 UJ
Fluoranthene	100	100	0.36 U	0.35 U	0.35 U	0.35 U	0.65 J	0.36 U
Fluorene	30	100	0.36 U	0.35 U	0.35 U	0.35 U	0.023 J	0.36 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.036 UJ	0.035 UJ	0.035 UJ	0.035 UJ	0.5 J	0.036 UJ
Phenanthrene	100	100	0.36 U	0.35 U	0.35 U	0.35 U	0.4 J	0.36 U
Pyrene	100	100	0.36 U	0.35 U	0.35 U	0.35 U	0.79	0.36 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-B5(18-20)-20170424	SSB-B5(23-25)-20170424	SSB-B6(3-5)-20170424	SSB-B6(8-10)-20170424	SSB-B6(13-15)-20170424	SSB-B6(18-20)-20170424
Lab Sample ID	Part 375	Part 375	460-132206-24	460-132206-25	460-132206-26	460-132206-27	460-132206-28	460-132206-29
Date Sampled	Unrestricted	Restricted	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.37 U	0.4	0.34 U	0.35 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.37 U	0.35 U	0.34 U	0.35 U
Anthracene	100	100	0.34 U	0.34 U	0.37 U	0.35 U	0.34 U	0.35 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.037 U	0.035 UJ	0.034 U	0.035 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.067	0.035 U	0.034 U	0.035 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.096	0.035 UJ	0.034 UJ	0.035 UJ
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 UJ	0.057 J	0.35 U	0.34 U	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.037 U	0.035 UJ	0.034 U	0.035 U
Chrysene	1	3.9	0.34 U	0.34 U	0.37 U	0.35 UJ	0.34 U	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.034 UJ	0.037 UJ	0.035 U	0.034 U	0.035 U
Fluoranthene	100	100	0.34 U	0.34 U	0.3 J	0.15 J	0.34 U	0.35 U
Fluorene	30	100	0.34 U	0.34 U	0.37 U	1 JL	0.34 U	0.35 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 UJ	0.04 J	0.035 U	0.034 U	0.035 U
Phenanthrene	100	100	0.34 U	0.34 U	1.9	1.7	0.34 U	0.35 U
Pyrene	100	100	0.34 U	0.34 U	0.83	0.24 JL	0.34 U	0.35 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-B6(23-25)-20170424	SSB-B6(26-28)-20170424	SSB-C1(3-5)-20170421	SSB-C1(8-10)-20170421	SSB-C1(13-15)-20170421	SSB-C1(18-20)-20170421
Lab Sample ID	Part 375	Part 375	460-132206-30	460-132206-31	460-132063-1	460-132063-2	460-132063-3	460-132063-4
Date Sampled	Unrestricted	Restricted	4/24/2017	4/24/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.035 J	0.011 J	0.013 J	0.019 J
Acenaphthylene	100	100	0.34 U	0.34 U	0.036 J	0.018 J	0.019 J	0.013 J
Anthracene	100	100	0.34 U	0.34 U	0.085 J	0.35 U	0.05 J	0.046 J
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.26	0.14	0.31	0.14
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.26	0.16	0.31	0.13
Benzo(B)Fluoranthene	1	1	0.034 UJ	0.034 UJ	0.37	0.25	0.46	0.18
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.24 J	0.15 J	0.24 J	0.1 J
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.15	0.086	0.16	0.062
Chrysene	1	3.9	0.34 U	0.34 U	0.31 J	0.17 J	0.33 J	0.13 J
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.034 U	0.052	0.035 U	0.065	0.026 J
Fluoranthene	100	100	0.34 U	0.34 U	0.53	0.26 J	0.52	0.32 J
Fluorene	30	100	0.34 U	0.34 U	0.037 J	0.012 J	0.012 J	0.02 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.21	0.15	0.23	0.096
Phenanthrene	100	100	0.34 U	0.34 U	0.4	0.18 J	0.28 J	0.24 J
Pyrene	100	100	0.34 U	0.34 U	0.55	0.23 J	0.5	0.28 J

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C1(23-25)-20170421	SSB-C2(2-4)-20170421	SSB-C2(8-10)-20170421	SSB-C2(13-15)-20170421	SSB-C2(18-20)-20170421	SSB-C2(23-25)-20170421
Lab Sample ID	Part 375	Part 375	460-132063-5	460-132063-6	460-132063-8	460-132063-9	460-132063-10	460-132063-11
Date Sampled	Unrestricted	Restricted	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential	1	1	2	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.37 U	0.024 JL	0.36 U	0.34 U	0.34 U
Acenaphthylene	100	100	0.34 U	0.37 U	0.063 JL	0.36 U	0.34 U	0.34 U
Anthracene	100	100	0.34 U	0.37 U	0.38 JL	0.36 U	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	0.034 U	0.1	**5.3**	0.036 U	0.034 U	0.034 U
Benzo(A)Pyrene	1	1	0.034 U	0.09	**2**	0.036 U	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.13	**7.8**	0.036 U	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.37 U	3.4	0.16 J	0.34 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.056	**3.2**	0.036 U	0.034 U	0.034 U
Chrysene	1	3.9	0.34 U	0.099 J	**7.2**	0.36 U	0.34 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.037 U	**1.1**	0.036 U	0.034 U	0.034 U
Fluoranthene	100	100	0.34 U	0.19 J	12	0.36 U	0.34 U	0.34 U
Fluorene	30	100	0.34 U	0.37 U	0.032 JL	0.36 U	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.037 U	**3.5**	0.15	0.034 U	0.034 U
Phenanthrene	100	100	0.34 U	0.082 J	4.3	0.36 U	0.34 U	0.34 U
Pyrene	100	100	0.34 U	0.13 J	9.3	0.36 U	0.34 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C3(3-5)-20170421	SSB-C3(8-10)-20170421	SSB-C3(13-15)-20170421	SSB-C3(18-20)-20170421	SSB-C3(23-25)-20170421	SSB-C4(3-5)-20170421
Lab Sample ID	Part 375	Part 375	460-132063-12	460-132063-13	460-132063-14	460-132063-15	460-132063-16	460-132063-17
Date Sampled	Unrestricted	Restricted	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.38 U	0.38 U	0.34 U	0.35 U	0.34 U	0.095 J
Acenaphthylene	100	100	0.019 J	0.38 U	0.34 U	0.35 U	0.34 U	0.35 U
Anthracene	100	100	0.085 J	0.38 U	0.34 U	0.35 U	0.34 U	0.28 J
Benzo(A)Anthracene	1	1	0.43	0.038 U	0.034 U	0.035 U	0.034 U	0.52
Benzo(A)Pyrene	1	1	0.26	0.14	0.034 U	0.035 U	0.034 U	0.45
Benzo(B)Fluoranthene	1	1	0.6	0.11	0.034 U	0.035 U	0.034 U	0.59
Benzo(G,H,I)Perylene	100	100	0.24 J	0.46	0.34 U	0.35 U	0.34 U	0.31 J
Benzo(K)Fluoranthene	0.8	3.9	0.22	0.092	0.034 U	0.035 U	0.034 U	0.23
Chrysene	1	3.9	0.53	0.38 U	0.34 U	0.35 U	0.34 U	0.5
Dibenz(A,H)Anthracene	0.33	0.33	0.077	0.33	0.034 U	0.035 U	0.034 U	0.078
Fluoranthene	100	100	1	0.38 U	0.34 U	0.35 U	0.34 U	1.4
Fluorene	30	100	0.38 U	0.38 U	0.34 U	0.35 U	0.34 U	0.078 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.25	0.48	0.034 U	0.035 U	0.034 U	0.3
Phenanthrene	100	100	0.78	0.38 U	0.34 U	0.35 U	0.34 U	1.4
Pyrene	100	100	0.79	0.38 U	0.34 U	0.35 U	0.34 U	1.1

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C4(8-10)-20170421	SSB-C4(13-15)-20170421	SSB-C4(18-20)-20170421	SSB-C4(23-25)-20170421	SSB-C5(3-5)-20170421	SSB-C5(8-10)-20170421
Lab Sample ID	Part 375	Part 375	460-132063-18	460-132063-19	460-132063-20	460-132063-21	460-132063-22	460-132063-24
Date Sampled	Unrestricted	Restricted	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.37 U	0.35 U	0.35 U	0.35 U	0.39 U	0.35 U
Acenaphthylene	100	100	0.37 U	0.35 U	0.35 U	0.35 U	0.39 U	0.35 U
Anthracene	100	100	0.37 U	0.35 U	0.35 U	0.35 U	0.39 U	0.35 U
Benzo(A)Anthracene	1	1	0.037 U	0.035 U	0.035 U	0.035 U	0.039 U	0.035 U
Benzo(A)Pyrene	1	1	0.012 J	0.035 U	0.035 U	0.035 U	0.039 U	0.035 U
Benzo(B)Fluoranthene	1	1	0.018 J	0.035 U	0.035 U	0.035 U	0.039 U	0.035 U
Benzo(G,H,I)Perylene	100	100	0.37 U	0.35 U	0.35 U	0.35 U	0.39 U	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	0.037 U	0.035 U	0.035 U	0.035 U	0.039 U	0.035 U
Chrysene	1	3.9	0.013 J	0.35 U	0.35 U	0.35 U	0.39 U	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	0.037 UJ	0.035 UJ	0.035 U	0.035 U	0.039 U	0.035 U
Fluoranthene	100	100	0.028 J	0.35 U	0.35 U	0.35 U	0.39 U	0.35 U
Fluorene	30	100	0.37 U	0.35 U	0.35 U	0.35 U	0.39 U	0.35 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.037 UJ	0.035 UJ	0.035 U	0.035 U	0.039 U	0.035 U
Phenanthrene	100	100	0.028 J	0.0096 J	0.35 U	0.35 U	0.39 U	0.35 U
Pyrene	100	100	0.035 J	0.35 U	0.35 U	0.35 U	0.39 U	0.35 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C5(13-15)-20170421	SSB-C5(18-20)-20170421	SSB-C5(23-25)-20170421	SSB-C5(26-28)-20170421	SSB-C6(3-5)-20170421	SSB-C6(7-9)-20170421
Lab Sample ID	Part 375	Part 375	460-132063-25	460-132063-26	460-132063-27	460-132063-28	460-132063-29	460-132063-30
Date Sampled	Unrestricted	Restricted	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.34 U	0.34 U	0.067 J	0.36 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.34 U	0.34 U	0.021 J	0.36 U
Anthracene	100	100	0.34 U	0.34 U	0.34 U	0.34 U	0.17 J	0.36 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.034 U	0.034 U	0.62	0.036 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.034 U	0.034 U	0.59	0.036 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.034 U	0.034 U	0.79	0.036 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.34 U	0.34 U	0.5	0.36 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.034 U	0.034 U	0.32	0.036 U
Chrysene	1	3.9	0.34 U	0.34 U	0.34 U	0.34 U	0.7	0.36 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.034 U	0.034 U	0.034 UJ	0.12 J	0.036 U
Fluoranthene	100	100	0.34 U	0.34 U	0.34 U	0.34 U	1.1	0.36 U
Fluorene	30	100	0.34 U	0.34 U	0.34 U	0.34 U	0.055 J	0.36 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.034 U	0.034 UJ	**0.51 J**	0.036 UJ
Phenanthrene	100	100	0.34 U	0.34 U	0.34 U	0.34 U	0.91	0.36 U
Pyrene	100	100	0.34 U	0.34 U	0.34 U	0.34 U	1.3	0.36 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D1(3-5)-20170420	SSB-D1(8-10)-20170420	SSB-D1(13-15)-20170420	SSB-D1(18-20)-20170420	SSB-D1(23-25)-20170420	SSB-D2(3-5)-20170420
Lab Sample ID	Part 375	Part 375	460-131963-1	460-131963-2	460-131963-3	460-131963-4	460-131963-5	460-131963-6
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.017 J	0.011 J	0.35 U	0.36 U	0.34 U	0.017 J
Acenaphthylene	100	100	0.019 J	0.01 J	0.35 U	0.36 U	0.34 U	0.024 J
Anthracene	100	100	0.055 J	0.05 J	0.35 U	0.36 U	0.34 U	0.085 J
Benzo(A)Anthracene	1	1	0.16	0.26	0.035 U	0.036 U	0.034 U	0.85
Benzo(A)Pyrene	1	1	0.19	0.24	0.035 U	0.036 U	0.034 U	0.63
Benzo(B)Fluoranthene	1	1	0.26	0.33	0.035 U	0.036 U	0.034 U	**1.5**
Benzo(G,H,I)Perylene	100	100	0.2 J	0.21 J	0.35 U	0.36 U	0.34 U	0.85 J
Benzo(K)Fluoranthene	0.8	3.9	0.093	0.14	0.035 U	0.036 U	0.034 UJ	0.51
Chrysene	1	3.9	0.19 J	0.28 J	0.35 U	0.36 U	0.34 U	**1.2**
Dibenz(A,H)Anthracene	0.33	0.33	0.053	0.051 J	0.035 U	0.036 U	0.034 UJ	0.24 J
Fluoranthene	100	100	0.31 J	0.46	0.35 U	0.36 U	0.34 U	1.5
Fluorene	30	100	0.015 J	0.36 U	0.35 U	0.36 U	0.34 U	0.0091 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.19	0.21 J	0.035 U	0.036 U	0.034 UJ	**0.9 J**
Phenanthrene	100	100	0.23 J	0.33 J	0.35 U	0.36 U	0.34 U	0.6
Pyrene	100	100	0.3 J	0.48	0.35 U	0.36 U	0.34 U	1.4

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D2(8-10)-20170420	SSB-X(8-10)-20170420	SSB-D2(13-15)-20170420	SSB-D2(18-20)-20170420	SSB-D2(23-25)-20170420	SSB-D3(3-5)-20170420
Lab Sample ID	Part 375	Part 375	460-131963-7	460-131963-8	460-131963-9	460-131963-10	460-131963-11	460-131963-12
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.39 U	0.39 U	0.36 U	0.35 U	0.34 U	0.38 U
Acenaphthylene	100	100	0.39 U	0.39 U	0.36 U	0.35 U	0.34 U	0.38 U
Anthracene	100	100	0.39 U	0.39 U	0.36 U	0.35 U	0.34 U	0.38 U
Benzo(A)Anthracene	1	1	0.039 U	0.039 U	0.036 U	0.035 U	0.034 U	0.038 U
Benzo(A)Pyrene	1	1	0.039 U	0.039 U	0.036 U	0.035 U	0.034 U	0.038 U
Benzo(B)Fluoranthene	1	1	0.039 U	0.039 U	0.036 U	0.035 U	0.034 U	0.038 U
Benzo(G,H,I)Perylene	100	100	0.39 UJ	0.39 UJ	0.36 UJ	0.35 UJ	0.34 UJ	0.38 UJ
Benzo(K)Fluoranthene	0.8	3.9	0.039 U	0.039 U	0.036 U	0.035 U	0.034 U	0.038 U
Chrysene	1	3.9	0.39 U	0.39 U	0.36 U	0.35 U	0.34 U	0.38 U
Dibenz(A,H)Anthracene	0.33	0.33	0.039 UJ	0.039 UJ	0.036 UJ	0.035 UJ	0.034 UJ	0.038 UJ
Fluoranthene	100	100	0.39 U	0.39 U	0.36 U	0.35 U	0.34 U	0.38 U
Fluorene	30	100	0.39 U	0.39 U	0.36 U	0.35 U	0.34 U	0.38 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.039 UJ	0.039 UJ	0.036 UJ	0.035 UJ	0.034 UJ	0.038 UJ
Phenanthrene	100	100	0.39 U	0.39 U	0.36 U	0.35 U	0.34 U	0.38 U
Pyrene	100	100	0.39 U	0.39 U	0.36 U	0.35 U	0.34 U	0.38 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D3(8-10)-20170420	SSB-D3(13-15)-20170420	SSB-D3(18-20)-20170420	SSB-D3(23-25)-20170420	SSB-D4(3-5)-20170420	SSB-D4(8-10)-20170420
Lab Sample ID	Part 375	Part 375	460-131963-13	460-131963-14	460-131963-15	460-131963-16	460-131963-17	460-131963-18
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.38 U	0.36 U	0.34 U	0.34 U	0.024 J	0.37 U
Acenaphthylene	100	100	0.38 U	0.36 U	0.34 U	0.34 U	0.012 J	0.37 U
Anthracene	100	100	0.38 U	0.36 U	0.34 U	0.34 U	0.094 J	0.37 U
Benzo(A)Anthracene	1	1	0.038 U	0.036 U	0.034 U	0.034 U	0.49	0.037 U
Benzo(A)Pyrene	1	1	0.038 U	0.036 U	0.034 U	0.034 U	0.58	0.037 U
Benzo(B)Fluoranthene	1	1	0.038 U	0.036 U	0.034 U	0.034 U	0.71	0.037 U
Benzo(G,H,I)Perylene	100	100	0.38 U	0.36 UJ	0.34 U	0.34 U	0.56	0.37 U
Benzo(K)Fluoranthene	0.8	3.9	0.038 U	0.036 U	0.034 U	0.034 U	0.26	0.037 U
Chrysene	1	3.9	0.38 U	0.36 U	0.34 U	0.34 U	0.54	0.37 U
Dibenz(A,H)Anthracene	0.33	0.33	0.038 U	0.036 UJ	0.034 UJ	0.034 UJ	0.14 J	0.037 U
Fluoranthene	100	100	0.38 U	0.36 U	0.34 U	0.34 U	0.9	0.37 U
Fluorene	30	100	0.38 U	0.36 U	0.34 U	0.34 U	0.023 J	0.37 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.038 U	0.036 UJ	0.034 U	0.034 U	**0.63**	0.037 U
Phenanthrene	100	100	0.38 U	0.36 U	0.34 U	0.34 U	0.44	0.37 U
Pyrene	100	100	0.38 U	0.36 U	0.34 U	0.34 U	0.85	0.37 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D4(13-15)-20170420	SSB-D4(18-20)-20170420	SSB-D4(23-25)-20170420	SSB-D5(3-5)-20170420	SSB-D5(8-10)-20170420	SSB-D5(13-15)-20170420
Lab Sample ID	Part 375	Part 375	460-131963-19	460-131963-20	460-131963-21	460-131963-22	460-131963-23	460-131963-24
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.34 U	0.062 J	0.34 U	0.34 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.34 U	0.022 J	0.34 U	0.34 U
Anthracene	100	100	0.34 U	0.34 U	0.34 U	0.22 J	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.034 U	0.76	0.034 U	0.034 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.034 U	0.88	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.034 U	**1.2**	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.34 U	0.8	0.34 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.034 U	0.38	0.034 U	0.034 U
Chrysene	1	3.9	0.34 U	0.34 U	0.34 U	0.84	0.34 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 UJ	0.034 U	0.034 U	0.19	0.034 U	0.034 U
Fluoranthene	100	100	0.34 U	0.34 U	0.34 U	1.5	0.34 U	0.34 U
Fluorene	30	100	0.34 U	0.34 U	0.34 U	0.073 J	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.034 U	**0.78**	0.034 U	0.034 U
Phenanthrene	100	100	0.34 U	0.34 U	0.34 U	1	0.012 J	0.34 U
Pyrene	100	100	0.34 U	0.34 U	0.34 U	1.5	0.34 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-XX(13-15)-20170420	SSB-D5(18-20)-20170420	SSB-D5(22-24)-20170420	SSB-D6(3-5)-20170420	SSB-D6(8-10)-20170420	SSB-D6(13-15)-20170420
Lab Sample ID	Part 375	Part 375	460-131963-25	460-131963-26	460-131963-27	460-131963-28	460-131963-29	460-131963-30
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.34 U	0.18 J	0.27 J	0.35 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.34 U	0.046 J	0.13 J	0.35 U
Anthracene	100	100	0.34 U	0.34 U	0.34 U	0.46	1.1	0.35 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.034 U	**1.3**	**3.3**	0.035 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.034 U	**1.3**	**3.2**	0.035 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.034 U	**1.7**	**3.8**	0.035 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.34 U	0.94	3.3	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.034 U	0.66	**1.5**	0.035 U
Chrysene	1	3.9	0.34 U	0.34 U	0.34 U	**1.3**	**3.3**	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.034 U	0.034 U	0.24	**0.8**	0.035 U
Fluoranthene	100	100	0.34 U	0.34 U	0.34 U	2.9	7	0.35 U
Fluorene	30	100	0.34 U	0.34 U	0.34 U	0.17 J	0.27 J	0.35 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.034 U	**0.93**	**3.5**	0.035 U
Phenanthrene	100	100	0.34 U	0.34 U	0.34 U	1.9	5	0.35 U
Pyrene	100	100	0.34 U	0.34 U	0.34 U	2.2	5.6	0.35 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D6(18-20)-20170420	SSB-D6(23-25)-20170420	SSB-D6(28-30)-20170420	SSB-E1(3-5)-20170419	SSB-E1(8-10)-20170419	SSB-E1(13-15)-20170419
Lab Sample ID	Part 375	Part 375	460-131963-31	460-131963-32	460-131963-33	460-131962-1	460-131962-2	460-131962-3
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/20/2017	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.34 U	0.35 U	0.35 U	0.35 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.34 U	0.35 U	0.35 U	0.35 U
Anthracene	100	100	0.34 U	0.34 U	0.34 U	0.35 U	0.35 U	0.35 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.034 U	0.047	0.039	0.035 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.034 U	0.035 U	0.038	0.035 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.034 U	0.035 U	0.049	0.035 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.34 U	0.35 U	0.35 U	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.034 U	0.035 U	0.018 J	0.035 U
Chrysene	1	3.9	0.34 U	0.34 U	0.34 U	0.036 J	0.039 J	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.034 U	0.034 U	0.035 U	0.035 U	0.035 U
Fluoranthene	100	100	0.34 U	0.34 U	0.34 U	0.075 J	0.074 J	0.35 U
Fluorene	30	100	0.34 U	0.34 U	0.34 U	0.35 U	0.35 U	0.35 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.034 U	0.035 U	0.035 U	0.035 U
Phenanthrene	100	100	0.34 U	0.34 U	0.34 U	0.032 J	0.063 J	0.35 U
Pyrene	100	100	0.34 U	0.34 U	0.34 U	0.064 J	0.063 J	0.35 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-E1(18-20)-20170419	SSB-E1(23-25)-20170419	SSB-E1(26-28)-20170419	SSB-E2(3-5)-20170419	SSB-E2(8-10)-20170419	SSB-X(8-10)-20170419
Lab Sample ID	Part 375	Part 375	460-131962-4	460-131962-5	460-131962-6	460-131962-7	460-131962-8	460-131962-9
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.34 U	0.36 U	0.38 U	0.37 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.34 U	0.36 U	0.38 U	0.37 U
Anthracene	100	100	0.34 U	0.34 U	0.34 U	0.36 U	0.38 U	0.37 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.034 U	0.036 U	0.038 U	0.037 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.034 U	0.036 U	0.038 U	0.037 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.034 U	0.036 U	0.038 U	0.037 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.34 U	0.36 U	0.38 U	0.37 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.034 U	0.036 U	0.038 U	0.037 U
Chrysene	1	3.9	0.34 U	0.34 U	0.34 U	0.36 U	0.38 U	0.37 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.034 U	0.034 U	0.036 U	0.038 U	0.037 U
Fluoranthene	100	100	0.34 U	0.34 U	0.34 U	0.36 U	0.38 U	0.37 U
Fluorene	30	100	0.34 U	0.34 U	0.34 U	0.36 U	0.38 U	0.37 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.034 U	0.036 U	0.038 U	0.037 U
Phenanthrene	100	100	0.34 U	0.34 U	0.34 U	0.36 U	0.38 U	0.37 U
Pyrene	100	100	0.34 U	0.34 U	0.34 U	0.36 U	0.38 U	0.37 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-E2(13-15)-20170419	SSB-E2(18-20)-20170419	SSB-E2(23-25)-20170419	SSB-E2(26-28)-20170419	SSB-E3(3-5)-20170419	SSB-E3(8-10)-20170419
Lab Sample ID	Part 375	Part 375	460-131962-10	460-131962-11	460-131962-12	460-131962-13	460-131962-14	460-131962-15
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U
Anthracene	100	100	0.34 U	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.034 U	0.037 U	0.035 U	0.035 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.034 U	0.037 U	0.035 U	0.035 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.034 U	0.037 U	0.035 U	0.035 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.034 U	0.037 U	0.035 U	0.035 U
Chrysene	1	3.9	0.34 U	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.034 U	0.034 U	0.037 U	0.035 U	0.035 U
Fluoranthene	100	100	0.34 U	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U
Fluorene	30	100	0.34 U	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.034 U	0.037 U	0.035 U	0.035 U
Phenanthrene	100	100	0.34 U	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U
Pyrene	100	100	0.34 U	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-E3(13-15)-20170419	SSB-E3(18-20)-20170419	SSB-E3(23-25)-20170419	SSB-E3(26-28)-20170419	SSB-E4(3-5)-20170419	SSB-E4(8-10)-20170419
Lab Sample ID	Part 375	Part 375	460-131962-16	460-131962-17	460-131962-18	460-131962-19	460-131962-20	460-131962-21
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.36 U	0.34 U	0.35 U	0.36 U	0.34 U
Acenaphthylene	100	100	0.34 U	0.36 U	0.34 U	0.35 U	0.36 U	0.34 U
Anthracene	100	100	0.34 U	0.36 U	0.34 U	0.35 U	0.36 U	0.34 U
Benzo(A)Anthracene	1	1	0.034 U	0.036 U	0.034 U	0.035 U	0.036 U	0.034 U
Benzo(A)Pyrene	1	1	0.034 U	0.036 U	0.034 U	0.035 U	0.072	0.034 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.036 U	0.034 U	0.035 U	0.098	0.034 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.36 U	0.34 U	0.35 U	0.065 J	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.036 U	0.034 U	0.035 U	0.039	0.034 U
Chrysene	1	3.9	0.34 U	0.36 U	0.34 U	0.35 U	0.068 J	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.036 U	0.034 UJ	0.035 UJ	0.036 U	0.034 U
Fluoranthene	100	100	0.34 U	0.36 U	0.34 U	0.35 U	0.13 J	0.34 U
Fluorene	30	100	0.34 U	0.36 U	0.34 U	0.35 U	0.36 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.036 U	0.034 UJ	0.035 UJ	0.061	0.034 U
Phenanthrene	100	100	0.34 U	0.36 U	0.34 U	0.35 U	0.065 J	0.34 U
Pyrene	100	100	0.34 U	0.36 U	0.34 U	0.35 U	0.12 J	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-XX(8-10)-20170419	SSB-E4(13-15)-20170419	SSB-E4(18-20)-20170419	SSB-E4(23-25)-20170419	SSB-E4(27-29)-20170419	SSB-E5(3-5)-20170419
Lab Sample ID	Part 375	Part 375	460-131962-32	460-131962-22	460-131962-23	460-131962-24	460-131962-25	460-131962-26
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.35 U	0.34 U	0.34 U	0.35 U	0.34 U	0.047 J
Acenaphthylene	100	100	0.35 U	0.34 U	0.34 U	0.35 U	0.34 U	0.07 J
Anthracene	100	100	0.35 U	0.34 U	0.34 U	0.35 U	0.34 U	0.16 J
Benzo(A)Anthracene	1	1	0.035 U	0.034 U	0.034 U	0.035 U	0.034 U	0.58
Benzo(A)Pyrene	1	1	0.035 U	0.034 U	0.034 U	0.035 U	0.034 U	0.6
Benzo(B)Fluoranthene	1	1	0.035 U	0.034 U	0.034 U	0.035 U	0.034 U	0.72
Benzo(G,H,I)Perylene	100	100	0.35 U	0.34 U	0.34 U	0.35 U	0.34 U	0.43
Benzo(K)Fluoranthene	0.8	3.9	0.035 U	0.034 U	0.034 U	0.035 U	0.034 U	0.26
Chrysene	1	3.9	0.35 U	0.34 U	0.34 U	0.35 U	0.34 U	0.61
Dibenz(A,H)Anthracene	0.33	0.33	0.035 U	0.034 U	0.034 U	0.035 U	0.034 U	0.11
Fluoranthene	100	100	0.35 U	0.34 U	0.34 U	0.35 U	0.34 U	1.2
Fluorene	30	100	0.35 U	0.34 U	0.34 U	0.35 U	0.34 U	0.04 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.035 U	0.034 U	0.034 U	0.035 U	0.034 U	0.44
Phenanthrene	100	100	0.35 U	0.34 U	0.34 U	0.35 U	0.34 U	0.69
Pyrene	100	100	0.35 U	0.34 U	0.34 U	0.35 U	0.34 U	1

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-E5(8-10)-20170419	SSB-E5(13-15)-20170419	SSB-E5(18-20)-20170419	SSB-E5(23-25)-20170419	SSB-E5(28-30)-20170419	SSB-E6(3-5)-20170419
Lab Sample ID	Part 375	Part 375	460-131962-27	460-131962-28	460-131962-29	460-131962-30	460-131962-31	460-131962-33
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	0.08 J
Acenaphthylene	100	100	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	0.044 J
Anthracene	100	100	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	0.25 J
Benzo(A)Anthracene	1	1	0.066	0.035 U	0.034 U	0.034 U	0.034 U	**1.7**
Benzo(A)Pyrene	1	1	0.069	0.035 U	0.034 U	0.034 U	0.034 U	**1.8**
Benzo(B)Fluoranthene	1	1	0.099	0.035 U	0.034 U	0.034 U	0.034 U	**2.3**
Benzo(G,H,I)Perylene	100	100	0.058 J	0.35 U	0.34 U	0.34 U	0.34 U	1.3
Benzo(K)Fluoranthene	0.8	3.9	0.033 J	0.035 U	0.034 U	0.034 U	0.034 U	**0.92**
Chrysene	1	3.9	0.068 J	0.35 U	0.34 U	0.34 U	0.34 U	**1.7**
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.035 U	0.034 U	0.034 U	0.034 U	**0.39**
Fluoranthene	100	100	0.13 J	0.35 U	0.34 U	0.34 U	0.34 U	2.5
Fluorene	30	100	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	0.077 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.059	0.035 U	0.034 U	0.034 U	0.034 U	**1.4**
Phenanthrene	100	100	0.08 J	0.35 U	0.34 U	0.34 U	0.34 U	1.3
Pyrene	100	100	0.13 J	0.35 U	0.34 U	0.34 U	0.34 U	2

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-E6(7-9)-20170419	SSB-E6(13-15)-20170419	SSB-E6(18-20)-20170419	SSB-E6(23-25)-20170419	SSB-E6(28-30)-20170419	SSB-F1(3-5)-20170417
Lab Sample ID	Part 375	Part 375	460-131962-34	460-131962-35	460-131962-36	460-131962-37	460-131962-38	460-131745-23
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/17/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.37 U	0.35 U	0.029 J	0.34 U	0.34 U	0.13 J
Acenaphthylene	100	100	0.37 U	0.35 U	0.027 J	0.34 U	0.34 U	0.13 J
Anthracene	100	100	0.37 U	0.35 U	0.14 J	0.34 U	0.34 U	0.47
Benzo(A)Anthracene	1	1	0.037 U	0.035 U	0.62	0.034 U	0.034 U	**2.2**
Benzo(A)Pyrene	1	1	0.037 U	0.035 U	0.61	0.034 U	0.034 U	**2.2**
Benzo(B)Fluoranthene	1	1	0.063	0.035 U	0.88	0.034 U	0.034 U	**2.7**
Benzo(G,H,I)Perylene	100	100	0.026 J	0.35 U	0.74	0.34 U	0.34 U	1.7
Benzo(K)Fluoranthene	0.8	3.9	0.037 U	0.035 U	0.31	0.034 U	0.034 U	**0.96**
Chrysene	1	3.9	0.047 J	0.35 U	0.71	0.34 U	0.34 U	**2**
Dibenz(A,H)Anthracene	0.33	0.33	0.037 U	0.035 U	0.16	0.034 U	0.034 U	**0.49 J**
Fluoranthene	100	100	0.028 J	0.35 U	1.1	0.34 U	0.34 U	3.7
Fluorene	30	100	0.37 U	0.35 U	0.022 J	0.34 U	0.34 U	0.11 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.037 U	0.035 U	**0.64**	0.034 U	0.034 U	**2.1 J**
Phenanthrene	100	100	0.011 J	0.35 U	0.64	0.34 U	0.34 U	1.7
Pyrene	100	100	0.021 J	0.35 U	1.1	0.34 U	0.34 U	3.9

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F1(8-10)-20170417	SSB-F1(13-15)-20170417	SSB-F1(18-20)-20170417	SSB-F1(23-25)-20170417	SSB-F1(28-30)-20170417	SSB-F2(3-5)-20170417
Lab Sample ID	Part 375	Part 375	460-131745-24	460-131745-25	460-131745-26	460-131745-27	460-131745-28	460-131745-30
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	2
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.02 J	0.34 U	0.34 U	0.34 U	0.35 U	1.8
Acenaphthylene	100	100	0.022 J	0.34 U	0.34 U	0.34 U	0.35 U	0.094 J
Anthracene	100	100	0.073 J	0.34 U	0.34 U	0.34 U	0.35 U	2.8
Benzo(A)Anthracene	1	1	0.26	0.092	0.034 U	0.034 U	0.035 U	**5.9**
Benzo(A)Pyrene	1	1	0.25	0.1	0.034 U	0.034 U	0.035 U	**6.1**
Benzo(B)Fluoranthene	1	1	0.32	0.11	0.034 U	0.034 U	0.035 U	**7**
Benzo(G,H,I)Perylene	100	100	0.19 J	0.078 J	0.34 U	0.34 U	0.35 U	3.6
Benzo(K)Fluoranthene	0.8	3.9	0.11	0.038	0.034 U	0.034 U	0.035 U	**2.9**
Chrysene	1	3.9	0.27 J	0.087 J	0.34 U	0.34 U	0.35 U	**5.1**
Dibenz(A,H)Anthracene	0.33	0.33	0.066 J	0.034 UJ	0.034 UJ	0.034 UJ	0.035 UJ	**1 J**
Fluoranthene	100	100	0.37 J	0.14 J	0.34 U	0.34 U	0.35 U	14
Fluorene	30	100	0.02 J	0.34 U	0.34 U	0.34 U	0.35 U	1.2
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.27 J	0.095 J	0.034 UJ	0.034 UJ	0.035 UJ	**4.5 J**
Phenanthrene	100	100	0.39	0.15 J	0.013 J	0.34 U	0.35 U	11
Pyrene	100	100	0.5	0.26 J	0.34 U	0.34 U	0.35 U	11

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F2(8-10)-20170417	SSB-F2(13-15)-20170417	SSB-F2(18-20)-20170417	SSB-F2(23-25)-20170417	SSB-F2(28-30)-20170417	SSB-F3(3-5)-20170418
Lab Sample ID	Part 375	Part 375	460-131745-32	460-131745-33	460-131745-34	460-131745-35	460-131745-36	460-131841-1
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/18/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.41 U	0.35 U	0.34 U	0.34 U	0.34 U	0.0087 J
Acenaphthylene	100	100	0.41 U	0.35 U	0.34 U	0.34 U	0.34 U	0.36 U
Anthracene	100	100	0.41 U	0.35 U	0.34 U	0.34 U	0.34 U	0.36 U
Benzo(A)Anthracene	1	1	0.041 U	0.035 U	0.034 U	0.034 U	0.034 U	0.095
Benzo(A)Pyrene	1	1	0.023 J	0.035 U	0.034 U	0.034 U	0.034 U	0.076
Benzo(B)Fluoranthene	1	1	0.041 U	0.035 U	0.034 U	0.034 U	0.034 U	0.12
Benzo(G,H,I)Perylene	100	100	0.41 U	0.35 U	0.34 U	0.34 U	0.34 U	0.049 J
Benzo(K)Fluoranthene	0.8	3.9	0.041 U	0.035 U	0.034 U	0.034 U	0.034 U	0.043
Chrysene	1	3.9	0.41 U	0.35 U	0.34 U	0.34 U	0.34 U	0.11 J
Dibenz(A,H)Anthracene	0.33	0.33	0.041 UJ	0.035 UJ	0.034 UJ	0.034 UJ	0.034 U	0.02 J
Fluoranthene	100	100	0.41 U	0.011 J	0.34 U	0.34 U	0.34 U	0.18 J
Fluorene	30	100	0.41 U	0.35 U	0.34 U	0.34 U	0.34 U	0.36 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.041 UJ	0.035 UJ	0.034 UJ	0.034 UJ	0.034 UJ	0.053 J
Phenanthrene	100	100	0.41 U	0.011 J	0.34 U	0.34 U	0.34 U	0.14 J
Pyrene	100	100	0.41 U	0.35 U	0.34 U	0.34 U	0.34 U	0.16 J

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F3(8-10)-20170418	SSB-F3(13-15)-20170418	SSB-F3(18-20)-20170418	SSB-F3(23-25)-20170418	SSB-F3(28-30)-20170418	SSB-F3(31-33)-20170418
Lab Sample ID	Part 375	Part 375	460-131841-2	460-131841-3	460-131841-4	460-131841-5	460-131841-6	460-131841-7
Date Sampled	Unrestricted	Restricted	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.35 U	0.34 U	0.34 U	0.34 U	0.35 U	0.35 U
Acenaphthylene	100	100	0.35 U	0.34 U	0.34 U	0.34 U	0.35 U	0.35 U
Anthracene	100	100	0.35 U	0.34 U	0.34 U	0.34 U	0.35 U	0.35 U
Benzo(A)Anthracene	1	1	0.035 U	0.034 U	0.034 U	0.034 U	0.035 U	0.031 J
Benzo(A)Pyrene	1	1	0.035 U	0.034 U	0.034 U	0.034 U	0.035 U	0.024 J
Benzo(B)Fluoranthene	1	1	0.035 U	0.034 U	0.034 U	0.034 U	0.035 U	0.045
Benzo(G,H,I)Perylene	100	100	0.35 U	0.34 U	0.34 U	0.34 U	0.35 U	0.026 J
Benzo(K)Fluoranthene	0.8	3.9	0.035 U	0.034 U	0.034 U	0.034 U	0.035 U	0.035 U
Chrysene	1	3.9	0.35 U	0.34 U	0.34 U	0.34 U	0.35 U	0.033 J
Dibenz(A,H)Anthracene	0.33	0.33	0.035 U	0.034 U	0.034 U	0.034 U	0.035 U	0.035 U
Fluoranthene	100	100	0.011 J	0.34 U	0.34 U	0.34 U	0.35 U	0.066 J
Fluorene	30	100	0.35 U	0.34 U	0.34 U	0.34 U	0.35 U	0.35 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.035 U	0.034 U	0.034 U	0.034 U	0.035 U	0.026 J
Phenanthrene	100	100	0.35 U	0.34 U	0.34 U	0.34 U	0.35 U	0.053 J
Pyrene	100	100	0.35 U	0.34 U	0.34 U	0.34 U	0.35 U	0.061 J

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F4(3-5)-20170418	SSB-F4(8-10)-20170418	SSB-F4(13-15)-20170418	SSB-F4(18-20)-20170418	SSB-F4(23-25)-20170418	SSB-F4(28-30)-20170418
Lab Sample ID	Part 375	Part 375	460-131841-8	460-131841-10	460-131841-11	460-131841-12	460-131841-13	460-131841-14
Date Sampled	Unrestricted	Restricted	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.1 J	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Acenaphthylene	100	100	0.044 J	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Anthracene	100	100	0.31 J	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	0.97	0.035 U	0.035 U	0.034 U	0.034 U	0.034 U
Benzo(A)Pyrene	1	1	0.97	0.035 U	0.035 U	0.034 U	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	**1.2**	0.035 U	0.035 U	0.034 U	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.84	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.42	0.035 U	0.035 U	0.034 U	0.034 U	0.034 U
Chrysene	1	3.9	0.96	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.2	0.035 U	0.035 U	0.034 U	0.034 U	0.034 U
Fluoranthene	100	100	1.9	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Fluorene	30	100	0.083 J	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**0.81**	0.035 U	0.035 U	0.034 U	0.034 U	0.034 U
Phenanthrene	100	100	1.1	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Pyrene	100	100	1.8	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F4(32-34)-20170418	SSB-F5(3-5)-20170418	SSB-F5(8-10)-20170418	SSB-F5(13-15)-20170418	SSB-F5(18-20)-20170418	SSB-F5(23-25)-20170418
Lab Sample ID	Part 375	Part 375	460-131841-15	460-131841-16	460-131841-17	460-131841-18	460-131841-19	460-131841-20
Date Sampled	Unrestricted	Restricted	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.32 J	0.36 U	0.34 U	0.34 U	0.34 U
Acenaphthylene	100	100	0.34 U	0.06 J	0.36 U	0.34 U	0.34 U	0.34 U
Anthracene	100	100	0.34 U	0.68	0.36 U	0.34 U	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	0.034 U	**2.4**	0.036 U	0.034 U	0.034 U	0.034 U
Benzo(A)Pyrene	1	1	0.034 U	**2.6**	0.036 U	0.034 U	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.034 U	**3.1**	0.036 U	0.034 U	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.34 U	2.8	0.36 U	0.34 U	0.34 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	**1.2**	0.036 U	0.034 U	0.034 U	0.034 U
Chrysene	1	3.9	0.34 U	**2.5**	0.36 U	0.34 U	0.34 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	**0.63**	0.036 U	0.034 U	0.034 U	0.034 U
Fluoranthene	100	100	0.34 U	5.1	0.014 J	0.34 U	0.34 U	0.34 U
Fluorene	30	100	0.34 U	0.22 J	0.36 U	0.34 U	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	**3.1**	0.036 U	0.034 U	0.034 U	0.034 U
Phenanthrene	100	100	0.34 U	3	0.36 U	0.34 U	0.34 U	0.34 U
Pyrene	100	100	0.34 U	3.9	0.36 U	0.34 U	0.34 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F5(28-30)-20170418	SSB-F5(32-34)-20170418	SSB-F6(3-5)-20170418	SSB-F6(8-10)-20170418	SSB-F6(13-15)-20170418	SSB-F6(18-20)-20170418
Lab Sample ID	Part 375	Part 375	460-131841-21	460-131841-22	460-131841-23	460-131841-24	460-131841-25	460-131841-26
Date Sampled	Unrestricted	Restricted	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.35 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.35 U
Anthracene	100	100	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.35 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.035 U	0.036	0.034 U	0.035 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.035 U	0.038	0.034 U	0.035 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.035 U	0.057	0.034 U	0.035 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.35 U	0.021 J	0.34 U	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.035 U	0.023 J	0.034 U	0.035 U
Chrysene	1	3.9	0.34 U	0.34 U	0.35 U	0.035 J	0.34 U	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.034 U	0.035 U	0.036 U	0.034 U	0.035 U
Fluoranthene	100	100	0.34 U	0.34 U	0.35 U	0.064 J	0.34 U	0.35 U
Fluorene	30	100	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.35 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.035 U	0.042	0.034 U	0.035 U
Phenanthrene	100	100	0.34 U	0.34 U	0.35 U	0.041 J	0.34 U	0.35 U
Pyrene	100	100	0.34 U	0.34 U	0.35 U	0.065 J	0.34 U	0.35 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F6(23-25)-20170418	SSB-F6(28-30)-20170418	SSB-F6(32-34)-20170418	SSB-G1(2-4)-20170414	SSB-G1(8-10)-20170414	SSB-X(8-10)-20170414
Lab Sample ID	Part 375	Part 375	460-131841-27	460-131841-28	460-131841-29	460-131680-9	460-131680-10	460-131680-11
Date Sampled	Unrestricted	Restricted	4/18/2017	4/18/2017	4/18/2017	4/14/2017	4/14/2017	4/14/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.35 U	0.34 U	0.34 U	0.38 U	0.38 U	0.36 U
Acenaphthylene	100	100	0.35 U	0.34 U	0.34 U	0.38 U	0.38 U	0.36 U
Anthracene	100	100	0.35 U	0.34 U	0.34 U	0.38 U	0.38 U	0.36 U
Benzo(A)Anthracene	1	1	0.035 U	0.034 U	0.034 U	0.074	0.038 U	0.036 U
Benzo(A)Pyrene	1	1	0.035 U	0.034 U	0.034 U	0.057	0.038 U	0.036 U
Benzo(B)Fluoranthene	1	1	0.035 U	0.034 U	0.034 U	0.12	0.038 U	0.036 U
Benzo(G,H,I)Perylene	100	100	0.35 U	0.34 U	0.34 U	0.063 J	0.38 U	0.36 U
Benzo(K)Fluoranthene	0.8	3.9	0.035 U	0.034 U	0.034 U	0.039	0.038 U	0.036 U
Chrysene	1	3.9	0.35 U	0.34 U	0.34 U	0.12 J	0.38 U	0.36 U
Dibenz(A,H)Anthracene	0.33	0.33	0.035 U	0.034 U	0.034 U	0.038 U	0.038 U	0.036 U
Fluoranthene	100	100	0.35 U	0.34 U	0.34 U	0.22 J	0.38 U	0.36 U
Fluorene	30	100	0.35 U	0.34 U	0.34 U	0.38 U	0.38 U	0.36 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.035 U	0.034 U	0.034 U	0.075	0.038 U	0.036 U
Phenanthrene	100	100	0.35 U	0.34 U	0.34 U	0.13 J	0.38 U	0.36 U
Pyrene	100	100	0.35 U	0.34 U	0.34 U	0.22 J	0.38 U	0.36 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-G1(13-15)-20170414	SSB-G1(18-20)-20170414	SSB-G1(23-25)-20170414	SSB-G1(28-30)-20170414	SSB-G1(31-33)-20170414	SSB-G2(5-7)-20170414
Lab Sample ID	Part 375	Part 375	460-131680-12	460-131680-13	460-131680-14	460-131680-15	460-131680-16	460-131680-17
Date Sampled	Unrestricted	Restricted	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.36 U
Acenaphthylene	100	100	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.36 U
Anthracene	100	100	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.36 U
Benzo(A)Anthracene	1	1	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U	0.05
Benzo(A)Pyrene	1	1	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U	0.056
Benzo(B)Fluoranthene	1	1	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U	0.069
Benzo(G,H,I)Perylene	100	100	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.03 J
Benzo(K)Fluoranthene	0.8	3.9	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U	0.02 J
Chrysene	1	3.9	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.035 J
Dibenz(A,H)Anthracene	0.33	0.33	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U	0.036 U
Fluoranthene	100	100	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.084 J
Fluorene	30	100	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.36 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U	0.037
Phenanthrene	100	100	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.06 J
Pyrene	100	100	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.08 J

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
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Client ID	NYSDEC	NYSDEC	SSB-G2(7-9)-20170414	SSB-G2(13-15)-20170414	SSB-G2(18-20)-20170414	SSB-G2(23-25)-20170414	SSB-G2(28-30)-20170414	SSB-G3(3-5)-20170414
Lab Sample ID	Part 375	Part 375	460-131680-18	460-131680-19	460-131680-20	460-131680-21	460-131680-22	460-131680-23
Date Sampled	Unrestricted	Restricted	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.38 U	0.34 U	0.35 U	0.34 U	0.031 J	0.38 U
Acenaphthylene	100	100	0.02 J	0.34 U	0.35 U	0.34 U	0.36 U	0.38 U
Anthracene	100	100	0.38 U	0.34 U	0.35 U	0.34 U	0.14 J	0.38 U
Benzo(A)Anthracene	1	1	0.038 U	0.034 U	0.035 U	0.034 U	0.44	0.038 U
Benzo(A)Pyrene	1	1	0.038 U	0.034 U	0.035 U	0.034 U	0.41	0.038 U
Benzo(B)Fluoranthene	1	1	0.038 U	0.034 U	0.035 U	0.034 U	0.61	0.038 U
Benzo(G,H,I)Perylene	100	100	0.38 U	0.34 U	0.35 U	0.34 U	0.37	0.38 U
Benzo(K)Fluoranthene	0.8	3.9	0.038 U	0.034 U	0.035 U	0.034 U	0.23	0.038 U
Chrysene	1	3.9	0.014 J	0.34 U	0.35 U	0.34 U	0.44	0.38 U
Dibenz(A,H)Anthracene	0.33	0.33	0.038 U	0.034 U	0.035 U	0.034 U	0.1	0.038 U
Fluoranthene	100	100	0.032 J	0.34 U	0.35 U	0.34 U	1	0.38 U
Fluorene	30	100	0.38 U	0.34 U	0.35 U	0.34 U	0.025 J	0.38 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.038 U	0.034 U	0.035 U	0.034 U	0.49	0.038 U
Phenanthrene	100	100	0.044 J	0.34 U	0.35 U	0.34 U	0.89	0.38 U
Pyrene	100	100	0.027 J	0.34 U	0.35 U	0.34 U	1.1	0.38 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
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Client ID	NYSDEC	NYSDEC	SSB-G3(8-10)-20170414	SSB-G3(13-15)-20170414	SSB-G3(18-20)-20170414	SSB-G3(23-25)-20170414	SSB-G3(28-30)-20170414	SSB-G3(31-33)-20170414
Lab Sample ID	Part 375	Part 375	460-131680-24	460-131680-25	460-131680-26	460-131680-27	460-131680-28	460-131680-29
Date Sampled	Unrestricted	Restricted	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.35 U	0.34 U	0.35 U	0.34 U	0.35 U	0.34 U
Acenaphthylene	100	100	0.35 U	0.34 U	0.35 U	0.34 U	0.35 U	0.34 U
Anthracene	100	100	0.35 U	0.34 U	0.35 U	0.34 U	0.35 U	0.34 U
Benzo(A)Anthracene	1	1	0.035 U	0.034 U	0.035 U	0.034 U	0.035 U	0.034 U
Benzo(A)Pyrene	1	1	0.035 U	0.034 U	0.035 U	0.034 U	0.035 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.035 U	0.034 U	0.035 U	0.034 U	0.035 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.35 U	0.34 U	0.35 U	0.34 U	0.35 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.035 U	0.034 U	0.035 U	0.034 U	0.035 U	0.034 U
Chrysene	1	3.9	0.35 U	0.34 U	0.35 U	0.34 U	0.35 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.035 U	0.034 U	0.035 U	0.034 U	0.035 U	0.034 U
Fluoranthene	100	100	0.35 U	0.34 U	0.35 U	0.34 U	0.35 U	0.34 U
Fluorene	30	100	0.35 U	0.34 U	0.35 U	0.34 U	0.35 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.035 U	0.034 U	0.035 U	0.034 U	0.035 U	0.034 U
Phenanthrene	100	100	0.35 U	0.34 U	0.35 U	0.34 U	0.35 U	0.34 U
Pyrene	100	100	0.35 U	0.34 U	0.35 U	0.34 U	0.35 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-G4(3-5)-20170417	SSB-G4(8-10)-20170417	SSB-G4(13-15)-20170417	SSB-G4(18-20)-20170417	SSB-G4(23-25)-20170417	SSB-G4(28-30)-20170417
Lab Sample ID	Part 375	Part 375	460-131745-1	460-131745-3	460-131745-4	460-131745-5	460-131745-6	460-131745-7
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential SCO	2	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	1.4	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Acenaphthylene	100	100	0.75 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Anthracene	100	100	2.3	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	**3.9**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Benzo(A)Pyrene	1	1	**4.2**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	**5**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	3.1	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	**2**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Chrysene	1	3.9	**4.1**	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	**0.83**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Fluoranthene	100	100	9.2	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Fluorene	30	100	1.5	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**3**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Phenanthrene	100	100	11	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Pyrene	100	100	7.9	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-G4(32-34)-20170417	SSB-G5(3-5)-20170417	SSB-G5(8-10)-20170417	SSB-G5(13-15)-20170417	SSB-G5(18-20)-20170417	SSB-G5(23-25)-20170417
Lab Sample ID	Part 375	Part 375	460-131745-8	460-131745-9	460-131745-10	460-131745-11	460-131745-12	460-131745-13
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential	1	5	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.76 J	0.36 U	0.35 U	0.35 U	0.34 U
Acenaphthylene	100	100	0.34 U	1.9 U	0.36 U	0.35 U	0.35 U	0.34 U
Anthracene	100	100	0.34 U	1.6 J	0.36 U	0.35 U	0.35 U	0.34 U
Benzo(A)Anthracene	1	1	0.034 U	**3.6**	0.036 U	0.035 U	0.035 U	0.034 U
Benzo(A)Pyrene	1	1	0.034 U	**4**	0.036 U	0.035 U	0.035 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.034 U	**4.5**	0.036 U	0.035 U	0.035 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.34 U	4.2	0.36 U	0.35 U	0.35 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	**2**	0.036 U	0.035 U	0.035 U	0.034 U
Chrysene	1	3.9	0.34 U	**3.8**	0.36 U	0.35 U	0.35 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	**1.1**	0.036 U	0.035 U	0.035 U	0.034 U
Fluoranthene	100	100	0.34 U	7.7	0.36 U	0.35 U	0.35 U	0.34 U
Fluorene	30	100	0.34 U	0.64 J	0.36 U	0.35 U	0.35 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	**4.1**	0.036 U	0.035 U	0.035 U	0.034 U
Phenanthrene	100	100	0.34 U	6.2	0.36 U	0.35 U	0.35 U	0.34 U
Pyrene	100	100	0.34 U	5.7	0.36 U	0.35 U	0.35 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-G5(28-30)-20170417	SSB-G5(33-35)-20170417	SSB-G6(3-5)-20170417	SSB-G6(8-10)-20170417	SSB-G6(13-15)-20170417	SSB-G6(18-20)-20170417
Lab Sample ID	Part 375	Part 375	460-131745-14	460-131745-15	460-131745-16	460-131745-17	460-131745-18	460-131745-19
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U	0.34 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U	0.34 U
Anthracene	100	100	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U	0.34 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.041	0.035 U	0.035 U	0.034 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.037 U	0.035 U	0.035 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.037 U	0.035 U	0.035 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.037 U	0.035 U	0.035 U	0.034 U
Chrysene	1	3.9	0.34 U	0.34 U	0.046 J	0.35 U	0.35 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.034 U	0.037 U	0.035 UJ	0.035 UJ	0.034 UJ
Fluoranthene	100	100	0.34 U	0.34 U	0.079 J	0.35 U	0.35 U	0.34 U
Fluorene	30	100	0.34 U	0.34 U	0.37 U	0.35 U	0.35 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.037 U	0.035 UJ	0.035 UJ	0.034 UJ
Phenanthrene	100	100	0.34 U	0.34 U	0.042 J	0.35 U	0.35 U	0.34 U
Pyrene	100	100	0.34 U	0.34 U	0.071 J	0.35 U	0.35 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-G6(23-25)-20170417	SSB-G6(28-30)-20170417	SSB-G6(33-35)-20170417	SSB-H1(3-5)-20170413	SSB-H1(7-9)-20170413	SSB-H2(1-3)-20170413
Lab Sample ID	Part 375	Part 375	460-131745-20	460-131745-21	460-131745-22	460-131670-9	460-131670-10	460-131670-11
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.35 U	0.34 U	0.34 U	0.39 U	0.41 U	0.36 U
Acenaphthylene	100	100	0.35 U	0.34 U	0.34 U	0.39 U	0.41 U	0.36 U
Anthracene	100	100	0.35 U	0.34 U	0.34 U	0.39 U	0.41 U	0.36 U
Benzo(A)Anthracene	1	1	0.035 U	0.034 U	0.034 U	0.046	0.041 U	0.036 U
Benzo(A)Pyrene	1	1	0.035 U	0.034 U	0.034 U	0.031 J	0.041 U	0.015 JL
Benzo(B)Fluoranthene	1	1	0.035 U	0.034 U	0.034 U	0.066	0.041 U	0.033 JL
Benzo(G,H,I)Perylene	100	100	0.35 U	0.34 U	0.34 U	0.027 J	0.41 UJ	0.36 U
Benzo(K)Fluoranthene	0.8	3.9	0.035 U	0.034 U	0.034 U	0.024 J	0.041 U	0.036 U
Chrysene	1	3.9	0.35 U	0.34 U	0.34 U	0.052 J	0.011 J	0.029 JL
Dibenz(A,H)Anthracene	0.33	0.33	0.035 UJ	0.034 UJ	0.034 UJ	0.039 U	0.041 UJ	0.036 UJ
Fluoranthene	100	100	0.35 U	0.34 U	0.34 U	0.093 J	0.016 J	0.048 J
Fluorene	30	100	0.35 U	0.34 U	0.34 U	0.39 U	0.41 U	0.36 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.035 UJ	0.034 UJ	0.034 UJ	0.046	0.041 UJ	0.031 JL
Phenanthrene	100	100	0.35 U	0.34 U	0.34 U	0.064 J	0.012 J	0.029 J
Pyrene	100	100	0.35 U	0.34 U	0.34 U	0.084 J	0.41 U	0.041 J

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-H2(7-9)-20170413	SSB-X(7-9)-20170413	SSB-H2(13-15)-20170413	SSB-H2(16-17)-20170413	SSB-H2(23-25)-20170413	SSB-H2(28-30)-20170413
Lab Sample ID	Part 375	Part 375	460-131670-12	460-131670-13	460-131670-14	460-131670-15	460-131670-16	460-131670-17
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential SCO	1	1	1	10	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.015 J	0.0094 J	0.0095 J	1.5 J	0.34 U	0.34 U
Acenaphthylene	100	100	0.37 U	0.36 U	0.38 U	3.7 U	0.34 U	0.34 U
Anthracene	100	100	0.081 J	0.063 J	0.38 U	3.7 U	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	0.24	0.23	0.11	0.47	0.14	0.034 U
Benzo(A)Pyrene	1	1	0.2	0.18	0.094	0.23 J	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.3	0.29	0.14	0.3 J	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.16 J	0.13 J	0.07 J	3.7 U	0.34 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.12	0.12	0.073	0.37 U	0.034 U	0.034 U
Chrysene	1	3.9	0.27 J	0.24 J	0.12 J	**2.1 J**	0.15 J	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.036 J	0.027 J	0.038 U	0.37 UJ	0.034 U	0.034 U
Fluoranthene	100	100	0.89	0.65	0.26 J	3.3 J	0.28 J	0.34 U
Fluorene	30	100	0.0098 J	0.36 U	0.012 J	3.7 U	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.19	0.16	0.099	0.34 J	0.034 U	0.034 U
Phenanthrene	100	100	0.48	0.37	0.24 J	49	1.7	0.01 J
Pyrene	100	100	0.52	0.45	0.2 J	9.4	0.34	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-H2(33-35)-20170413	SSB-H3(3-5)-20170413	SSB-H3(8-10)-20170413	SSB-H3(13-15)-20170413	SSB-H3(18-20)-20170413	SSB-H3(23-25)-20170413
Lab Sample ID	Part 375	Part 375	460-131670-18	460-131670-19	460-131670-20	460-131670-21	460-131670-22	460-131670-23
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.37 U	0.37 U	0.35 U	0.35 U	0.34 U
Acenaphthylene	100	100	0.34 U	0.37 U	0.37 U	0.02 J	0.35 U	0.34 U
Anthracene	100	100	0.34 U	0.37 U	0.37 U	0.044 J	0.35 U	0.34 U
Benzo(A)Anthracene	1	1	0.034 U	0.037 U	0.037 U	0.84	0.035 U	0.034 U
Benzo(A)Pyrene	1	1	0.034 U	0.037 U	0.037 U	0.93	0.035 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.027 J	0.037 U	**1.2**	0.035 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.34 UJ	0.37 UJ	0.37 UJ	0.71	0.35 UJ	0.34 UJ
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.037 U	0.037 U	0.54	0.035 U	0.034 U
Chrysene	1	3.9	0.34 U	0.016 J	0.37 U	0.83	0.35 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 UJ	0.037 UJ	0.037 UJ	0.15	0.035 UJ	0.034 UJ
Fluoranthene	100	100	0.34 U	0.027 J	0.37 U	1.9	0.35 U	0.34 U
Fluorene	30	100	0.34 U	0.37 U	0.37 U	0.35 U	0.35 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 UJ	0.026 J	0.037 UJ	**0.87**	0.035 UJ	0.034 UJ
Phenanthrene	100	100	0.34 U	0.029 J	0.37 U	0.19 J	0.35 U	0.34 U
Pyrene	100	100	0.34 U	0.026 J	0.37 U	1.5	0.35 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-H3(28-30)-20170413	SSB-H3(33-35)-20170413	SSB-H4(3-5)-20170413	SSB-H4(8-10)-20170413	SSB-H4(13-15)-20170413	SSB-H4(18-20)-20170413
Lab Sample ID	Part 375	Part 375	460-131670-24	460-131670-25	460-131670-26	460-131670-27	460-131670-28	460-131670-29
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.35 U	0.076 JL	0.36 U	0.34 U	0.34 U
Acenaphthylene	100	100	0.34 U	0.35 U	0.36 U	0.36 U	0.34 U	0.34 U
Anthracene	100	100	0.34 U	0.35 U	0.21 J	0.36 U	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	0.034 U	0.035 U	0.78	0.036 U	0.034 U	0.034 U
Benzo(A)Pyrene	1	1	0.034 U	0.035 U	0.77 JL	0.036 U	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.035 U	0.95	0.036 U	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.35 U	0.72	0.36 U	0.34 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.035 U	0.34 JL	0.036 U	0.034 U	0.034 U
Chrysene	1	3.9	0.34 U	0.35 U	0.76 JL	0.36 U	0.34 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 UJ	0.035 UJ	0.036 UJ	0.036 UJ	0.034 UJ	0.034 UJ
Fluoranthene	100	100	0.34 U	0.35 U	1.2 JL	0.36 U	0.34 U	0.34 U
Fluorene	30	100	0.34 U	0.35 U	0.094 JL	0.36 U	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.035 U	**0.96**	0.036 U	0.034 U	0.034 U
Phenanthrene	100	100	0.34 U	0.35 U	0.99	0.36 U	0.34 U	0.34 U
Pyrene	100	100	0.34 U	0.35 U	1.5	0.36 U	0.34 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-H4(23-25)-20170413	SSB-H4(28-30)-20170413	SSB-H4(33-35)-20170413	SSB-H5(3-5)-20170413	SSB-H5(8-10)-20170413	SSB-H5(13-15)-20170413
Lab Sample ID	Part 375	Part 375	460-131670-30	460-131670-31	460-131670-40	460-131670-32	460-131670-34	460-131670-35
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.34 U	0.018 JL	0.36 U	0.34 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.34 U	0.37 U	0.36 U	0.34 U
Anthracene	100	100	0.34 U	0.34 U	0.34 U	0.05 JL	0.36 U	0.34 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.034 U	0.19 JL	0.036 U	0.034 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.034 U	0.24	0.036 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.034 U	0.28	0.036 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.34 U	0.23 J	0.36 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.034 U	0.094 JL	0.036 U	0.034 U
Chrysene	1	3.9	0.34 U	0.34 U	0.34 U	0.18 JL	0.36 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 UJ	0.034 UJ	0.034 U	0.054 JL	0.036 UJ	0.034 UJ
Fluoranthene	100	100	0.34 U	0.34 U	0.34 U	0.29 JL	0.36 U	0.34 U
Fluorene	30	100	0.34 U	0.34 U	0.34 U	0.013 JL	0.36 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.034 U	0.27 JL	0.036 U	0.034 U
Phenanthrene	100	100	0.34 U	0.34 U	0.34 U	0.22 JL	0.36 U	0.34 U
Pyrene	100	100	0.34 U	0.34 U	0.34 U	0.38 JL	0.36 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-H5(18-20)-20170413	SSB-H5(22-24)-20170413	SSB-H6(3-5)-20170414	SSB-H6(8-10)-20170414	SSB-H6(13-15)-20170414	SSB-H6(18-20)-20170414
Lab Sample ID	Part 375	Part 375	460-131670-36	460-131670-37	460-131680-1	460-131680-2	460-131680-3	460-131680-4
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.36 U	0.36 U	0.36 U	0.35 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.36 U	0.36 U	0.36 U	0.35 U
Anthracene	100	100	0.34 U	0.34 U	0.36 U	0.36 U	0.36 U	0.35 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	0.036 U	0.036 U	0.036 U	0.035 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	0.024 J	0.036 U	0.036 U	0.035 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	0.027 J	0.036 U	0.036 U	0.035 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	0.36 U	0.36 U	0.36 U	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.036 U	0.036 U	0.036 U	0.035 U
Chrysene	1	3.9	0.34 U	0.34 U	0.014 J	0.36 U	0.36 U	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 UJ	0.034 UJ	0.036 UJ	0.036 UJ	0.036 UJ	0.035 UJ
Fluoranthene	100	100	0.34 U	0.34 U	0.015 J	0.36 U	0.36 U	0.35 U
Fluorene	30	100	0.34 U	0.34 U	0.36 U	0.36 U	0.36 U	0.35 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	0.036 U	0.036 U	0.036 U	0.035 U
Phenanthrene	100	100	0.34 U	0.34 U	0.015 J	0.36 U	0.36 U	0.35 U
Pyrene	100	100	0.34 U	0.34 U	0.018 J	0.36 U	0.36 U	0.35 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-H6(23-25)-20170414	SSB-H6(28-30)-20170414	SSB-H6(33-35)-20170414	SSB-H6(37-39)-20170414	SSB-I1(3-5)-20170412	SSB-I1(8-10)-20170412
Lab Sample ID	Part 375	Part 375	460-131680-5	460-131680-6	460-131680-7	460-131680-8	460-131520-1	460-131520-2
Date Sampled	Unrestricted	Restricted	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.35 U	0.34 U	0.34 U	0.12 J	0.54
Acenaphthylene	100	100	0.34 U	0.35 U	0.34 U	0.34 U	0.048 J	0.34 J
Anthracene	100	100	0.34 U	0.35 U	0.34 U	0.34 U	0.39	1.7
Benzo(A)Anthracene	1	1	0.034 U	0.035 U	0.034 U	0.034 U	**1.1**	**4.1**
Benzo(A)Pyrene	1	1	0.034 U	0.035 U	0.034 U	0.034 U	**1.1**	**4.1**
Benzo(B)Fluoranthene	1	1	0.034 U	0.035 U	0.034 U	0.034 U	**1.4**	**4.5**
Benzo(G,H,I)Perylene	100	100	0.34 U	0.35 U	0.34 U	0.34 U	1.1 J	3.3 J
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.035 U	0.034 U	0.034 U	0.48	**2.1**
Chrysene	1	3.9	0.34 U	0.35 U	0.34 U	0.34 U	**1.2**	**4.1**
Dibenz(A,H)Anthracene	0.33	0.33	0.034 UJ	0.035 U	0.034 U	0.034 U	0.31 J	**0.94 J**
Fluoranthene	100	100	0.34 U	0.35 U	0.34 U	0.34 U	2.4	9.1
Fluorene	30	100	0.34 U	0.35 U	0.34 U	0.34 U	0.095 J	0.45
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.035 U	0.034 U	0.034 U	**1.1 J**	**3.5 J**
Phenanthrene	100	100	0.34 U	0.35 U	0.34 U	0.34 U	2	8.3
Pyrene	100	100	0.34 U	0.35 U	0.34 U	0.34 U	1.8	6.1

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-X(8-10)-20170412	SSB-I1(13-15)-20170412	SSB-I1(18-20)-20170412	SSB-I1(23-25)-20170412	SSB-I1(28-30)-20170412	SSB-I1(33-35)-20170412
Lab Sample ID	Part 375	Part 375	460-131520-3	460-131520-4	460-131520-5	460-131520-6	460-131520-7	460-131520-8
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.56	0.32 J	0.34 U	0.34 U	0.34 U	0.35 U
Acenaphthylene	100	100	0.35 J	0.04 J	0.34 U	0.34 U	0.34 U	0.35 U
Anthracene	100	100	1.7	1.6	0.34 U	0.34 U	0.34 U	0.35 U
Benzo(A)Anthracene	1	1	**4.2**	**2.7**	0.034 U	0.034 U	0.034 U	0.035 U
Benzo(A)Pyrene	1	1	**4.2**	**2.7**	0.034 U	0.034 U	0.034 U	0.035 U
Benzo(B)Fluoranthene	1	1	**4.9**	**3.2**	0.034 U	0.034 U	0.034 U	0.035 U
Benzo(G,H,I)Perylene	100	100	3.3 J	2.5 J	0.34 U	0.34 U	0.34 U	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	**1.8**	**1.4**	0.034 U	0.034 U	0.034 U	0.035 U
Chrysene	1	3.9	**4.3**	**2.8**	0.34 U	0.34 U	0.34 U	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	**1 J**	**0.51 J**	0.034 U	0.034 U	0.034 U	0.035 U
Fluoranthene	100	100	9.2	6.5	0.34 U	0.34 U	0.34 U	0.35 U
Fluorene	30	100	0.54	0.3 J	0.34 U	0.34 U	0.34 U	0.35 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**3.6 J**	**2.4 J**	0.034 U	0.034 U	0.034 U	0.035 U
Phenanthrene	100	100	7.7	4.9	0.34 U	0.34 U	0.34 U	0.35 U
Pyrene	100	100	6	6	0.34 U	0.34 U	0.34 U	0.35 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-I2(3-5)-20170412	SSB-I2(8-10)-20170412	SSB-I2(13-15)-20170412	SSB-I2(18-20)-20170412	SSB-I2(23-25)-20170412	SSB-I2(28-30)-20170412
Lab Sample ID	Part 375	Part 375	460-131520-9	460-131520-10	460-131520-11	460-131520-12	460-131520-13	460-131520-14
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.23 J	0.36 J	0.35 U	0.35 U	0.34 U	0.34 U
Acenaphthylene	100	100	0.059 J	0.084 J	0.35 U	0.35 U	0.34 U	0.34 U
Anthracene	100	100	0.71	0.81	0.35 U	0.35 U	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	**2**	**1.7**	0.035 U	0.035 U	0.034 U	0.034 U
Benzo(A)Pyrene	1	1	**2.1**	**1.6**	0.035 U	0.035 U	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	**2.6**	**2.1 JL**	0.035 U	0.035 U	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	1.7 J	1.3	0.35 U	0.35 U	0.34 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	**1**	**0.81**	0.035 U	0.035 U	0.034 U	0.034 U
Chrysene	1	3.9	**2.2**	**1.6 JL**	0.35 U	0.35 U	0.34 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	**0.48 J**	0.3 JL	0.035 U	0.035 U	0.034 U	0.034 U
Fluoranthene	100	100	5	4.7 JL	0.35 U	0.35 U	0.34 U	0.34 U
Fluorene	30	100	0.16 J	0.16 J	0.35 U	0.35 U	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**1.8 J**	**1.5 JH**	0.035 U	0.035 U	0.034 U	0.034 U
Phenanthrene	100	100	3.8	4.5 JL	0.35 U	0.35 U	0.34 U	0.34 U
Pyrene	100	100	3.3	3.7 JL	0.35 U	0.35 U	0.34 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-I2(33-35)-20170412	SSB-I3(2-4)-20170412	SSB-I3(8-10)-20170412	SSB-I3(13-15)-20170412	SSB-I3(18-20)-20170412	SSB-I3(23-25)-20170412
Lab Sample ID	Part 375	Part 375	460-131520-15	460-131520-16	460-131520-17	460-131520-18	460-131520-19	460-131520-20
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.039 J	0.36 U	0.35 U	0.35 U	0.45
Acenaphthylene	100	100	0.34 U	0.38 U	0.36 U	0.35 U	0.35 U	0.34 U
Anthracene	100	100	0.34 U	0.19 J	0.36 U	0.35 U	0.35 U	0.69
Benzo(A)Anthracene	1	1	0.034 U	0.77	0.036 U	0.05	0.035 U	0.69
Benzo(A)Pyrene	1	1	0.034 U	0.79	0.036 U	0.035 U	0.035 U	0.36
Benzo(B)Fluoranthene	1	1	0.034 U	1	0.036 U	0.035 U	0.035 U	0.53
Benzo(G,H,I)Perylene	100	100	0.34 U	0.5	0.36 U	0.35 U	0.35 U	0.19 J
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.47	0.036 U	0.035 U	0.035 U	0.21
Chrysene	1	3.9	0.34 U	0.82	0.36 U	0.053 J	0.35 U	0.55
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.16	0.036 U	0.035 U	0.035 U	0.034 U
Fluoranthene	100	100	0.34 U	1.7	0.044 J	0.11 J	0.35 U	2.7
Fluorene	30	100	0.34 U	0.043 J	0.36 U	0.35 U	0.35 U	0.54
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	**0.54**	0.036 U	0.035 U	0.035 U	0.24
Phenanthrene	100	100	0.34 U	0.74	0.025 J	0.085 J	0.35 U	3
Pyrene	100	100	0.34 U	1.3	0.036 J	0.1 J	0.35 U	1.9

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-I3(28-30)-20170412	SSB-I3(33-35)-20170412	SSB-I4(3-5)-20170412	SSB-I4(8-10)-20170412	SSB-I4(13-15)-20170412	SSB-I4(15-17)-20170412
Lab Sample ID	Part 375	Part 375	460-131520-21	460-131520-22	460-131520-23	460-131520-24	460-131520-25	460-131520-26
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.35 U	0.12 J	0.36 U	0.34 U	0.11 J
Acenaphthylene	100	100	0.34 U	0.35 U	0.38 U	0.36 U	0.34 U	0.082 J
Anthracene	100	100	0.34 U	0.35 U	0.32 J	0.36 U	0.34 U	0.46
Benzo(A)Anthracene	1	1	0.034 U	0.035 U	0.99	0.036 U	0.034 U	**1.3**
Benzo(A)Pyrene	1	1	0.034 U	0.035 U	**1.1**	0.036 U	0.034 U	**1.2**
Benzo(B)Fluoranthene	1	1	0.034 U	0.035 U	**1.4**	0.036 U	0.034 U	**1.4**
Benzo(G,H,I)Perylene	100	100	0.34 U	0.35 U	0.77	0.36 U	0.34 U	1.1
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.035 U	0.48	0.036 U	0.034 U	0.63
Chrysene	1	3.9	0.34 U	0.35 U	1	0.36 U	0.34 U	**1.2**
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.035 U	0.21	0.036 U	0.034 U	0.3
Fluoranthene	100	100	0.34 U	0.35 U	2.2	0.36 U	0.34 U	2.8
Fluorene	30	100	0.34 U	0.35 U	0.095 J	0.36 U	0.34 U	0.14 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.035 U	**0.79**	0.036 U	0.034 U	**1.1**
Phenanthrene	100	100	0.34 U	0.35 U	1.5	0.36 U	0.34 U	2
Pyrene	100	100	0.34 U	0.35 U	1.9	0.36 U	0.34 U	2.2

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-I5(3-5)-20170412	SSB-I5(8-10)-20170412	SSB-XX(8-10)-20170412	SSB-I5(13-15)-20170412	SSB-I5(18-20)-20170412	SSB-I5(23-25)-20170412
Lab Sample ID	Part 375	Part 375	460-131520-27	460-131520-28	460-131520-29	460-131520-30	460-131520-31	460-131520-32
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential SCO	1	25	25	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.11 J	9.3	10	0.34 U	0.34 U	0.35 U
Acenaphthylene	100	100	0.4 U	5.1 J	9.2	0.34 U	0.34 U	0.35 U
Anthracene	100	100	0.31 J	35	40	0.34 U	0.34 U	0.35 U
Benzo(A)Anthracene	1	1	0.77	**52**	**53**	0.034 U	0.034 U	0.035 U
Benzo(A)Pyrene	1	1	0.68	**50**	**50**	0.034 U	0.034 U	0.035 U
Benzo(B)Fluoranthene	1	1	0.81	**62**	**53**	0.034 U	0.034 U	0.035 U
Benzo(G,H,I)Perylene	100	100	0.63	32	33	0.34 U	0.34 U	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	0.35	**23**	**21**	0.034 U	0.034 U	0.035 U
Chrysene	1	3.9	0.81	**50**	**53**	0.34 U	0.34 U	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	0.17	**8.6**	**9.9**	0.034 U	0.034 U	0.035 U
Fluoranthene	100	100	1.7	**140**	**170**	0.039 J	0.34 U	0.35 U
Fluorene	30	100	0.06 J	12	16	0.34 U	0.34 U	0.35 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**0.62**	**33**	**38**	0.034 U	0.034 U	0.035 U
Phenanthrene	100	100	1.8	**210**	**210**	0.053 J	0.34 U	0.35 U
Pyrene	100	100	1.3	**130**	84	0.34 U	0.34 U	0.35 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-I5(28-30)-20170412	SSB-I5(33-35)-20170412	SSB-I6(3-5)-20170413	SSB-I6(7-9)-20170413	SSB-I6(13-15)-20170413	SSB-I6(18-20)-20170413
Lab Sample ID	Part 375	Part 375	460-131520-33	460-131520-34	460-131670-1	460-131670-2	460-131670-3	460-131670-4
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.34 U	0.38 J	0.44	0.34 U	0.34 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.041 J	0.041 J	0.34 U	0.34 U
Anthracene	100	100	0.34 U	0.34 U	0.9	0.87	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	0.034 U	0.034 U	**2.5**	**2.2 JL**	0.034 U	0.034 U
Benzo(A)Pyrene	1	1	0.034 U	0.034 U	**2.8**	**2.3**	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.034 U	**3.3**	**2.7 JL**	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 U	2.7	2.2	0.34 U	0.34 UJ
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.034 U	**1.2**	**1.1 JL**	0.034 U	0.034 U
Chrysene	1	3.9	0.34 U	0.34 U	**2.6**	**2.3 JL**	0.34 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.034 U	**0.69**	**0.55**	0.034 U	0.034 UJ
Fluoranthene	100	100	0.34 U	0.34 U	5.8	5 JL	0.34 U	0.34 U
Fluorene	30	100	0.34 U	0.34 U	0.26 J	0.28 JL	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.034 U	**2.6**	**2.1**	0.034 U	0.034 UJ
Phenanthrene	100	100	0.34 U	0.34 U	4	4.2	0.34 U	0.34 U
Pyrene	100	100	0.34 U	0.34 U	4	4 JL	0.34 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-I6(23-25)-20170413	SSB-I6(28-30)-20170413	SSB-I6(33-35)-20170413	SSB-I6(38-40)-20170413	SSB-J1(3-5)-20170410	SSB-J1(8-10)-20170410
Lab Sample ID	Part 375	Part 375	460-131670-5	460-131670-6	460-131670-7	460-131670-8	460-131292-1	460-131292-2
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/10/2017	4/10/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.33 U	0.34 U	0.33 U	0.44 JL	0.17 J
Acenaphthylene	100	100	0.34 U	0.33 U	0.34 U	0.33 U	0.045 J	0.069 J
Anthracene	100	100	0.34 U	0.33 U	0.34 U	0.33 U	1 JL	0.55
Benzo(A)Anthracene	1	1	0.034 U	0.033 U	0.034 U	0.033 U	**2.9 JL**	**1.2**
Benzo(A)Pyrene	1	1	0.034 U	0.033 U	0.034 U	0.033 U	**2.9 JL**	**1.1**
Benzo(B)Fluoranthene	1	1	0.034 U	0.033 U	0.034 U	0.033 U	**3.3 JL**	**1.4**
Benzo(G,H,I)Perylene	100	100	0.34 UJ	0.33 UJ	0.34 UJ	0.33 UJ	2.6	0.96
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.033 U	0.034 U	0.033 U	**1.2 JL**	0.49
Chrysene	1	3.9	0.34 U	0.33 U	0.34 U	0.33 U	**2.8 JL**	**1.2**
Dibenz(A,H)Anthracene	0.33	0.33	0.034 UJ	0.033 UJ	0.034 UJ	0.033 UJ	**0.6**	0.29
Fluoranthene	100	100	0.34 U	0.33 U	0.34 U	0.33 U	6 JL	2.7
Fluorene	30	100	0.34 U	0.33 U	0.34 U	0.33 U	0.24 JL	0.12 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 UJ	0.033 UJ	0.034 UJ	0.033 UJ	**2.9**	**1.3**
Phenanthrene	100	100	0.34 U	0.33 U	0.34 U	0.33 U	5.6 JL	3
Pyrene	100	100	0.34 U	0.33 U	0.34 U	0.33 U	5.8 JL	2.7

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J1(11-13)-20170410	SSB-J2(3-5)-20170410	SSB-X(3-5)-20170410	SSB-J2(8-10)-20170410	SSB-J2(12-13)-20170410	SSB-J3(3-5)-20170410
Lab Sample ID	Part 375	Part 375	460-131292-3	460-131292-4	460-131292-5	460-131292-6	460-131292-7	460-131292-8
Date Sampled	Unrestricted	Restricted	4/10/2017	4/10/2017	4/10/2017	4/10/2017	4/10/2017	4/10/2017
Dilution Factor	SCO	Residential SCO	1	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.086 J	0.11 J	0.12 J	0.011 J	0.053 J
Acenaphthylene	100	100	0.34 U	0.081 J	0.052 J	0.2 J	0.34 U	0.027 J
Anthracene	100	100	0.34 U	0.37 J	0.39 U	0.46	0.34 U	0.17 J
Benzo(A)Anthracene	1	1	0.034 U	**1.3**	1	**1.9**	0.054	0.62 JL
Benzo(A)Pyrene	1	1	0.011 J	**1.4**	0.95	**1.5**	0.051	0.53 JL
Benzo(B)Fluoranthene	1	1	0.034 U	**1.7**	**1.2**	**2**	0.058	0.73 JL
Benzo(G,H,I)Perylene	100	100	0.34 U	1.4	0.93	1.3	0.045 J	0.4 JL
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.68	0.45	0.69	0.025 J	0.27 JL
Chrysene	1	3.9	0.0096 J	**1.4**	0.91	**1.6**	0.055 J	0.58 JL
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	**0.42 J**	0.2 J	**0.34**	0.034 U	0.038 U
Fluoranthene	100	100	0.014 J	2.7	3.6	3.2	0.11 J	0.98
Fluorene	30	100	0.34 U	0.059 J	0.063 J	0.094 J	0.0088 J	0.045 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	**1.7**	**1.1**	**1.6**	0.06	**0.54 JL**
Phenanthrene	100	100	0.016 J	2.1	1.8	2	0.16 J	0.94
Pyrene	100	100	0.34 U	2.8	2.5	4.1	0.11 J	1.5

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J3(8-10)-20170410	SSB-J3(13-15)-20170410	SSB-J3(18-20)-20170411	SSB-J3(23-25)-20170411	SSB-J3(28-30)-20170411	SSB-J3(33-35)-20170411
Lab Sample ID	Part 375	Part 375	460-131292-9	460-131292-10	460-131368-1	460-131368-2	460-131368-3	460-131368-4
Date Sampled	Unrestricted	Restricted	4/10/2017	4/10/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential SCO	100	1	1	1	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	11 J	0.34 U	0.34 U	0.37 U	0.34 U	0.34 U
Acenaphthylene	100	100	33 J	0.34 U	0.34 U	0.37 U	0.34 U	0.34 U
Anthracene	100	100	68	0.34 U	0.34 U	0.37 U	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	170	0.034 U	0.034 U	0.037 U	0.034 U	0.034 U
Benzo(A)Pyrene	1	1	130	0.019 J	0.034 U	0.037 U	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	150	0.022 J	0.034 U	0.037 U	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	120	0.34 U	0.34 U	0.37 U	0.34 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	63	0.034 U	0.034 U	0.037 U	0.034 U	0.034 U
Chrysene	1	3.9	160	0.018 J	0.34 U	0.37 U	0.34 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	34	0.034 U	0.034 U	0.037 U	0.034 U	0.034 U
Fluoranthene	100	100	370	0.043 J	0.34 U	0.37 U	0.34 U	0.34 U
Fluorene	30	100	9.2 J	0.34 U	0.34 U	0.37 U	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	130	0.034 U	0.034 U	0.037 U	0.034 U	0.034 U
Phenanthrene	100	100	280	0.083 J	0.34 U	0.37 U	0.34 U	0.34 U
Pyrene	100	100	260	0.043 J	0.34 U	0.37 U	0.34 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J3(36-38)-20170411	SSB-J4(3-5)-20170411	SSB-J4(8-10)-20170411	SSB-J4(13-15)-20170411	SSB-J4(18-20)-20170411	SSB-J4(23-25)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-5	460-131368-6	460-131368-7	460-131368-8	460-131368-9	460-131368-10
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential	1	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	0.34 U	0.02 J	0.27 J	0.26 J	0.34 U	0.35 U
Acenaphthylene	100	100	0.34 U	0.014 J	0.13 J	0.037 J	0.34 U	0.35 U
Anthracene	100	100	0.34 U	0.11 J	1.1	0.55	0.34 U	0.35 U
Benzo(A)Anthracene	1	1	0.034 U	0.45	**3.1**	**1.3**	0.034 U	0.035 U
Benzo(A)Pyrene	1	1	0.034 U	0.44	**2.8**	**1.1**	0.034 U	0.035 U
Benzo(B)Fluoranthene	1	1	0.034 U	0.61	**3.5**	**1.5**	0.034 U	0.035 U
Benzo(G,H,I)Perylene	100	100	0.34 U	0.34 J	2.2	0.81	0.34 U	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.21	**1.4**	0.51	0.034 U	0.035 U
Chrysene	1	3.9	0.34 U	0.49	**2.9**	**1.4**	0.34 U	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.085	**0.74**	0.26	0.034 U	0.035 U
Fluoranthene	100	100	0.34 U	0.85	6.2	3.1	0.34 U	0.35 U
Fluorene	30	100	0.34 U	0.018 J	0.22 J	0.14 J	0.34 U	0.35 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	**0.52**	**2.7**	**1.1**	0.034 U	0.035 U
Phenanthrene	100	100	0.34 U	0.45	6.4	3.9	0.34 U	0.35 U
Pyrene	100	100	0.34 U	0.86	5.9	3.1	0.34 U	0.35 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J4(28-30)-20170411	SSB-J4(33-35)-20170411	SSB-J4(36-38)-20170411	SSB-J5(3-5)-20170411	SSB-J5(8-10)-20170411	SSB-X(8-10)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-11	460-131368-12	460-131368-13	460-131368-14	460-131368-15	460-131368-22
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential SCO	1	1	1	2	1	1
Analyte	mg/kg	mg/kg						
Acenaphthene	20	100	0.34 U	0.33 U	0.34 U	0.63 J	0.055 JL	0.23 J
Acenaphthylene	100	100	0.34 U	0.33 U	0.34 U	0.18 J	0.03 JL	0.34 J
Anthracene	100	100	0.34 U	0.33 U	0.34 U	1.3	0.2 JL	0.75 J
Benzo(A)Anthracene	1	1	0.034 U	0.033 U	0.034 U	**4**	0.78 JL	**2.7 J**
Benzo(A)Pyrene	1	1	0.034 U	0.033 U	0.034 U	**3.9**	0.8 JL	**2.1 J**
Benzo(B)Fluoranthene	1	1	0.034 U	0.033 U	0.034 U	**4.7**	1 JL	**2.8 J**
Benzo(G,H,I)Perylene	100	100	0.34 U	0.33 U	0.34 U	3.1	0.7 JL	1.7 J
Benzo(K)Fluoranthene	0.8	3.9	0.034 U	0.033 U	0.034 U	**1.7**	0.41 JL	**0.96 J**
Chrysene	1	3.9	0.34 U	0.33 U	0.34 U	**4.2**	0.87 JL	**2.5 J**
Dibenz(A,H)Anthracene	0.33	0.33	0.034 U	0.033 U	0.034 U	**0.92**	0.22 JL	**0.46 J**
Fluoranthene	100	100	0.34 U	0.33 U	0.34 U	8.4	1.5 JL	4.9 J
Fluorene	30	100	0.34 U	0.33 U	0.34 U	0.44 J	0.053 JL	0.18 J
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.034 U	0.033 U	0.034 U	**3.3**	**0.99 JL**	**2 J**
Phenanthrene	100	100	0.34 U	0.33 U	0.34 U	5.8	1.1 JL	3.5 J
Pyrene	100	100	0.34 U	0.33 U	0.34 U	6	1.5 JL	4.9 J

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J5(13-15)-20170411	SSB-J5(18-20)-20170411	SSB-J5(23-25)-20170411	SSB-J5(28-30)-20170411	SSB-J5(33-35)-20170411	SSB-J5(36-38)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-16	460-131368-17	460-131368-18	460-131368-19	460-131368-20	460-131368-21
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential	5	1	1	1	1	1
Analyte	mg/kg	SCO mg/kg						
Acenaphthene	20	100	1.2 J	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Acenaphthylene	100	100	2.5	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Anthracene	100	100	6.9	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	**12**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Benzo(A)Pyrene	1	1	**11**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	**14**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	7.9	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	**4.8**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Chrysene	1	3.9	**10**	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	**2.2**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Fluoranthene	100	100	29	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Fluorene	30	100	2.2	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**9.8**	0.035 U	0.034 U	0.034 U	0.034 U	0.034 U
Phenanthrene	100	100	32	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U
Pyrene	100	100	24	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U

Table 3
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J6(2-4)-20170411	SSB-J6(8-10)-20170411	SSB-J6(13-15)-20170411	SSB-J6(18-20)-20170411	SSB-J6(23-25)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-23	460-131368-24	460-131368-25	460-131368-26	460-131368-27
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential SCO	1	5	1	1	1
Analyte	mg/kg	mg/kg					
Acenaphthene	20	100	0.36 J	4	0.35 U	0.34 U	0.34 U
Acenaphthylene	100	100	0.11 J	0.14 J	0.35 U	0.34 U	0.34 U
Anthracene	100	100	0.81	6.3	0.35 U	0.34 U	0.34 U
Benzo(A)Anthracene	1	1	**2.2**	**13**	0.035 U	0.034 U	0.034 U
Benzo(A)Pyrene	1	1	**1.9**	**13**	0.061	0.034 U	0.034 U
Benzo(B)Fluoranthene	1	1	**2.4**	**16**	0.071	0.034 U	0.034 U
Benzo(G,H,I)Perylene	100	100	1.6	9.9	0.024 J	0.34 U	0.34 U
Benzo(K)Fluoranthene	0.8	3.9	**0.81**	**5.5**	0.023 J	0.034 U	0.034 U
Chrysene	1	3.9	**2.1**	**12**	0.055 J	0.34 U	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	**0.39**	**2.9**	0.035 U	0.034 U	0.034 U
Fluoranthene	100	100	4.1	29	0.12 J	0.34 U	0.34 U
Fluorene	30	100	0.25 J	3.4	0.35 U	0.34 U	0.34 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**1.9**	**12**	0.035 U	0.034 U	0.034 U
Phenanthrene	100	100	3.8	25	0.13 J	0.34 U	0.34 U
Pyrene	100	100	4.4	24	0.14 J	0.34 U	0.34 U

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A1(3-5)-20170425	SSB-A2(3-5)-20170425	SSB-A3(3-5)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-1	460-132231-6	460-132231-12
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.037 U	0.037 U	0.037 U
1,2-Dichlorobenzene	1.1	100	0.37 U	0.37 U	0.37 U
1,3-Dichlorobenzene	2.4	49	0.37 U	0.37 U	0.37 U
1,4-Dichlorobenzene	1.8	13	0.37 U	0.37 U	0.37 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.075 U	0.076 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.075 U	0.076 U
2-Chloronaphthalene	NS	NS	0.37 U	0.37 U	0.37 U
2-Methylnaphthalene	NS	NS	0.028 J	0.37 U	0.025 J
2-Nitroaniline	NS	NS	0.37 U	0.37 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.37 U	0.37 U	0.37 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.37 U
4-Chloroaniline	NS	NS	0.37 U	0.37 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.37 U
4-Nitroaniline	NS	NS	0.37 U	0.37 U	0.37 U
Acenaphthene	20	100	0.023 J	0.37 U	0.026 J
Acenaphthylene	100	100	0.033 J	0.37 U	0.05 J
Anthracene	100	100	0.079 J	0.37 U	0.11 J
Benzo(A)Anthracene	1	1	0.26	0.05	0.6
Benzo(A)Pyrene	1	1	0.31	0.047	0.59
Benzo(B)Fluoranthene	1	1	0.38	0.063	0.8
Benzo(G,H,I)Perylene	100	100	0.28 J	0.029 J	0.4
Benzo(K)Fluoranthene	0.8	3.9	0.13	0.023 J	0.31
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.37 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.037 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.37 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	0.37 U	0.023 J
Carbazole	NS	NS	0.035 J	0.37 U	0.039 J
Chrysene	1	3.9	0.27 J	0.045 J	0.62
Dibenz(A,H)Anthracene	0.33	0.33	0.068	0.037 U	0.099
Dibenzofuran	7	59	0.039 J	0.37 U	0.029 J
Diethyl Phthalate	NS	NS	0.37 U	0.37 U	0.37 U
Dimethyl Phthalate	NS	NS	0.37 U	0.37 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.37 U	0.37 U
Fluoranthene	100	100	0.47	0.091 J	1.1
Fluorene	30	100	0.023 J	0.37 U	0.014 J
Hexachlorobenzene	0.33	1.2	0.037 U	0.037 U	0.037 U
Hexachlorobutadiene	NS	NS	0.074 U	0.075 U	0.076 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.37 U	0.37 U
Hexachloroethane	NS	NS	0.037 U	0.037 U	0.037 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.27	0.032 J	0.4
Isophorone	NS	NS	0.024 J	0.013 J	0.12 J
Naphthalene	12	100	0.085 J	0.37 U	0.047 J
Nitrobenzene	NS	NS	0.037 U	0.037 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.037 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.37 U	0.37 U
Phenanthrene	100	100	0.34 J	0.048 J	0.54
Pyrene	100	100	0.43	0.078 J	1.1

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A4(3-5)-20170425	SSB-A5(3-5)-20170425	SSB-XX(3-5)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-16	460-132231-21	460-132231-27
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential	5	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.19 U	0.035 U	0.037 U
1,2-Dichlorobenzene	1.1	100	1.9 U	0.35 U	0.37 U
1,3-Dichlorobenzene	2.4	49	1.9 U	0.35 U	0.37 U
1,4-Dichlorobenzene	1.8	13	1.9 U	0.35 U	0.37 U
2,4-Dinitrotoluene	NS	NS	0.38 U	0.072 U	0.075 U
2,6-Dinitrotoluene	NS	NS	0.38 U	0.072 U	0.075 U
2-Chloronaphthalene	NS	NS	1.9 U	0.35 U	0.37 U
2-Methylnaphthalene	NS	NS	0.15 J	0.35 U	0.37 U
2-Nitroaniline	NS	NS	1.9 U	0.35 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.75 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	1.9 U	0.35 U	0.37 U
4-Bromophenyl Phenyl Ether	NS	NS	1.9 U	0.35 U	0.37 U
4-Chloroaniline	NS	NS	1.9 U	0.35 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	1.9 U	0.35 U	0.37 U
4-Nitroaniline	NS	NS	1.9 U	0.35 U	0.37 U
Acenaphthene	20	100	1.2 J	0.35 U	0.0099 J
Acenaphthylene	100	100	0.7 J	0.35 U	0.37 U
Anthracene	100	100	3.6	0.35 U	0.37 U
Benzo(A)Anthracene	1	1	**13**	0.035 U	0.11
Benzo(A)Pyrene	1	1	**9.7**	0.035 U	0.11
Benzo(B)Fluoranthene	1	1	**11**	0.035 U	0.15
Benzo(G,H,I)Perylene	100	100	6	0.35 U	0.083 J
Benzo(K)Fluoranthene	0.8	3.9	**3.9**	0.035 U	0.053
Benzyl Butyl Phthalate	NS	NS	1.9 U	0.35 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	1.9 U	0.35 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.19 U	0.035 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	1.9 U	0.35 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	1.9 U	0.35 U	0.37 U
Carbazole	NS	NS	0.49 J	0.35 U	0.015 J
Chrysene	1	3.9	**14**	0.35 U	0.095 J
Dibenz(A,H)Anthracene	0.33	0.33	**2**	0.035 U	0.037 U
Dibenzofuran	7	59	0.5 J	0.35 U	0.37 U
Diethyl Phthalate	NS	NS	1.9 U	0.35 U	0.37 U
Dimethyl Phthalate	NS	NS	1.9 U	0.35 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	1.9 U	0.35 U	0.37 U
Di-N-Octylphthalate	NS	NS	1.9 U	0.35 UJ	0.37 U
Fluoranthene	100	100	19	0.35 U	0.22 J
Fluorene	30	100	0.82 J	0.35 U	0.0093 J
Hexachlorobenzene	0.33	1.2	0.19 U	0.035 U	0.037 U
Hexachlorobutadiene	NS	NS	0.38 U	0.072 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	1.9 U	0.35 UJ	0.37 UJ
Hexachloroethane	NS	NS	0.19 U	0.035 U	0.037 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**5.5**	0.035 U	0.081
Isophorone	NS	NS	0.73 J	0.047 J	0.057 J
Naphthalene	12	100	0.21 J	0.35 U	0.37 U
Nitrobenzene	NS	NS	0.19 U	0.035 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.19 U	0.035 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	1.9 U	0.35 U	0.37 U
Phenanthrene	100	100	13	0.35 U	0.13 J
Pyrene	100	100	24	0.35 U	0.19 J

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A6(3-5)-20170425	SSB-B1(3-5)-20170424	SSB-B2(3-5)-20170424
Lab Sample ID	Part 375	Part 375	460-132231-26	460-132206-1	460-132206-6
Date Sampled	Unrestricted	Restricted	4/25/2017	4/24/2017	4/24/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.037 U	0.034 U	NA
1,2-Dichlorobenzene	1.1	100	0.37 U	0.34 U	NA
1,3-Dichlorobenzene	2.4	49	0.37 U	0.34 U	NA
1,4-Dichlorobenzene	1.8	13	0.37 U	0.34 U	NA
2,4-Dinitrotoluene	NS	NS	0.074 U	0.069 U	NA
2,6-Dinitrotoluene	NS	NS	0.074 U	0.069 U	NA
2-Chloronaphthalene	NS	NS	0.37 U	0.34 U	NA
2-Methylnaphthalene	NS	NS	0.37 U	0.34 U	NA
2-Nitroaniline	NS	NS	0.37 U	0.34 U	NA
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	NA
3-Nitroaniline	NS	NS	0.37 U	0.34 U	NA
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.34 U	NA
4-Chloroaniline	NS	NS	0.37 U	0.34 U	NA
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.34 U	NA
4-Nitroaniline	NS	NS	0.37 U	0.34 U	NA
Acenaphthene	20	100	0.014 J	0.34 U	0.026 J
Acenaphthylene	100	100	0.37 U	0.34 U	0.37 U
Anthracene	100	100	0.039 J	0.34 U	0.087 J
Benzo(A)Anthracene	1	1	0.16	0.052	0.29
Benzo(A)Pyrene	1	1	0.16	0.034 U	0.31
Benzo(B)Fluoranthene	1	1	0.23	0.034 U	0.43
Benzo(G,H,I)Perylene	100	100	0.13 J	0.34 U	0.23 J
Benzo(K)Fluoranthene	0.8	3.9	0.074	0.034 U	0.15
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.34 U	NA
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.34 U	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.034 U	NA
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.34 U	NA
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	0.34 U	NA
Carbazole	NS	NS	0.018 J	0.34 U	NA
Chrysene	1	3.9	0.15 J	0.051 J	0.31 J
Dibenz(A,H)Anthracene	0.33	0.33	0.037 U	0.034 U	0.037 U
Dibenzofuran	7	59	0.37 U	0.34 U	NA
Diethyl Phthalate	NS	NS	0.37 U	0.34 U	NA
Dimethyl Phthalate	NS	NS	0.37 U	0.34 U	NA
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.34 U	NA
Di-N-Octylphthalate	NS	NS	0.37 U	0.34 U	NA
Fluoranthene	100	100	0.32 J	0.075 J	0.59
Fluorene	30	100	0.012 J	0.34 U	0.37 U
Hexachlorobenzene	0.33	1.2	0.037 U	0.034 U	NA
Hexachlorobutadiene	NS	NS	0.074 U	0.069 U	NA
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.34 U	NA
Hexachloroethane	NS	NS	0.037 U	0.034 U	NA
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.13	0.034 U	0.27
Isophorone	NS	NS	0.032 J	0.14 U	NA
Naphthalene	12	100	0.37 U	0.34 U	0.022 J
Nitrobenzene	NS	NS	0.037 U	0.034 U	NA
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.034 U	NA
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.34 U	NA
Phenanthrene	100	100	0.15 J	0.035 J	0.39
Pyrene	100	100	0.28 J	0.076 J	0.5

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-B3(3-5)-20170424	SSB-B4(3-5)-20170424	SSB-B5(3-5)-20170424
Lab Sample ID	Part 375	Part 375	460-132206-12	460-132206-15	460-132206-20
Date Sampled	Unrestricted	Restricted	4/24/2017	4/24/2017	4/24/2017
Dilution Factor	SCO	Residential	5	1	1
Analyte	mg/kg	SCO mg/kg			
1,2,4-Trichlorobenzene	NS	NS	NA	NA	NA
1,2-Dichlorobenzene	1.1	100	NA	NA	NA
1,3-Dichlorobenzene	2.4	49	NA	NA	NA
1,4-Dichlorobenzene	1.8	13	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	NA	NA	NA
2,6-Dinitrotoluene	NS	NS	NA	NA	NA
2-Chloronaphthalene	NS	NS	NA	NA	NA
2-Methylnaphthalene	NS	NS	NA	NA	NA
2-Nitroaniline	NS	NS	NA	NA	NA
3,3'-Dichlorobenzidine	NS	NS	NA	NA	NA
3-Nitroaniline	NS	NS	NA	NA	NA
4-Bromophenyl Phenyl Ether	NS	NS	NA	NA	NA
4-Chloroaniline	NS	NS	NA	NA	NA
4-Chlorophenyl Phenyl Ether	NS	NS	NA	NA	NA
4-Nitroaniline	NS	NS	NA	NA	NA
Acenaphthene	20	100	1.9 U	0.36 U	0.35 U
Acenaphthylene	100	100	0.095 J	0.36 U	0.35 U
Anthracene	100	100	1.4 J	0.36 U	0.35 U
Benzo(A)Anthracene	1	1	**6.4**	0.09	0.035 U
Benzo(A)Pyrene	1	1	**4.6**	0.076	0.035 U
Benzo(B)Fluoranthene	1	1	**8.5**	0.1	0.035 U
Benzo(G,H,I)Perylene	100	100	3.3	0.044 J	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	**2.7**	0.045	0.035 U
Benzyl Butyl Phthalate	NS	NS	NA	NA	NA
Bis(2-Chloroethoxy) Methane	NS	NS	NA	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NA	NA	NA
Bis(2-Chloroisopropyl) Ether	NS	NS	NA	NA	NA
Bis(2-Ethylhexyl) Phthalate	NS	NS	NA	NA	NA
Carbazole	NS	NS	NA	NA	NA
Chrysene	1	3.9	**6.5**	0.078 J	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	**0.76**	0.036 UJ	0.035 UJ
Dibenzofuran	7	59	NA	NA	NA
Diethyl Phthalate	NS	NS	NA	NA	NA
Dimethyl Phthalate	NS	NS	NA	NA	NA
Di-N-Butyl Phthalate	NS	NS	NA	NA	NA
Di-N-Octylphthalate	NS	NS	NA	NA	NA
Fluoranthene	100	100	17	0.14 J	0.35 U
Fluorene	30	100	1.9 U	0.36 U	0.35 U
Hexachlorobenzene	0.33	1.2	NA	NA	NA
Hexachlorobutadiene	NS	NS	NA	NA	NA
Hexachlorocyclopentadiene	NS	NS	NA	NA	NA
Hexachloroethane	NS	NS	NA	NA	NA
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**4.1**	0.051 J	0.035 UJ
Isophorone	NS	NS	NA	NA	NA
Naphthalene	12	100	0.09 J	0.36 U	0.35 U
Nitrobenzene	NS	NS	NA	NA	NA
N-Nitrosodi-N-Propylamine	NS	NS	NA	NA	NA
N-Nitrosodiphenylamine	NS	NS	NA	NA	NA
Phenanthrene	100	100	12	0.041 J	0.35 U
Pyrene	100	100	14	0.12 J	0.35 U

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-XX(3-5)-20170424	SSB-B6(3-5)-20170424	SSB-C1(3-5)-20170421
Lab Sample ID	Part 375	Part 375	460-132206-21	460-132206-26	460-132063-1
Date Sampled	Unrestricted	Restricted	4/24/2017	4/24/2017	4/21/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	NA	0.037 U	0.036 U
1,2-Dichlorobenzene	1.1	100	NA	0.37 U	0.36 U
1,3-Dichlorobenzene	2.4	49	NA	0.37 U	0.36 U
1,4-Dichlorobenzene	1.8	13	NA	0.37 U	0.36 U
2,4-Dinitrotoluene	NS	NS	NA	0.076 U	0.074 U
2,6-Dinitrotoluene	NS	NS	NA	0.076 U	0.074 U
2-Chloronaphthalene	NS	NS	NA	0.37 U	0.36 U
2-Methylnaphthalene	NS	NS	NA	0.37 U	0.05 J
2-Nitroaniline	NS	NS	NA	0.37 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	NA	0.15 U	0.15 U
3-Nitroaniline	NS	NS	NA	0.37 U	0.36 U
4-Bromophenyl Phenyl Ether	NS	NS	NA	0.37 U	0.36 U
4-Chloroaniline	NS	NS	NA	0.37 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	NA	0.37 U	0.36 U
4-Nitroaniline	NS	NS	NA	0.37 U	0.36 U
Acenaphthene	20	100	0.35 U	0.37 U	0.035 J
Acenaphthylene	100	100	0.35 U	0.37 U	0.036 J
Anthracene	100	100	0.35 U	0.37 U	0.085 J
Benzo(A)Anthracene	1	1	0.035 U	0.037 U	0.26
Benzo(A)Pyrene	1	1	0.035 U	0.067	0.26
Benzo(B)Fluoranthene	1	1	0.035 U	0.096	0.37
Benzo(G,H,I)Perylene	100	100	0.35 U	0.057 J	0.24 J
Benzo(K)Fluoranthene	0.8	3.9	0.035 U	0.037 U	0.15
Benzyl Butyl Phthalate	NS	NS	NA	0.37 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	NA	0.37 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NA	0.037 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NA	0.37 UJ	0.36 UJ
Bis(2-Ethylhexyl) Phthalate	NS	NS	NA	0.37 UJ	0.36 U
Carbazole	NS	NS	NA	0.37 U	0.044 J
Chrysene	1	3.9	0.35 U	0.37 U	0.31 J
Dibenz(A,H)Anthracene	0.33	0.33	0.035 UJ	0.037 UJ	0.052
Dibenzofuran	7	59	NA	0.37 U	0.044 J
Diethyl Phthalate	NS	NS	NA	0.37 U	0.36 U
Dimethyl Phthalate	NS	NS	NA	0.37 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	NA	0.37 U	0.029 J
Di-N-Octylphthalate	NS	NS	NA	0.37 U	0.36 U
Fluoranthene	100	100	0.35 U	0.3 J	0.53
Fluorene	30	100	0.35 U	0.37 U	0.037 J
Hexachlorobenzene	0.33	1.2	NA	0.037 U	0.036 U
Hexachlorobutadiene	NS	NS	NA	0.076 U	0.074 U
Hexachlorocyclopentadiene	NS	NS	NA	0.37 U	0.36 U
Hexachloroethane	NS	NS	NA	0.037 U	0.036 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.035 UJ	0.04 J	0.21
Isophorone	NS	NS	NA	0.15 U	0.29
Naphthalene	12	100	0.35 U	0.37 U	0.12 J
Nitrobenzene	NS	NS	NA	0.037 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	NA	0.037 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	NA	0.37 U	0.36 U
Phenanthrene	100	100	0.35 U	1.9	0.4
Pyrene	100	100	0.35 U	0.83	0.55

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C2(2-4)-20170421	SSB-X(2-4)-20170421	SSB-C3(3-5)-20170421
Lab Sample ID	Part 375	Part 375	460-132063-6	460-132063-7	460-132063-12
Date Sampled	Unrestricted	Restricted	4/21/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	NA	NA	NA
1,2-Dichlorobenzene	1.1	100	NA	NA	NA
1,3-Dichlorobenzene	2.4	49	NA	NA	NA
1,4-Dichlorobenzene	1.8	13	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	NA	NA	NA
2,6-Dinitrotoluene	NS	NS	NA	NA	NA
2-Chloronaphthalene	NS	NS	NA	NA	NA
2-Methylnaphthalene	NS	NS	NA	NA	NA
2-Nitroaniline	NS	NS	NA	NA	NA
3,3'-Dichlorobenzidine	NS	NS	NA	NA	NA
3-Nitroaniline	NS	NS	NA	NA	NA
4-Bromophenyl Phenyl Ether	NS	NS	NA	NA	NA
4-Chloroaniline	NS	NS	NA	NA	NA
4-Chlorophenyl Phenyl Ether	NS	NS	NA	NA	NA
4-Nitroaniline	NS	NS	NA	NA	NA
Acenaphthene	20	100	0.37 U	0.37 U	0.38 U
Acenaphthylene	100	100	0.37 U	0.37 U	0.019 J
Anthracene	100	100	0.37 U	0.37 U	0.085 J
Benzo(A)Anthracene	1	1	0.1	0.1	0.43
Benzo(A)Pyrene	1	1	0.09	0.091	0.26
Benzo(B)Fluoranthene	1	1	0.13	0.13	0.6
Benzo(G,H,I)Perylene	100	100	0.37 U	0.37 U	0.24 J
Benzo(K)Fluoranthene	0.8	3.9	0.056	0.056	0.22
Benzyl Butyl Phthalate	NS	NS	NA	NA	NA
Bis(2-Chloroethoxy) Methane	NS	NS	NA	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NA	NA	NA
Bis(2-Chloroisopropyl) Ether	NS	NS	NA	NA	NA
Bis(2-Ethylhexyl) Phthalate	NS	NS	NA	NA	NA
Carbazole	NS	NS	NA	NA	NA
Chrysene	1	3.9	0.099 J	0.095 J	0.53
Dibenz(A,H)Anthracene	0.33	0.33	0.037 U	0.037 U	0.077
Dibenzofuran	7	59	NA	NA	NA
Diethyl Phthalate	NS	NS	NA	NA	NA
Dimethyl Phthalate	NS	NS	NA	NA	NA
Di-N-Butyl Phthalate	NS	NS	NA	NA	NA
Di-N-Octylphthalate	NS	NS	NA	NA	NA
Fluoranthene	100	100	0.19 J	0.2 J	1
Fluorene	30	100	0.37 U	0.37 U	0.38 U
Hexachlorobenzene	0.33	1.2	NA	NA	NA
Hexachlorobutadiene	NS	NS	NA	NA	NA
Hexachlorocyclopentadiene	NS	NS	NA	NA	NA
Hexachloroethane	NS	NS	NA	NA	NA
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.037 U	0.037 U	0.25
Isophorone	NS	NS	NA	NA	NA
Naphthalene	12	100	0.37 U	0.37 U	0.026 J
Nitrobenzene	NS	NS	NA	NA	NA
N-Nitrosodi-N-Propylamine	NS	NS	NA	NA	NA
N-Nitrosodiphenylamine	NS	NS	NA	NA	NA
Phenanthrene	100	100	0.082 J	0.1 J	0.78
Pyrene	100	100	0.13 J	0.14 J	0.79

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C4(3-5)-20170421	SSB-C5(3-5)-20170421	SSB-XX(3-5)-20170421
Lab Sample ID	Part 375	Part 375	460-132063-17	460-132063-22	460-132063-23
Date Sampled	Unrestricted	Restricted	4/21/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	NA	NA	NA
1,2-Dichlorobenzene	1.1	100	NA	NA	NA
1,3-Dichlorobenzene	2.4	49	NA	NA	NA
1,4-Dichlorobenzene	1.8	13	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	NA	NA	NA
2,6-Dinitrotoluene	NS	NS	NA	NA	NA
2-Chloronaphthalene	NS	NS	NA	NA	NA
2-Methylnaphthalene	NS	NS	NA	NA	NA
2-Nitroaniline	NS	NS	NA	NA	NA
3,3'-Dichlorobenzidine	NS	NS	NA	NA	NA
3-Nitroaniline	NS	NS	NA	NA	NA
4-Bromophenyl Phenyl Ether	NS	NS	NA	NA	NA
4-Chloroaniline	NS	NS	NA	NA	NA
4-Chlorophenyl Phenyl Ether	NS	NS	NA	NA	NA
4-Nitroaniline	NS	NS	NA	NA	NA
Acenaphthene	20	100	0.095 J	0.39 U	0.37 U
Acenaphthylene	100	100	0.35 U	0.39 U	0.37 U
Anthracene	100	100	0.28 J	0.39 U	0.37 U
Benzo(A)Anthracene	1	1	0.52	0.039 U	0.037 U
Benzo(A)Pyrene	1	1	0.45	0.039 U	0.037 U
Benzo(B)Fluoranthene	1	1	0.59	0.039 U	0.037 U
Benzo(G,H,I)Perylene	100	100	0.31 J	0.39 U	0.37 U
Benzo(K)Fluoranthene	0.8	3.9	0.23	0.039 U	0.037 U
Benzyl Butyl Phthalate	NS	NS	NA	NA	NA
Bis(2-Chloroethoxy) Methane	NS	NS	NA	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NA	NA	NA
Bis(2-Chloroisopropyl) Ether	NS	NS	NA	NA	NA
Bis(2-Ethylhexyl) Phthalate	NS	NS	NA	NA	NA
Carbazole	NS	NS	NA	NA	NA
Chrysene	1	3.9	0.5	0.39 U	0.37 U
Dibenz(A,H)Anthracene	0.33	0.33	0.078	0.039 U	0.037 U
Dibenzofuran	7	59	NA	NA	NA
Diethyl Phthalate	NS	NS	NA	NA	NA
Dimethyl Phthalate	NS	NS	NA	NA	NA
Di-N-Butyl Phthalate	NS	NS	NA	NA	NA
Di-N-Octylphthalate	NS	NS	NA	NA	NA
Fluoranthene	100	100	1.4	0.39 U	0.37 U
Fluorene	30	100	0.078 J	0.39 U	0.37 U
Hexachlorobenzene	0.33	1.2	NA	NA	NA
Hexachlorobutadiene	NS	NS	NA	NA	NA
Hexachlorocyclopentadiene	NS	NS	NA	NA	NA
Hexachloroethane	NS	NS	NA	NA	NA
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.3	0.039 U	0.037 U
Isophorone	NS	NS	NA	NA	NA
Naphthalene	12	100	0.035 J	0.39 U	0.37 U
Nitrobenzene	NS	NS	NA	NA	NA
N-Nitrosodi-N-Propylamine	NS	NS	NA	NA	NA
N-Nitrosodiphenylamine	NS	NS	NA	NA	NA
Phenanthrene	100	100	1.4	0.39 U	0.37 U
Pyrene	100	100	1.1	0.39 U	0.37 U

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C6(3-5)-20170421	SSB-D1(3-5)-20170420	SSB-D2(3-5)-20170420
Lab Sample ID	Part 375	Part 375	460-132063-29	460-131963-1	460-131963-6
Date Sampled	Unrestricted	Restricted	4/21/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential	1	1	1
Analyte	mg/kg	SCO mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.037 U	NA	0.038 U
1,2-Dichlorobenzene	1.1	100	0.37 U	NA	0.38 U
1,3-Dichlorobenzene	2.4	49	0.37 U	NA	0.38 U
1,4-Dichlorobenzene	1.8	13	0.37 U	NA	0.38 U
2,4-Dinitrotoluene	NS	NS	0.075 U	NA	0.076 U
2,6-Dinitrotoluene	NS	NS	0.075 U	NA	0.076 U
2-Chloronaphthalene	NS	NS	0.37 U	NA	0.38 U
2-Methylnaphthalene	NS	NS	0.016 J	NA	0.047 J
2-Nitroaniline	NS	NS	0.37 U	NA	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	NA	0.15 U
3-Nitroaniline	NS	NS	0.37 U	NA	0.38 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	NA	0.38 U
4-Chloroaniline	NS	NS	0.37 U	NA	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	NA	0.38 U
4-Nitroaniline	NS	NS	0.37 U	NA	0.38 U
Acenaphthene	20	100	0.067 J	0.017 J	0.017 J
Acenaphthylene	100	100	0.021 J	0.019 J	0.024 J
Anthracene	100	100	0.17 J	0.055 J	0.085 J
Benzo(A)Anthracene	1	1	0.62	0.16	0.85
Benzo(A)Pyrene	1	1	0.59	0.19	0.63
Benzo(B)Fluoranthene	1	1	0.79	0.26	**1.5**
Benzo(G,H,I)Perylene	100	100	0.5	0.2 J	0.85 J
Benzo(K)Fluoranthene	0.8	3.9	0.32	0.093	0.51
Benzyl Butyl Phthalate	NS	NS	0.37 U	NA	0.38 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	NA	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	NA	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	NA	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 UJ	NA	0.38 U
Carbazole	NS	NS	0.075 J	NA	0.037 J
Chrysene	1	3.9	0.7	0.19 J	**1.2**
Dibenz(A,H)Anthracene	0.33	0.33	0.12 J	0.053	0.24 J
Dibenzofuran	7	59	0.033 J	NA	0.04 J
Diethyl Phthalate	NS	NS	0.37 U	NA	0.38 U
Dimethyl Phthalate	NS	NS	0.37 U	NA	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.014 J	NA	0.38 U
Di-N-Octylphthalate	NS	NS	0.37 UJ	NA	0.38 U
Fluoranthene	100	100	1.1	0.31 J	1.5
Fluorene	30	100	0.055 J	0.015 J	0.0091 J
Hexachlorobenzene	0.33	1.2	0.037 U	NA	0.038 U
Hexachlorobutadiene	NS	NS	0.075 U	NA	0.076 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	NA	0.38 U
Hexachloroethane	NS	NS	0.037 U	NA	0.038 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**0.51 J**	0.19	**0.9 J**
Isophorone	NS	NS	0.095 J	NA	0.15 U
Naphthalene	12	100	0.049 J	0.03 J	0.095 J
Nitrobenzene	NS	NS	0.037 U	NA	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	NA	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	NA	0.38 U
Phenanthrene	100	100	0.91	0.23 J	0.6
Pyrene	100	100	1.3	0.3 J	1.4

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D3(3-5)-20170420	SSB-D4(3-5)-20170420	SSB-D5(3-5)-20170420
Lab Sample ID	Part 375	Part 375	460-131963-12	460-131963-17	460-131963-22
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.038 U	NA	NA
1,2-Dichlorobenzene	1.1	100	0.38 U	NA	NA
1,3-Dichlorobenzene	2.4	49	0.38 U	NA	NA
1,4-Dichlorobenzene	1.8	13	0.38 U	NA	NA
2,4-Dinitrotoluene	NS	NS	0.078 U	NA	NA
2,6-Dinitrotoluene	NS	NS	0.078 U	NA	NA
2-Chloronaphthalene	NS	NS	0.38 U	NA	NA
2-Methylnaphthalene	NS	NS	0.38 U	NA	NA
2-Nitroaniline	NS	NS	0.38 U	NA	NA
3,3'-Dichlorobenzidine	NS	NS	0.15 U	NA	NA
3-Nitroaniline	NS	NS	0.38 U	NA	NA
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	NA	NA
4-Chloroaniline	NS	NS	0.38 U	NA	NA
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	NA	NA
4-Nitroaniline	NS	NS	0.38 U	NA	NA
Acenaphthene	20	100	0.38 U	0.024 J	0.062 J
Acenaphthylene	100	100	0.38 U	0.012 J	0.022 J
Anthracene	100	100	0.38 U	0.094 J	0.22 J
Benzo(A)Anthracene	1	1	0.038 U	0.49	0.76
Benzo(A)Pyrene	1	1	0.038 U	0.58	0.88
Benzo(B)Fluoranthene	1	1	0.038 U	0.71	**1.2**
Benzo(G,H,I)Perylene	100	100	0.38 UJ	0.56	0.8
Benzo(K)Fluoranthene	0.8	3.9	0.038 U	0.26	0.38
Benzyl Butyl Phthalate	NS	NS	0.38 U	NA	NA
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	NA	NA
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	NA	NA
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.38 U	NA	NA
Carbazole	NS	NS	0.38 U	NA	NA
Chrysene	1	3.9	0.38 U	0.54	0.84
Dibenz(A,H)Anthracene	0.33	0.33	0.038 UJ	0.14 J	0.19
Dibenzofuran	7	59	0.38 U	NA	NA
Diethyl Phthalate	NS	NS	0.38 U	NA	NA
Dimethyl Phthalate	NS	NS	0.38 U	NA	NA
Di-N-Butyl Phthalate	NS	NS	0.38 U	NA	NA
Di-N-Octylphthalate	NS	NS	0.38 U	NA	NA
Fluoranthene	100	100	0.38 U	0.9	1.5
Fluorene	30	100	0.38 U	0.023 J	0.073 J
Hexachlorobenzene	0.33	1.2	0.038 U	NA	NA
Hexachlorobutadiene	NS	NS	0.078 U	NA	NA
Hexachlorocyclopentadiene	NS	NS	0.38 U	NA	NA
Hexachloroethane	NS	NS	0.038 U	NA	NA
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.038 UJ	**0.63**	**0.78**
Isophorone	NS	NS	0.15 U	NA	NA
Naphthalene	12	100	0.38 U	0.053 J	0.062 J
Nitrobenzene	NS	NS	0.038 U	NA	NA
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	NA	NA
N-Nitrosodiphenylamine	NS	NS	0.38 U	NA	NA
Phenanthrene	100	100	0.38 U	0.44	1
Pyrene	100	100	0.38 U	0.85	1.5

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D6(3-5)-20170420	SSB-E1(3-5)-20170419	SSB-E2(3-5)-20170419
Lab Sample ID	Part 375	Part 375	460-131963-28	460-131962-1	460-131962-7
Date Sampled	Unrestricted	Restricted	4/20/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential SCO	1	1	1
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.037 U	0.035 U	0.036 U
1,2-Dichlorobenzene	1.1	100	0.37 U	0.35 U	0.36 U
1,3-Dichlorobenzene	2.4	49	0.37 U	0.35 U	0.36 U
1,4-Dichlorobenzene	1.8	13	0.37 U	0.35 U	0.36 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.07 U	0.072 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.07 U	0.072 U
2-Chloronaphthalene	NS	NS	0.37 U	0.35 U	0.36 U
2-Methylnaphthalene	NS	NS	0.026 J	0.35 U	0.36 U
2-Nitroaniline	NS	NS	0.37 U	0.35 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.37 U	0.35 U	0.36 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.35 U	0.36 U
4-Chloroaniline	NS	NS	0.37 U	0.35 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.35 U	0.36 U
4-Nitroaniline	NS	NS	0.37 U	0.35 U	0.36 U
Acenaphthene	20	100	0.18 J	0.35 U	0.36 U
Acenaphthylene	100	100	0.046 J	0.35 U	0.36 U
Anthracene	100	100	0.46	0.35 U	0.36 U
Benzo(A)Anthracene	1	1	**1.3**	0.047	0.036 U
Benzo(A)Pyrene	1	1	**1.3**	0.035 U	0.036 U
Benzo(B)Fluoranthene	1	1	**1.7**	0.035 U	0.036 U
Benzo(G,H,I)Perylene	100	100	0.94	0.35 U	0.36 U
Benzo(K)Fluoranthene	0.8	3.9	0.66	0.035 U	0.036 U
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.35 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.35 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.035 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.35 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.072 J	0.35 U	0.36 U
Carbazole	NS	NS	0.25 J	0.35 U	0.36 U
Chrysene	1	3.9	**1.3**	0.036 J	0.36 U
Dibenz(A,H)Anthracene	0.33	0.33	0.24	0.035 U	0.036 U
Dibenzofuran	7	59	0.097 J	0.35 U	0.36 U
Diethyl Phthalate	NS	NS	0.37 U	0.35 U	0.36 U
Dimethyl Phthalate	NS	NS	0.37 U	0.35 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.35 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.35 U	0.36 U
Fluoranthene	100	100	2.9	0.075 J	0.36 U
Fluorene	30	100	0.17 J	0.35 U	0.36 U
Hexachlorobenzene	0.33	1.2	0.037 U	0.035 U	0.036 U
Hexachlorobutadiene	NS	NS	0.074 U	0.07 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.35 U	0.36 U
Hexachloroethane	NS	NS	0.037 U	0.035 U	0.036 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**0.93**	0.035 U	0.036 U
Isophorone	NS	NS	0.15 U	0.14 U	0.14 U
Naphthalene	12	100	0.051 J	0.35 U	0.36 U
Nitrobenzene	NS	NS	0.037 U	0.035 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.035 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.35 U	0.36 U
Phenanthrene	100	100	1.9	0.032 J	0.36 U
Pyrene	100	100	2.2	0.064 J	0.36 U

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-E3(3-5)-20170419	SSB-E4(3-5)-20170419	SSB-E5(3-5)-20170419
Lab Sample ID	Part 375	Part 375	460-131962-14	460-131962-20	460-131962-26
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.035 U	0.036 U	0.037 U
1,2-Dichlorobenzene	1.1	100	0.35 U	0.36 U	0.37 U
1,3-Dichlorobenzene	2.4	49	0.35 U	0.36 U	0.37 U
1,4-Dichlorobenzene	1.8	13	0.35 U	0.36 U	0.37 U
2,4-Dinitrotoluene	NS	NS	0.071 U	0.074 U	0.075 U
2,6-Dinitrotoluene	NS	NS	0.071 U	0.074 U	0.075 U
2-Chloronaphthalene	NS	NS	0.35 U	0.36 U	0.37 U
2-Methylnaphthalene	NS	NS	0.35 U	0.36 U	0.013 J
2-Nitroaniline	NS	NS	0.35 U	0.36 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.35 U	0.36 U	0.37 U
4-Bromophenyl Phenyl Ether	NS	NS	0.35 U	0.36 U	0.37 U
4-Chloroaniline	NS	NS	0.35 U	0.36 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.35 U	0.36 U	0.37 U
4-Nitroaniline	NS	NS	0.35 U	0.36 U	0.37 U
Acenaphthene	20	100	0.35 U	0.36 U	0.047 J
Acenaphthylene	100	100	0.35 U	0.36 U	0.07 J
Anthracene	100	100	0.35 U	0.36 U	0.16 J
Benzo(A)Anthracene	1	1	0.035 U	0.036 U	0.58
Benzo(A)Pyrene	1	1	0.035 U	0.072	0.6
Benzo(B)Fluoranthene	1	1	0.035 U	0.098	0.72
Benzo(G,H,I)Perylene	100	100	0.35 U	0.065 J	0.43
Benzo(K)Fluoranthene	0.8	3.9	0.035 U	0.039	0.26
Benzyl Butyl Phthalate	NS	NS	0.35 U	0.36 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.35 U	0.36 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.035 U	0.036 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.35 U	0.36 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.35 U	0.36 U	0.052 J
Carbazole	NS	NS	0.35 U	0.36 U	0.057 J
Chrysene	1	3.9	0.35 U	0.068 J	0.61
Dibenz(A,H)Anthracene	0.33	0.33	0.035 U	0.036 U	0.11
Dibenzofuran	7	59	0.35 U	0.36 U	0.021 J
Diethyl Phthalate	NS	NS	0.35 U	0.36 U	0.37 U
Dimethyl Phthalate	NS	NS	0.35 U	0.36 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.35 U	0.36 U	0.019 J
Di-N-Octylphthalate	NS	NS	0.35 U	0.36 U	0.37 U
Fluoranthene	100	100	0.35 U	0.13 J	1.2
Fluorene	30	100	0.35 U	0.36 U	0.04 J
Hexachlorobenzene	0.33	1.2	0.035 U	0.036 U	0.037 U
Hexachlorobutadiene	NS	NS	0.071 U	0.074 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	0.35 U	0.36 UJ	0.37 UJ
Hexachloroethane	NS	NS	0.035 U	0.036 U	0.037 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.035 U	0.061	0.44
Isophorone	NS	NS	0.14 U	0.15 U	0.065 J
Naphthalene	12	100	0.35 U	0.36 U	0.019 J
Nitrobenzene	NS	NS	0.035 U	0.036 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.035 U	0.036 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.35 U	0.36 U	0.37 U
Phenanthrene	100	100	0.35 U	0.065 J	0.69
Pyrene	100	100	0.35 U	0.12 J	1

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-E6(3-5)-20170419	SSB-F1(3-5)-20170417	SSB-XX(3-5)-20170417
Lab Sample ID	Part 375	Part 375	460-131962-33	460-131745-23	460-131745-29
Date Sampled	Unrestricted	Restricted	4/19/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.038 U	0.035 U	0.036 U
1,2-Dichlorobenzene	1.1	100	0.38 U	0.35 U	0.36 U
1,3-Dichlorobenzene	2.4	49	0.38 U	0.35 U	0.36 U
1,4-Dichlorobenzene	1.8	13	0.38 U	0.35 U	0.36 U
2,4-Dinitrotoluene	NS	NS	0.077 U	0.072 U	0.073 U
2,6-Dinitrotoluene	NS	NS	0.077 U	0.072 U	0.073 U
2-Chloronaphthalene	NS	NS	0.38 U	0.35 U	0.36 U
2-Methylnaphthalene	NS	NS	0.037 J	0.017 J	0.022 J
2-Nitroaniline	NS	NS	0.38 U	0.35 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.38 U	0.35 U	0.36 U
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.35 U	0.36 U
4-Chloroaniline	NS	NS	0.38 U	0.35 UJ	0.36 UJ
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.35 U	0.36 U
4-Nitroaniline	NS	NS	0.38 U	0.35 U	0.36 UJ
Acenaphthene	20	100	0.08 J	0.13 J	0.16 J
Acenaphthylene	100	100	0.044 J	0.13 J	0.075 J
Anthracene	100	100	0.25 J	0.47	0.42
Benzo(A)Anthracene	1	1	**1.7**	**2.2**	**1.9**
Benzo(A)Pyrene	1	1	**1.8**	**2.2**	**1.9**
Benzo(B)Fluoranthene	1	1	**2.3**	**2.7**	**2.2**
Benzo(G,H,I)Perylene	100	100	1.3	1.7	1.8
Benzo(K)Fluoranthene	0.8	3.9	**0.92**	**0.96**	0.77
Benzyl Butyl Phthalate	NS	NS	0.014 J	0.029 J	0.027 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.35 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.035 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.35 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.057 J	0.056 J	0.085 J
Carbazole	NS	NS	0.17 J	0.16 J	0.17 J
Chrysene	1	3.9	**1.7**	**2**	**1.7**
Dibenz(A,H)Anthracene	0.33	0.33	**0.39**	**0.49 J**	**0.41 J**
Dibenzofuran	7	59	0.067 J	0.048 J	0.059 J
Diethyl Phthalate	NS	NS	0.38 U	0.35 U	0.36 U
Dimethyl Phthalate	NS	NS	0.38 U	0.35 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.016 J	0.022 J	0.36 UJ
Di-N-Octylphthalate	NS	NS	0.38 U	0.35 UJ	0.36 UJ
Fluoranthene	100	100	2.5	3.7	2.9
Fluorene	30	100	0.077 J	0.11 J	0.1 J
Hexachlorobenzene	0.33	1.2	0.038 U	0.035 U	0.036 U
Hexachlorobutadiene	NS	NS	0.077 U	0.072 U	0.073 U
Hexachlorocyclopentadiene	NS	NS	0.38 UJ	0.35 U	0.36 U
Hexachloroethane	NS	NS	0.038 U	0.035 U	0.036 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**1.4**	**2.1 J**	**2 J**
Isophorone	NS	NS	0.11 J	0.095 J	0.094 J
Naphthalene	12	100	0.056 J	0.043 J	0.049 J
Nitrobenzene	NS	NS	0.038 U	0.035 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.035 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.35 U	0.36 U
Phenanthrene	100	100	1.3	1.7	1.7
Pyrene	100	100	2	3.9	3.5

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F2(3-5)-20170417	SSB-XXX(3-5)-20170417	SSB-F3(3-5)-20170418
Lab Sample ID	Part 375	Part 375	460-131745-30	460-131745-31	460-131841-1
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/18/2017
Dilution Factor	SCO	Residential SCO	2	1	1
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	NA	NA	0.036 U
1,2-Dichlorobenzene	1.1	100	NA	NA	0.36 U
1,3-Dichlorobenzene	2.4	49	NA	NA	0.36 U
1,4-Dichlorobenzene	1.8	13	NA	NA	0.36 U
2,4-Dinitrotoluene	NS	NS	NA	NA	0.072 U
2,6-Dinitrotoluene	NS	NS	NA	NA	0.072 U
2-Chloronaphthalene	NS	NS	NA	NA	0.36 U
2-Methylnaphthalene	NS	NS	NA	NA	0.014 J
2-Nitroaniline	NS	NS	NA	NA	0.36 U
3,3'-Dichlorobenzidine	NS	NS	NA	NA	0.14 U
3-Nitroaniline	NS	NS	NA	NA	0.36 U
4-Bromophenyl Phenyl Ether	NS	NS	NA	NA	0.36 U
4-Chloroaniline	NS	NS	NA	NA	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	NA	NA	0.36 U
4-Nitroaniline	NS	NS	NA	NA	0.36 U
Acenaphthene	20	100	1.8	0.87	0.0087 J
Acenaphthylene	100	100	0.094 J	0.072 J	0.36 U
Anthracene	100	100	2.8	1.5	0.36 U
Benzo(A)Anthracene	1	1	**5.9**	**4**	0.095
Benzo(A)Pyrene	1	1	**6.1**	**4.1**	0.076
Benzo(B)Fluoranthene	1	1	**7**	**4.9**	0.12
Benzo(G,H,I)Perylene	100	100	3.6	2.6	0.049 J
Benzo(K)Fluoranthene	0.8	3.9	**2.9**	**1.8**	0.043
Benzyl Butyl Phthalate	NS	NS	NA	NA	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	NA	NA	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NA	NA	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NA	NA	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NA	NA	0.36 U
Carbazole	NS	NS	NA	NA	0.36 U
Chrysene	1	3.9	**5.1**	**3.6**	0.11 J
Dibenz(A,H)Anthracene	0.33	0.33	**1 J**	**0.71 J**	0.02 J
Dibenzofuran	7	59	NA	NA	0.36 U
Diethyl Phthalate	NS	NS	NA	NA	0.36 U
Dimethyl Phthalate	NS	NS	NA	NA	0.36 U
Di-N-Butyl Phthalate	NS	NS	NA	NA	0.36 U
Di-N-Octylphthalate	NS	NS	NA	NA	0.36 U
Fluoranthene	100	100	14	7.1	0.18 J
Fluorene	30	100	1.2	0.52	0.36 U
Hexachlorobenzene	0.33	1.2	NA	NA	0.036 U
Hexachlorobutadiene	NS	NS	NA	NA	0.072 U
Hexachlorocyclopentadiene	NS	NS	NA	NA	0.36 U
Hexachloroethane	NS	NS	NA	NA	0.036 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**4.5 J**	**3 J**	0.053 J
Isophorone	NS	NS	NA	NA	0.14 U
Naphthalene	12	100	0.99	0.3 J	0.01 J
Nitrobenzene	NS	NS	NA	NA	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	NA	NA	0.036 U
N-Nitrosodiphenylamine	NS	NS	NA	NA	0.36 U
Phenanthrene	100	100	11	5.9	0.14 J
Pyrene	100	100	11	7.1	0.16 J

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F4(3-5)-20170418	SSB-F5(3-5)-20170418	SSB-F6(3-5)-20170418
Lab Sample ID	Part 375	Part 375	460-131841-8	460-131841-16	460-131841-23
Date Sampled	Unrestricted	Restricted	4/18/2017	4/18/2017	4/18/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	NA	NA	0.035 U
1,2-Dichlorobenzene	1.1	100	NA	NA	0.35 U
1,3-Dichlorobenzene	2.4	49	NA	NA	0.35 U
1,4-Dichlorobenzene	1.8	13	NA	NA	0.35 U
2,4-Dinitrotoluene	NS	NS	NA	NA	0.071 U
2,6-Dinitrotoluene	NS	NS	NA	NA	0.071 U
2-Chloronaphthalene	NS	NS	NA	NA	0.35 U
2-Methylnaphthalene	NS	NS	NA	NA	0.35 U
2-Nitroaniline	NS	NS	NA	NA	0.35 U
3,3'-Dichlorobenzidine	NS	NS	NA	NA	0.14 U
3-Nitroaniline	NS	NS	NA	NA	0.35 U
4-Bromophenyl Phenyl Ether	NS	NS	NA	NA	0.35 U
4-Chloroaniline	NS	NS	NA	NA	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	NA	NA	0.35 U
4-Nitroaniline	NS	NS	NA	NA	0.35 U
Acenaphthene	20	100	0.1 J	0.32 J	0.35 U
Acenaphthylene	100	100	0.044 J	0.06 J	0.35 U
Anthracene	100	100	0.31 J	0.68	0.35 U
Benzo(A)Anthracene	1	1	0.97	**2.4**	0.035 U
Benzo(A)Pyrene	1	1	0.97	**2.6**	0.035 U
Benzo(B)Fluoranthene	1	1	**1.2**	**3.1**	0.035 U
Benzo(G,H,I)Perylene	100	100	0.84	2.8	0.35 U
Benzo(K)Fluoranthene	0.8	3.9	0.42	**1.2**	0.035 U
Benzyl Butyl Phthalate	NS	NS	NA	NA	0.35 U
Bis(2-Chloroethoxy) Methane	NS	NS	NA	NA	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NA	NA	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NA	NA	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NA	NA	0.35 U
Carbazole	NS	NS	NA	NA	0.35 U
Chrysene	1	3.9	0.96	**2.5**	0.35 U
Dibenz(A,H)Anthracene	0.33	0.33	0.2	**0.63**	0.035 U
Dibenzofuran	7	59	NA	NA	0.35 U
Diethyl Phthalate	NS	NS	NA	NA	0.35 U
Dimethyl Phthalate	NS	NS	NA	NA	0.35 U
Di-N-Butyl Phthalate	NS	NS	NA	NA	0.35 U
Di-N-Octylphthalate	NS	NS	NA	NA	0.35 U
Fluoranthene	100	100	1.9	5.1	0.35 U
Fluorene	30	100	0.083 J	0.22 J	0.35 U
Hexachlorobenzene	0.33	1.2	NA	NA	0.035 U
Hexachlorobutadiene	NS	NS	NA	NA	0.071 U
Hexachlorocyclopentadiene	NS	NS	NA	NA	0.35 U
Hexachloroethane	NS	NS	NA	NA	0.035 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**0.81**	**3.1**	0.035 U
Isophorone	NS	NS	NA	NA	0.14 U
Naphthalene	12	100	0.042 J	0.11 J	0.35 U
Nitrobenzene	NS	NS	NA	NA	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	NA	NA	0.035 U
N-Nitrosodiphenylamine	NS	NS	NA	NA	0.35 U
Phenanthrene	100	100	1.1	3	0.35 U
Pyrene	100	100	1.8	3.9	0.35 U

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-G1(2-4)-20170414	SSB-G3(3-5)-20170414	SSB-G4(3-5)-20170417
Lab Sample ID	Part 375	Part 375	460-131680-9	460-131680-23	460-131745-1
Date Sampled	Unrestricted	Restricted	4/14/2017	4/14/2017	4/17/2017
Dilution Factor	SCO	Residential	1	1	2
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.038 U	0.038 U	NA
1,2-Dichlorobenzene	1.1	100	0.38 U	0.38 U	NA
1,3-Dichlorobenzene	2.4	49	0.38 U	0.38 U	NA
1,4-Dichlorobenzene	1.8	13	0.38 U	0.38 U	NA
2,4-Dinitrotoluene	NS	NS	0.078 U	0.078 U	NA
2,6-Dinitrotoluene	NS	NS	0.078 U	0.078 U	NA
2-Chloronaphthalene	NS	NS	0.38 U	0.38 U	NA
2-Methylnaphthalene	NS	NS	0.046 J	0.38 U	NA
2-Nitroaniline	NS	NS	0.38 U	0.38 U	NA
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	NA
3-Nitroaniline	NS	NS	0.38 U	0.38 U	NA
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.38 U	NA
4-Chloroaniline	NS	NS	0.38 U	0.38 U	NA
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.38 U	NA
4-Nitroaniline	NS	NS	0.38 U	0.38 U	NA
Acenaphthene	20	100	0.38 U	0.38 U	1.4
Acenaphthylene	100	100	0.38 U	0.38 U	0.75 U
Anthracene	100	100	0.38 U	0.38 U	2.3
Benzo(A)Anthracene	1	1	0.074	0.038 U	**3.9**
Benzo(A)Pyrene	1	1	0.057	0.038 U	**4.2**
Benzo(B)Fluoranthene	1	1	0.12	0.038 U	**5**
Benzo(G,H,I)Perylene	100	100	0.063 J	0.38 U	3.1
Benzo(K)Fluoranthene	0.8	3.9	0.039	0.038 U	**2**
Benzyl Butyl Phthalate	NS	NS	0.38 U	0.38 U	NA
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.38 U	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.038 U	NA
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.38 U	NA
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.38 U	0.38 U	NA
Carbazole	NS	NS	0.38 U	0.38 U	NA
Chrysene	1	3.9	0.12 J	0.38 U	**4.1**
Dibenz(A,H)Anthracene	0.33	0.33	0.038 U	0.038 U	**0.83**
Dibenzofuran	7	59	0.38 U	0.38 U	NA
Diethyl Phthalate	NS	NS	0.38 U	0.38 U	NA
Dimethyl Phthalate	NS	NS	0.38 U	0.38 U	NA
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.38 U	NA
Di-N-Octylphthalate	NS	NS	0.38 UJ	0.38 UJ	NA
Fluoranthene	100	100	0.22 J	0.38 U	9.2
Fluorene	30	100	0.38 U	0.38 U	1.5
Hexachlorobenzene	0.33	1.2	0.038 U	0.038 U	NA
Hexachlorobutadiene	NS	NS	0.078 U	0.078 U	NA
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.38 U	NA
Hexachloroethane	NS	NS	0.038 U	0.038 U	NA
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.075	0.038 U	**3**
Isophorone	NS	NS	1	0.15 U	NA
Naphthalene	12	100	0.026 J	0.38 U	1.1
Nitrobenzene	NS	NS	0.038 U	0.038 U	NA
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.038 U	NA
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.38 U	NA
Phenanthrene	100	100	0.13 J	0.38 U	11
Pyrene	100	100	0.22 J	0.38 U	7.9

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-X (3-5)-20170417	SSB-G5(3-5)-20170417	SSB-G6(3-5)-20170417
Lab Sample ID	Part 375	Part 375	460-131745-2	460-131745-9	460-131745-16
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential	2	5	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	NA	NA	0.037 U
1,2-Dichlorobenzene	1.1	100	NA	NA	0.37 U
1,3-Dichlorobenzene	2.4	49	NA	NA	0.37 U
1,4-Dichlorobenzene	1.8	13	NA	NA	0.37 U
2,4-Dinitrotoluene	NS	NS	NA	NA	0.075 U
2,6-Dinitrotoluene	NS	NS	NA	NA	0.075 U
2-Chloronaphthalene	NS	NS	NA	NA	0.37 U
2-Methylnaphthalene	NS	NS	NA	NA	0.37 U
2-Nitroaniline	NS	NS	NA	NA	0.37 U
3,3'-Dichlorobenzidine	NS	NS	NA	NA	0.15 U
3-Nitroaniline	NS	NS	NA	NA	0.37 U
4-Bromophenyl Phenyl Ether	NS	NS	NA	NA	0.37 U
4-Chloroaniline	NS	NS	NA	NA	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	NA	NA	0.37 U
4-Nitroaniline	NS	NS	NA	NA	0.37 U
Acenaphthene	20	100	2.1	0.76 J	0.37 U
Acenaphthylene	100	100	0.75 U	1.9 U	0.37 U
Anthracene	100	100	3.4	1.6 J	0.37 U
Benzo(A)Anthracene	1	1	**5.5**	**3.6**	0.041
Benzo(A)Pyrene	1	1	**5.9**	**4**	0.037 U
Benzo(B)Fluoranthene	1	1	**7.2**	**4.5**	0.037 U
Benzo(G,H,I)Perylene	100	100	4.5	4.2	0.37 U
Benzo(K)Fluoranthene	0.8	3.9	**2.6**	**2**	0.037 U
Benzyl Butyl Phthalate	NS	NS	NA	NA	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	NA	NA	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NA	NA	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NA	NA	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NA	NA	0.37 U
Carbazole	NS	NS	NA	NA	0.37 U
Chrysene	1	3.9	**5.6**	**3.8**	0.046 J
Dibenz(A,H)Anthracene	0.33	0.33	**1.2**	**1.1**	0.037 U
Dibenzofuran	7	59	NA	NA	0.37 U
Diethyl Phthalate	NS	NS	NA	NA	0.37 U
Dimethyl Phthalate	NS	NS	NA	NA	0.37 U
Di-N-Butyl Phthalate	NS	NS	NA	NA	0.37 U
Di-N-Octylphthalate	NS	NS	NA	NA	0.37 U
Fluoranthene	100	100	13	7.7	0.079 J
Fluorene	30	100	2	0.64 J	0.37 U
Hexachlorobenzene	0.33	1.2	NA	NA	0.037 U
Hexachlorobutadiene	NS	NS	NA	NA	0.075 U
Hexachlorocyclopentadiene	NS	NS	NA	NA	0.37 U
Hexachloroethane	NS	NS	NA	NA	0.037 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**4.2**	**4.1**	0.037 U
Isophorone	NS	NS	NA	NA	0.15 U
Naphthalene	12	100	1.5	0.59 J	0.37 U
Nitrobenzene	NS	NS	NA	NA	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	NA	NA	0.037 U
N-Nitrosodiphenylamine	NS	NS	NA	NA	0.37 U
Phenanthrene	100	100	15	6.2	0.042 J
Pyrene	100	100	10	5.7	0.071 J

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-H1(3-5)-20170413	SSB-H2(1-3)-20170413	SSB-H2(33-35)-20170413
Lab Sample ID	Part 375	Part 375	460-131670-9	460-131670-11	460-131670-18
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.039 U	NA	NA
1,2-Dichlorobenzene	1.1	100	0.39 U	NA	NA
1,3-Dichlorobenzene	2.4	49	0.39 U	NA	NA
1,4-Dichlorobenzene	1.8	13	0.39 U	NA	NA
2,4-Dinitrotoluene	NS	NS	0.078 U	NA	NA
2,6-Dinitrotoluene	NS	NS	0.078 U	NA	NA
2-Chloronaphthalene	NS	NS	0.39 U	NA	NA
2-Methylnaphthalene	NS	NS	0.019 J	NA	NA
2-Nitroaniline	NS	NS	0.39 U	NA	NA
3,3'-Dichlorobenzidine	NS	NS	0.16 U	NA	NA
3-Nitroaniline	NS	NS	0.39 U	NA	NA
4-Bromophenyl Phenyl Ether	NS	NS	0.39 U	NA	NA
4-Chloroaniline	NS	NS	0.39 U	NA	NA
4-Chlorophenyl Phenyl Ether	NS	NS	0.39 U	NA	NA
4-Nitroaniline	NS	NS	0.39 U	NA	NA
Acenaphthene	20	100	0.39 U	0.36 U	0.34 U
Acenaphthylene	100	100	0.39 U	0.36 U	0.34 U
Anthracene	100	100	0.39 U	0.36 U	0.34 U
Benzo(A)Anthracene	1	1	0.046	0.036 U	0.034 U
Benzo(A)Pyrene	1	1	0.031 J	0.015 JL	0.034 U
Benzo(B)Fluoranthene	1	1	0.066	0.033 JL	0.034 U
Benzo(G,H,I)Perylene	100	100	0.027 J	0.36 U	0.34 UJ
Benzo(K)Fluoranthene	0.8	3.9	0.024 J	0.036 U	0.034 U
Benzyl Butyl Phthalate	NS	NS	0.39 U	NA	NA
Bis(2-Chloroethoxy) Methane	NS	NS	0.39 U	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.039 U	NA	NA
Bis(2-Chloroisopropyl) Ether	NS	NS	0.39 U	NA	NA
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.39 U	NA	NA
Carbazole	NS	NS	0.39 U	NA	NA
Chrysene	1	3.9	0.052 J	0.029 JL	0.34 U
Dibenz(A,H)Anthracene	0.33	0.33	0.039 U	0.036 UJ	0.034 UJ
Dibenzofuran	7	59	0.39 U	NA	NA
Diethyl Phthalate	NS	NS	0.39 U	NA	NA
Dimethyl Phthalate	NS	NS	0.39 U	NA	NA
Di-N-Butyl Phthalate	NS	NS	0.39 U	NA	NA
Di-N-Octylphthalate	NS	NS	0.39 U	NA	NA
Fluoranthene	100	100	0.093 J	0.048 J	0.34 U
Fluorene	30	100	0.39 U	0.36 U	0.34 U
Hexachlorobenzene	0.33	1.2	0.039 U	NA	NA
Hexachlorobutadiene	NS	NS	0.078 U	NA	NA
Hexachlorocyclopentadiene	NS	NS	0.39 U	NA	NA
Hexachloroethane	NS	NS	0.039 U	NA	NA
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.046	0.031 JL	0.034 UJ
Isophorone	NS	NS	5.3	NA	NA
Naphthalene	12	100	0.027 J	0.36 U	0.34 U
Nitrobenzene	NS	NS	0.039 U	NA	NA
N-Nitrosodi-N-Propylamine	NS	NS	0.039 U	NA	NA
N-Nitrosodiphenylamine	NS	NS	0.39 U	NA	NA
Phenanthrene	100	100	0.064 J	0.029 J	0.34 U
Pyrene	100	100	0.084 J	0.041 J	0.34 U

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-H3(3-5)-20170413	SSB-H4(3-5)-20170413	SSB-H5(3-5)-20170413
Lab Sample ID	Part 375	Part 375	460-131670-19	460-131670-26	460-131670-32
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.037 U	NA	NA
1,2-Dichlorobenzene	1.1	100	0.37 U	NA	NA
1,3-Dichlorobenzene	2.4	49	0.37 U	NA	NA
1,4-Dichlorobenzene	1.8	13	0.37 U	NA	NA
2,4-Dinitrotoluene	NS	NS	0.076 U	NA	NA
2,6-Dinitrotoluene	NS	NS	0.076 U	NA	NA
2-Chloronaphthalene	NS	NS	0.37 U	NA	NA
2-Methylnaphthalene	NS	NS	0.37 U	NA	NA
2-Nitroaniline	NS	NS	0.37 U	NA	NA
3,3'-Dichlorobenzidine	NS	NS	0.15 U	NA	NA
3-Nitroaniline	NS	NS	0.37 U	NA	NA
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	NA	NA
4-Chloroaniline	NS	NS	0.37 U	NA	NA
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	NA	NA
4-Nitroaniline	NS	NS	0.37 U	NA	NA
Acenaphthene	20	100	0.37 U	0.076 JL	0.018 JL
Acenaphthylene	100	100	0.37 U	0.36 U	0.37 U
Anthracene	100	100	0.37 U	0.21 J	0.05 JL
Benzo(A)Anthracene	1	1	0.037 U	0.78	0.19 JL
Benzo(A)Pyrene	1	1	0.037 U	0.77 JL	0.24
Benzo(B)Fluoranthene	1	1	0.027 J	0.95	0.28
Benzo(G,H,I)Perylene	100	100	0.37 UJ	0.72	0.23 J
Benzo(K)Fluoranthene	0.8	3.9	0.037 U	0.34 JL	0.094 JL
Benzyl Butyl Phthalate	NS	NS	0.37 U	NA	NA
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	NA	NA
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	NA	NA
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	NA	NA
Carbazole	NS	NS	0.37 U	NA	NA
Chrysene	1	3.9	0.016 J	0.76 JL	0.18 JL
Dibenz(A,H)Anthracene	0.33	0.33	0.037 UJ	0.036 UJ	0.054 JL
Dibenzofuran	7	59	0.37 U	NA	NA
Diethyl Phthalate	NS	NS	0.37 U	NA	NA
Dimethyl Phthalate	NS	NS	0.37 U	NA	NA
Di-N-Butyl Phthalate	NS	NS	0.37 U	NA	NA
Di-N-Octylphthalate	NS	NS	0.37 U	NA	NA
Fluoranthene	100	100	0.027 J	1.2 JL	0.29 JL
Fluorene	30	100	0.37 U	0.094 JL	0.013 JL
Hexachlorobenzene	0.33	1.2	0.037 U	NA	NA
Hexachlorobutadiene	NS	NS	0.076 U	NA	NA
Hexachlorocyclopentadiene	NS	NS	0.37 U	NA	NA
Hexachloroethane	NS	NS	0.037 U	NA	NA
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	0.026 J	0.96	0.27 JL
Isophorone	NS	NS	0.15 U	NA	NA
Naphthalene	12	100	0.37 U	0.079 JL	0.018 J
Nitrobenzene	NS	NS	0.037 U	NA	NA
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	NA	NA
N-Nitrosodiphenylamine	NS	NS	0.37 U	NA	NA
Phenanthrene	100	100	0.029 J	0.99	0.22 JL
Pyrene	100	100	0.026 J	1.5	0.38 JL

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-X(3-5)-20170413	SSB-H6(3-5)-20170414	SSB-I1(3-5)-20170412
Lab Sample ID	Part 375	Part 375	460-131670-33	460-131680-1	460-131520-1
Date Sampled	Unrestricted	Restricted	4/13/2017	4/14/2017	4/12/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	NA	0.036 U	0.038 U
1,2-Dichlorobenzene	1.1	100	NA	0.36 U	0.38 U
1,3-Dichlorobenzene	2.4	49	NA	0.36 U	0.38 U
1,4-Dichlorobenzene	1.8	13	NA	0.36 U	0.38 U
2,4-Dinitrotoluene	NS	NS	NA	0.074 U	0.077 U
2,6-Dinitrotoluene	NS	NS	NA	0.074 U	0.077 U
2-Chloronaphthalene	NS	NS	NA	0.36 U	0.38 U
2-Methylnaphthalene	NS	NS	NA	0.36 U	0.044 J
2-Nitroaniline	NS	NS	NA	0.36 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	NA	0.15 U	0.15 U
3-Nitroaniline	NS	NS	NA	0.36 U	0.38 U
4-Bromophenyl Phenyl Ether	NS	NS	NA	0.36 U	0.38 U
4-Chloroaniline	NS	NS	NA	0.36 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	NA	0.36 U	0.38 U
4-Nitroaniline	NS	NS	NA	0.36 U	0.38 U
Acenaphthene	20	100	0.044 J	0.36 U	0.12 J
Acenaphthylene	100	100	0.37 U	0.36 U	0.048 J
Anthracene	100	100	0.13 J	0.36 U	0.39
Benzo(A)Anthracene	1	1	0.44 J	0.036 U	**1.1**
Benzo(A)Pyrene	1	1	0.48	0.024 J	**1.1**
Benzo(B)Fluoranthene	1	1	0.55	0.027 J	**1.4**
Benzo(G,H,I)Perylene	100	100	0.43	0.36 U	1.1 J
Benzo(K)Fluoranthene	0.8	3.9	0.21 J	0.036 U	0.48
Benzyl Butyl Phthalate	NS	NS	NA	0.36 U	0.38 U
Bis(2-Chloroethoxy) Methane	NS	NS	NA	0.36 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NA	0.036 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NA	0.36 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NA	0.36 U	0.38 U
Carbazole	NS	NS	NA	0.36 U	0.2 J
Chrysene	1	3.9	0.41 J	0.014 J	**1.2**
Dibenz(A,H)Anthracene	0.33	0.33	0.11 J	0.036 UJ	0.31 J
Dibenzofuran	7	59	NA	0.36 U	0.11 J
Diethyl Phthalate	NS	NS	NA	0.36 U	0.38 U
Dimethyl Phthalate	NS	NS	NA	0.36 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	NA	0.36 U	0.38 U
Di-N-Octylphthalate	NS	NS	NA	0.36 UJ	0.38 U
Fluoranthene	100	100	0.74 J	0.015 J	2.4
Fluorene	30	100	0.038 J	0.36 U	0.095 J
Hexachlorobenzene	0.33	1.2	NA	0.036 U	0.038 U
Hexachlorobutadiene	NS	NS	NA	0.074 U	0.077 U
Hexachlorocyclopentadiene	NS	NS	NA	0.36 U	0.38 U
Hexachloroethane	NS	NS	NA	0.036 U	0.038 UJ
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**0.56 J**	0.036 U	**1.1 J**
Isophorone	NS	NS	NA	0.15 U	0.15 U
Naphthalene	12	100	0.027 J	0.36 U	0.12 J
Nitrobenzene	NS	NS	NA	0.036 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	NA	0.036 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	NA	0.36 U	0.38 U
Phenanthrene	100	100	0.53 J	0.015 J	2
Pyrene	100	100	0.86 J	0.018 J	1.8

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-I2(3-5)-20170412	SSB-I3(2-4)-20170412	SSB-I4(3-5)-20170412
Lab Sample ID	Part 375	Part 375	460-131520-9	460-131520-16	460-131520-23
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.038 U	0.038 U	0.038 U
1,2-Dichlorobenzene	1.1	100	0.38 U	0.38 U	0.38 U
1,3-Dichlorobenzene	2.4	49	0.38 U	0.38 U	0.38 U
1,4-Dichlorobenzene	1.8	13	0.38 U	0.38 U	0.38 U
2,4-Dinitrotoluene	NS	NS	0.076 U	0.077 U	0.078 U
2,6-Dinitrotoluene	NS	NS	0.076 U	0.077 U	0.078 U
2-Chloronaphthalene	NS	NS	0.38 U	0.38 U	0.38 U
2-Methylnaphthalene	NS	NS	0.052 J	0.039 J	0.029 J
2-Nitroaniline	NS	NS	0.38 U	0.38 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.38 U	0.38 U	0.38 U
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.38 U	0.38 U
4-Chloroaniline	NS	NS	0.38 U	0.38 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.38 U	0.38 U
4-Nitroaniline	NS	NS	0.38 U	0.38 U	0.38 U
Acenaphthene	20	100	0.23 J	0.039 J	0.12 J
Acenaphthylene	100	100	0.059 J	0.38 U	0.38 U
Anthracene	100	100	0.71	0.19 J	0.32 J
Benzo(A)Anthracene	1	1	**2**	0.77	0.99
Benzo(A)Pyrene	1	1	**2.1**	0.79	**1.1**
Benzo(B)Fluoranthene	1	1	**2.6**	1	**1.4**
Benzo(G,H,I)Perylene	100	100	1.7 J	0.5	0.77
Benzo(K)Fluoranthene	0.8	3.9	**1**	0.47	0.48
Benzyl Butyl Phthalate	NS	NS	0.38 U	0.38 U	0.38 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.38 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.038 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.38 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	2.4	0.38 U	0.38 U
Carbazole	NS	NS	0.42	0.07 J	0.14 J
Chrysene	1	3.9	**2.2**	0.82	1
Dibenz(A,H)Anthracene	0.33	0.33	**0.48 J**	0.16	0.21
Dibenzofuran	7	59	0.16 J	0.036 J	0.07 J
Diethyl Phthalate	NS	NS	0.38 U	0.38 U	0.38 U
Dimethyl Phthalate	NS	NS	0.38 U	0.38 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.38 U	0.38 U
Di-N-Octylphthalate	NS	NS	0.38 U	0.38 U	0.38 U
Fluoranthene	100	100	5	1.7	2.2
Fluorene	30	100	0.16 J	0.043 J	0.095 J
Hexachlorobenzene	0.33	1.2	0.038 U	0.038 U	0.038 U
Hexachlorobutadiene	NS	NS	0.076 U	0.077 U	0.078 U
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.38 UJ	0.38 UJ
Hexachloroethane	NS	NS	0.038 U	0.038 U	0.038 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**1.8 J**	**0.54**	**0.79**
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	0.12 J	0.064 J	0.07 J
Nitrobenzene	NS	NS	0.038 U	0.038 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.038 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.38 U	0.38 U
Phenanthrene	100	100	3.8	0.74	1.5
Pyrene	100	100	3.3	1.3	1.9

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-I5(3-5)-20170412	SSB-I6(3-5)-20170413	SSB-J1(3-5)-20170410
Lab Sample ID	Part 375	Part 375	460-131520-27	460-131670-1	460-131292-1
Date Sampled	Unrestricted	Restricted	4/12/2017	4/13/2017	4/10/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.04 U	0.039 U	0.036 U
1,2-Dichlorobenzene	1.1	100	0.4 U	0.39 U	0.36 U
1,3-Dichlorobenzene	2.4	49	0.4 U	0.39 U	0.36 U
1,4-Dichlorobenzene	1.8	13	0.4 U	0.39 U	0.36 U
2,4-Dinitrotoluene	NS	NS	0.081 U	0.078 U	0.072 U
2,6-Dinitrotoluene	NS	NS	0.081 U	0.078 U	0.072 U
2-Chloronaphthalene	NS	NS	0.4 U	0.39 U	0.36 U
2-Methylnaphthalene	NS	NS	0.15 J	0.05 J	0.072 J
2-Nitroaniline	NS	NS	0.4 U	0.39 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.16 U	0.14 U
3-Nitroaniline	NS	NS	0.4 U	0.39 U	0.36 U
4-Bromophenyl Phenyl Ether	NS	NS	0.4 U	0.39 U	0.36 U
4-Chloroaniline	NS	NS	0.4 U	0.39 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.4 U	0.39 U	0.36 U
4-Nitroaniline	NS	NS	0.4 U	0.39 U	0.36 UJ
Acenaphthene	20	100	0.11 J	0.38 J	0.44 JL
Acenaphthylene	100	100	0.4 U	0.041 J	0.045 J
Anthracene	100	100	0.31 J	0.9	1 JL
Benzo(A)Anthracene	1	1	0.77	**2.5**	**2.9 JL**
Benzo(A)Pyrene	1	1	0.68	**2.8**	**2.9 JL**
Benzo(B)Fluoranthene	1	1	0.81	**3.3**	**3.3 JL**
Benzo(G,H,I)Perylene	100	100	0.63	2.7	2.6
Benzo(K)Fluoranthene	0.8	3.9	0.35	**1.2**	**1.2 JL**
Benzyl Butyl Phthalate	NS	NS	0.4 U	0.39 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.4 U	0.39 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.04 U	0.039 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.4 UJ	0.39 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.4 U	0.39 U	0.36 U
Carbazole	NS	NS	0.12 J	0.39	0.56 JL
Chrysene	1	3.9	0.81	**2.6**	**2.8 JL**
Dibenz(A,H)Anthracene	0.33	0.33	0.17	**0.69**	**0.6**
Dibenzofuran	7	59	0.095 J	0.15 J	0.2 JL
Diethyl Phthalate	NS	NS	0.4 U	0.39 U	0.36 U
Dimethyl Phthalate	NS	NS	0.4 U	0.39 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.4 U	0.39 U	0.025 J
Di-N-Octylphthalate	NS	NS	0.4 U	0.39 U	0.36 U
Fluoranthene	100	100	1.7	5.8	6 JL
Fluorene	30	100	0.06 J	0.26 J	0.24 JL
Hexachlorobenzene	0.33	1.2	0.04 U	0.039 U	0.036 U
Hexachlorobutadiene	NS	NS	0.081 U	0.078 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	0.4 U	0.39 U	0.36 U
Hexachloroethane	NS	NS	0.04 U	0.039 U	0.036 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**0.62**	**2.6**	**2.9**
Isophorone	NS	NS	6.7	0.16 U	0.14 U
Naphthalene	12	100	0.13 J	0.093 J	0.13 JL
Nitrobenzene	NS	NS	0.04 U	0.039 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.04 UJ	0.039 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.4 U	0.39 U	0.36 U
Phenanthrene	100	100	1.8	4	5.6 JL
Pyrene	100	100	1.3	4	5.8 JL

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J2(3-5)-20170410	SSB-X(3-5)-20170410	SSB-J3(3-5)-20170410
Lab Sample ID	Part 375	Part 375	460-131292-4	460-131292-5	460-131292-8
Date Sampled	Unrestricted	Restricted	4/10/2017	4/10/2017	4/10/2017
Dilution Factor	SCO	Residential	1	1	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.039 U	0.039 U	0.038 U
1,2-Dichlorobenzene	1.1	100	0.39 U	0.39 U	0.38 U
1,3-Dichlorobenzene	2.4	49	0.39 U	0.39 U	0.38 U
1,4-Dichlorobenzene	1.8	13	0.39 U	0.39 U	0.38 U
2,4-Dinitrotoluene	NS	NS	0.078 U	0.079 U	0.076 U
2,6-Dinitrotoluene	NS	NS	0.078 R	1.4	0.076 U
2-Chloronaphthalene	NS	NS	0.39 U	0.39 U	0.38 U
2-Methylnaphthalene	NS	NS	0.029 J	0.026 J	0.022 J
2-Nitroaniline	NS	NS	0.39 U	0.39 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.16 U	0.15 U
3-Nitroaniline	NS	NS	0.39 U	0.39 U	0.38 U
4-Bromophenyl Phenyl Ether	NS	NS	0.39 U	0.39 U	0.38 U
4-Chloroaniline	NS	NS	0.39 U	0.39 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.39 U	0.39 U	0.38 U
4-Nitroaniline	NS	NS	0.39 UJ	0.39 U	0.38 U
Acenaphthene	20	100	0.086 J	0.11 J	0.053 J
Acenaphthylene	100	100	0.081 J	0.052 J	0.027 J
Anthracene	100	100	0.37 J	0.39 U	0.17 J
Benzo(A)Anthracene	1	1	**1.3**	1	0.62 JL
Benzo(A)Pyrene	1	1	**1.4**	0.95	0.53 JL
Benzo(B)Fluoranthene	1	1	**1.7**	**1.2**	0.73 JL
Benzo(G,H,I)Perylene	100	100	1.4	0.93	0.4 JL
Benzo(K)Fluoranthene	0.8	3.9	0.68	0.45	0.27 JL
Benzyl Butyl Phthalate	NS	NS	0.39 U	0.39 U	0.054 JL
Bis(2-Chloroethoxy) Methane	NS	NS	0.39 U	0.39 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.039 U	0.039 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.39 U	0.39 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.045 J	0.025 J	0.026 JL
Carbazole	NS	NS	0.22 J	0.36 J	0.092 J
Chrysene	1	3.9	**1.4**	0.91	0.58 JL
Dibenz(A,H)Anthracene	0.33	0.33	**0.42 J**	0.2 J	0.038 U
Dibenzofuran	7	59	0.068 J	0.061 J	0.041 J
Diethyl Phthalate	NS	NS	0.39 U	0.39 U	0.38 U
Dimethyl Phthalate	NS	NS	0.39 U	0.39 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.017 J	0.048 J	0.38 U
Di-N-Octylphthalate	NS	NS	0.39 U	0.39 U	0.38 U
Fluoranthene	100	100	2.7	3.6	0.98
Fluorene	30	100	0.059 J	0.063 J	0.045 J
Hexachlorobenzene	0.33	1.2	0.039 U	0.039 U	0.038 U
Hexachlorobutadiene	NS	NS	0.078 U	0.079 U	0.076 U
Hexachlorocyclopentadiene	NS	NS	0.39 U	0.39 U	0.38 U
Hexachloroethane	NS	NS	0.039 U	0.039 U	0.038 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**1.7**	**1.1**	**0.54 JL**
Isophorone	NS	NS	0.042 J	0.16 U	0.21
Naphthalene	12	100	0.094 J	0.047 J	0.039 J
Nitrobenzene	NS	NS	0.039 U	0.039 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.039 U	0.039 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.39 U	0.39 U	0.38 U
Phenanthrene	100	100	2.1	1.8	0.94
Pyrene	100	100	2.8	2.5	1.5

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J4(3-5)-20170411	SSB-J5(3-5)-20170411	SSB-J6(2-4)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-6	460-131368-14	460-131368-23
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential	1	2	1
		SCO			
Analyte	mg/kg	mg/kg			
1,2,4-Trichlorobenzene	NS	NS	0.036 U	0.076 U	0.038 U
1,2-Dichlorobenzene	1.1	100	0.36 U	0.76 U	0.38 U
1,3-Dichlorobenzene	2.4	49	0.36 U	0.76 U	0.38 U
1,4-Dichlorobenzene	1.8	13	0.36 U	0.76 U	0.38 U
2,4-Dinitrotoluene	NS	NS	0.073 UJ	0.15 U	0.076 U
2,6-Dinitrotoluene	NS	NS	0.073 U	0.15 U	0.076 U
2-Chloronaphthalene	NS	NS	0.36 U	0.76 U	0.38 U
2-Methylnaphthalene	NS	NS	0.014 J	0.051 J	0.078 J
2-Nitroaniline	NS	NS	0.36 U	0.76 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.31 U	0.15 U
3-Nitroaniline	NS	NS	0.36 U	0.76 U	0.38 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.76 U	0.38 U
4-Chloroaniline	NS	NS	0.36 U	0.76 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.76 U	0.38 U
4-Nitroaniline	NS	NS	0.36 UJ	0.76 U	0.38 U
Acenaphthene	20	100	0.02 J	0.63 J	0.36 J
Acenaphthylene	100	100	0.014 J	0.18 J	0.11 J
Anthracene	100	100	0.11 J	1.3	0.81
Benzo(A)Anthracene	1	1	0.45	**4**	**2.2**
Benzo(A)Pyrene	1	1	0.44	**3.9**	**1.9**
Benzo(B)Fluoranthene	1	1	0.61	**4.7**	**2.4**
Benzo(G,H,I)Perylene	100	100	0.34 J	3.1	1.6
Benzo(K)Fluoranthene	0.8	3.9	0.21	**1.7**	**0.81**
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.76 U	0.38 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.76 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.076 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.76 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.11 J	0.76 U	0.38 U
Carbazole	NS	NS	0.041 J	0.57 J	0.32 J
Chrysene	1	3.9	0.49	**4.2**	**2.1**
Dibenz(A,H)Anthracene	0.33	0.33	0.085	**0.92**	**0.39**
Dibenzofuran	7	59	0.017 J	0.25 J	0.14 J
Diethyl Phthalate	NS	NS	0.36 UJ	0.76 U	0.38 U
Dimethyl Phthalate	NS	NS	0.36 U	0.76 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.028 J	0.76 U	0.38 U
Di-N-Octylphthalate	NS	NS	0.36 UJ	0.76 U	0.38 U
Fluoranthene	100	100	0.85	8.4	4.1
Fluorene	30	100	0.018 J	0.44 J	0.25 J
Hexachlorobenzene	0.33	1.2	0.036 U	0.076 U	0.038 U
Hexachlorobutadiene	NS	NS	0.073 U	0.15 U	0.076 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.76 UJ	0.38 U
Hexachloroethane	NS	NS	0.036 U	0.076 U	0.038 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	**0.52**	**3.3**	**1.9**
Isophorone	NS	NS	0.12 J	0.31 U	0.32
Naphthalene	12	100	0.022 J	0.11 J	0.13 J
Nitrobenzene	NS	NS	0.036 U	0.076 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 UJ	0.076 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.76 U	0.38 U
Phenanthrene	100	100	0.45	5.8	3.8
Pyrene	100	100	0.86	6	4.4

Table 4A
QA/QC Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	FB-20170410	FB-20170412	FB-20170413	FB-20170414	FB-20170419	FB-20170420	FB-20170421
Lab Sample ID	460-131292-11	460-131520-35	460-131670-38	460-131680-30	460-131962-39	460-131963-34	460-132063-31
Date Sampled	4/10/2017	4/12/2017	4/13/2017	4/14/2017	4/19/2017	4/20/2017	4/21/2017
Analyte							
1,2,4-Trichlorobenzene	1.1 U	NA	NA	NA	1 U	1 U	NA
1,2-Dichlorobenzene	11 U	NA	NA	NA	10 U	10 U	NA
1,3-Dichlorobenzene	11 U	NA	NA	NA	10 U	10 U	NA
1,4-Dichlorobenzene	11 U	NA	NA	NA	10 U	10 U	NA
2,4-Dinitrotoluene	2.1 U	NA	NA	NA	2.1 U	2.1 U	NA
2,6-Dinitrotoluene	2.1 U	NA	NA	NA	2.1 U	2.1 U	NA
2-Chloronaphthalene	11 U	NA	NA	NA	10 U	10 U	NA
2-Methylnaphthalene	11 U	NA	NA	NA	10 U	10 U	NA
2-Nitroaniline	11 U	NA	NA	NA	10 U	10 U	NA
3,3'-Dichlorobenzidine	11 U	NA	NA	NA	10 U	10 U	NA
3-Nitroaniline	11 U	NA	NA	NA	10 U	10 U	NA
4-Bromophenyl Phenyl Ether	11 U	NA	NA	NA	10 U	10 U	NA
4-Chloroaniline	11 U	NA	NA	NA	10 U	10 U	NA
4-Chlorophenyl Phenyl Ether	11 U	NA	NA	NA	10 U	10 U	NA
4-Nitroaniline	11 U	NA	NA	NA	10 U	10 U	NA
Acenaphthene	11 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	11 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	11 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(A)Anthracene	1.1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(A)Pyrene	1.1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(B)Fluoranthene	1.1 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 U
Benzo(G,H,I)Perylene	11 UT	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(K)Fluoranthene	1.1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	11 U	NA	NA	NA	10 U	10 U	NA
Bis(2-Chloroethoxy) Methane	11 U	NA	NA	NA	10 U	10 U	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.1 U	NA	NA	NA	1 U	1 U	NA
Bis(2-Chloroisopropyl) Ether	11 U	NA	NA	NA	10 U	10 U	NA
Bis(2-Ethylhexyl) Phthalate	2.1 U	NA	NA	NA	2.1 U	2.1 U	NA
Carbazole	11 U	NA	NA	NA	10 U	10 U	NA
Chrysene	2.1 U	2 U	2.1 U	2 U	2.1 U	2.1 U	2 U
Dibenz(A,H)Anthracene	1.1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	11 U	NA	NA	NA	10 U	10 U	NA
Diethyl Phthalate	11 U	NA	NA	NA	10 U	10 U	NA
Dimethyl Phthalate	11 U	NA	NA	NA	10 UJ	10 U	NA
Di-N-Butyl Phthalate	11 UJ	NA	NA	NA	10 U	10 U	NA
Di-N-Octylphthalate	11 UJ	NA	NA	NA	10 U	10 U	NA
Fluoranthene	11 U	10 U	10 U	10 U	10 U	10 UJ	10 U
Fluorene	11 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	1.1 U	NA	NA	NA	1 UJ	1 U	NA
Hexachlorobutadiene	1.1 U	NA	NA	NA	1 UJ	1 U	NA
Hexachlorocyclopentadiene	11 U	NA	NA	NA	10 U	10 U	NA
Hexachloroethane	1.1 U	NA	NA	NA	1 U	1 U	NA
Indeno(1,2,3-C,D)Pyrene	1.1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	11 U	NA	NA	NA	10 U	10 U	NA
Naphthalene	11 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	1.1 U	NA	NA	NA	1 U	1 U	NA
N-Nitrosodi-N-Propylamine	1.1 U	NA	NA	NA	1 U	1 U	NA
N-Nitrosodiphenylamine	11 U	NA	NA	NA	10 U	10 U	NA
Phenanthrene	11 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	11 U	10 U	10 U	10 U	10 U	10 U	10 U

Table 4A
QA/QC Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	FB-20170424	FB-20170425	FB-20170426	FB1-20170412	FB1-20170414	FB1-20170419	FB1-20170420
Lab Sample ID	460-132206-32	460-132231-34	460-132406-5	460-131520-36	460-131673-4	460-131962-40	460-131963-35
Date Sampled	4/24/2017	4/25/2017	4/26/2017	4/12/2017	4/14/2017	4/19/2017	4/20/2017
Analyte							
1,2,4-Trichlorobenzene	1.1 U	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	11 U	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	11 U	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	11 U	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	2.1 U	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	2.1 U	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	11 U	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	11 U	NA	NA	NA	NA	NA	NA
2-Nitroaniline	11 U	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	11 U	NA	NA	NA	NA	NA	NA
3-Nitroaniline	11 U	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	11 U	NA	NA	NA	NA	NA	NA
4-Chloroaniline	11 U	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	11 U	NA	NA	NA	NA	NA	NA
4-Nitroaniline	11 U	NA	NA	NA	NA	NA	NA
Acenaphthene	11 U	10 U	10 U	10 U	11 U	10 U	10 U
Acenaphthylene	11 U	10 U	10 U	10 U	11 U	10 U	10 U
Anthracene	11 U	10 U	10 U	10 U	11 U	10 U	10 U
Benzo(A)Anthracene	1.1 U	1 U	1 U	1 U	1.1 U	1 U	1 U
Benzo(A)Pyrene	1.1 U	1 U	1 UJ	1 U	1.1 U	1 U	1 U
Benzo(B)Fluoranthene	1.1 U	1 U	1 UJ	1 U	1.1 U	1 UJ	1 U
Benzo(G,H,I)Perylene	11 U	10 U	10 U	10 U	11 U	10 U	10 U
Benzo(K)Fluoranthene	1.1 UJ	1 U	1 U	1 U	1.1 U	1 U	1 U
Benzyl Butyl Phthalate	11 U	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethoxy) Methane	11 U	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.1 U	NA	NA	NA	NA	NA	NA
Bis(2-Chloroisopropyl) Ether	11 U	NA	NA	NA	NA	NA	NA
Bis(2-Ethylhexyl) Phthalate	2.1 U	NA	NA	NA	NA	NA	NA
Carbazole	11 U	NA	NA	NA	NA	NA	NA
Chrysene	2.1 UJ	2.1 U	2 U	2 U	2.1 U	2.1 U	2.1 U
Dibenz(A,H)Anthracene	1.1 U	1 U	1 U	1 U	1.1 U	1 U	1 U
Dibenzofuran	11 U	NA	NA	NA	NA	NA	NA
Diethyl Phthalate	11 U	NA	NA	NA	NA	NA	NA
Dimethyl Phthalate	11 U	NA	NA	NA	NA	NA	NA
Di-N-Butyl Phthalate	11 U	NA	NA	NA	NA	NA	NA
Di-N-Octylphthalate	11 U	NA	NA	NA	NA	NA	NA
Fluoranthene	11 U	10 U	10 U	10 U	11 U	10 U	10 UJ
Fluorene	11 U	10 U	10 U	10 U	11 U	10 U	10 U
Hexachlorobenzene	1.1 U	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	1.1 U	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	11 UJ	NA	NA	NA	NA	NA	NA
Hexachloroethane	1.1 U	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-C,D)Pyrene	1.1 U	1 U	1 U	1 U	1.1 U	1 U	1 U
Isophorone	11 U	NA	NA	NA	NA	NA	NA
Naphthalene	11 U	10 U	10 U	10 U	11 U	10 U	10 U
Nitrobenzene	1.1 UJ	NA	NA	NA	NA	NA	NA
N-Nitrosodi-N-Propylamine	1.1 UJ	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	11 UJ	NA	NA	NA	NA	NA	NA
Phenanthrene	11 U	10 U	10 U	10 U	11 U	10 U	10 U
Pyrene	11 UJ	10 U	10 U	10 U	11 U	10 U	10 U

Table 4A
QA/QC Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	FB1-20170424	FB2-20170414	FB2-20170419	FB2-20170420	FB3-20170414	FB3-20170419	FB3-20170420
Lab Sample ID	460-132206-33	460-131673-5	460-131962-41	460-131963-36	460-131673-6	460-131962-42	460-131963-37
Date Sampled	4/24/2017	4/14/2017	4/19/2017	4/20/2017	4/14/2017	4/19/2017	4/20/2017
Analyte							
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Anthracene	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Benzo(A)Anthracene	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Benzo(A)Pyrene	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Benzo(B)Fluoranthene	1 UJ	1.1 U	1 UJ	1 U	1 U	1 UJ	1 U
Benzo(G,H,I)Perylene	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Benzo(K)Fluoranthene	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethoxy) Methane	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroisopropyl) Ether	NA	NA	NA	NA	NA	NA	NA
Bis(2-Ethylhexyl) Phthalate	NA	NA	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA	NA	NA
Chrysene	2.1 U	2.1 U	2.1 U	2 U	2 U	2.1 U	2.1 U
Dibenz(A,H)Anthracene	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	NA	NA	NA	NA	NA	NA	NA
Diethyl Phthalate	NA	NA	NA	NA	NA	NA	NA
Dimethyl Phthalate	NA	NA	NA	NA	NA	NA	NA
Di-N-Butyl Phthalate	NA	NA	NA	NA	NA	NA	NA
Di-N-Octylphthalate	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	10 U	11 U	10 U	10 UJ	10 U	10 U	10 UJ
Fluorene	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-C,D)Pyrene	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-N-Propylamine	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Pyrene	10 U	11 U	10 U	10 U	10 U	10 U	10 U

Table 5
Soil Analytical Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-A1(3-5)-20170425 460-132231-1 4/25/2017	SSB-A1(8-10)-20170425 460-132231-2 4/25/2017	SSB-A1(18-20)-20170425 460-132231-4 4/25/2017	SSB-A2(3-5)-20170425 460-132231-6 4/25/2017	SSB-A2(8-10)-20170425 460-132231-7 4/25/2017	SSB-A2(18-20)-20170425 460-132231-10 4/25/2017
PCB-1016 (Aroclor 1016)	NS	NS	0.074 U	0.073 U	0.068 U	0.075 U	0.076 U	0.072 U
PCB-1221 (Aroclor 1221)	NS	NS	0.074 U	0.073 U	0.068 U	0.075 U	0.076 U	0.072 U
PCB-1232 (Aroclor 1232)	NS	NS	0.074 U	0.073 U	0.068 U	0.075 U	0.076 U	0.072 U
PCB-1242 (Aroclor 1242)	NS	NS	0.074 U	0.073 U	0.068 U	0.075 U	0.076 U	0.072 U
PCB-1248 (Aroclor 1248)	NS	NS	0.074 U	0.073 U	0.068 U	0.075 U	0.076 U	0.072 U
PCB-1254 (Aroclor 1254)	NS	NS	0.074 U	0.073 U	0.068 U	0.075 U	0.076 U	0.072 U
PCB-1260 (Aroclor 1260)	NS	NS	0.074 U	0.073 U	0.068 U	0.075 U	0.076 U	0.072 U
PCB-1262 (Aroclor 1262)	NS	NS	0.074 U	0.073 U	0.068 U	0.075 U	0.076 U	0.072 U
PCB-1268 (Aroclor 1268)	NS	NS	0.074 U	0.073 U	0.068 U	0.075 U	0.076 U	0.072 U
Total Polychlorinated Biphenyl (PCBs)	0.1	1	0.074 U	0.073 U	0.068 U	0.075 U	0.076 U	0.072 U

Table 5
Soil Analytical Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-A3(3-5)-20170425 460-132231-12 4/25/2017	SSB-A3(8-10)-20170425 460-132231-13 4/25/2017	SSB-A3(18-20)-20170425 460-132231-15 4/25/2017	SSB-A4(3-5)-20170425 460-132231-16 4/25/2017	SSB-A4(8-10)-20170425 460-132231-17 4/25/2017	SSB-A4(18-20)-20170425 460-132231-19 4/25/2017
PCB-1016 (Aroclor 1016)	NS	NS	0.076 U	0.076 U	0.082 U	0.076 U	0.069 U	0.073 U
PCB-1221 (Aroclor 1221)	NS	NS	0.076 U	0.076 U	0.082 U	0.076 U	0.069 U	0.073 U
PCB-1232 (Aroclor 1232)	NS	NS	0.076 U	0.076 U	0.082 U	0.076 U	0.069 U	0.073 U
PCB-1242 (Aroclor 1242)	NS	NS	0.076 U	0.076 U	0.082 U	0.076 U	0.069 U	0.073 U
PCB-1248 (Aroclor 1248)	NS	NS	0.076 U	0.076 U	0.082 U	0.076 U	0.069 U	0.073 U
PCB-1254 (Aroclor 1254)	NS	NS	0.076 U	0.076 U	0.082 U	0.076 U	0.069 U	0.073 U
PCB-1260 (Aroclor 1260)	NS	NS	0.076 U	0.076 U	0.082 U	0.076 U	0.069 U	0.073 U
PCB-1262 (Aroclor 1262)	NS	NS	0.076 U	0.076 U	0.082 U	0.076 U	0.069 U	0.073 U
PCB-1268 (Aroclor 1268)	NS	NS	0.076 U	0.076 U	0.082 U	0.076 U	0.069 U	0.073 U
Total Polychlorinated Biphenyl (PCBs)	0.1	1	0.076 U	0.076 U	0.082 U	0.076 U	0.069 U	0.073 U

Table 5
Soil Analytical Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-A6(3-5)-20170425 460-132231-26 4/25/2017	SSB-XX(3-5)-20170425 460-132231-27 4/25/2017	SSB-A6(8-10)-20170425 460-132231-28 4/25/2017	SSB-A6(18-20)-20170425 460-132231-30 4/25/2017	SSB-A6(28-30)-20170425 460-132231-32 4/25/2017	SSB-B1(3-5)-20170424 460-132206-1 4/24/2017
PCB-1016 (Aroclor 1016)	NS	NS	0.074 U	0.075 U	0.073 U	0.074 U	0.07 U	0.07 U
PCB-1221 (Aroclor 1221)	NS	NS	0.074 U	0.075 U	0.073 U	0.074 U	0.07 U	0.07 U
PCB-1232 (Aroclor 1232)	NS	NS	0.074 U	0.075 U	0.073 U	0.074 U	0.07 U	0.07 U
PCB-1242 (Aroclor 1242)	NS	NS	0.074 U	0.075 U	0.073 U	0.074 U	0.07 U	0.07 U
PCB-1248 (Aroclor 1248)	NS	NS	0.074 U	0.075 U	0.073 U	0.074 U	0.07 U	0.07 U
PCB-1254 (Aroclor 1254)	NS	NS	0.074 U	0.075 U	0.073 U	0.074 U	0.07 U	0.07 U
PCB-1260 (Aroclor 1260)	NS	NS	0.074 U	0.075 U	0.073 U	0.074 U	0.07 U	0.07 U
PCB-1262 (Aroclor 1262)	NS	NS	0.074 U	0.075 U	0.073 U	0.074 U	0.07 U	0.07 U
PCB-1268 (Aroclor 1268)	NS	NS	0.074 U	0.075 U	0.073 U	0.074 U	0.07 U	0.07 U
Total Polychlorinated Biphenyl (PCBs)	0.1	1	0.074 U	0.075 U	0.073 U	0.074 U	0.07 U	0.07 U

Table 5
Soil Analytical Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-B1(8-10)-20170424 460-132206-2 4/24/2017	SSB-B1(18-20)-20170424 460-132206-4 4/24/2017	SSB-B2(3-5)-20170424 460-132206-6 4/24/2017	SSB-B2(8-10)-20170424 460-132206-7 4/24/2017	SSB-X(8-10)-20170424 460-132206-8 4/24/2017	SSB-B2(18-20)-20170424 460-132206-10 4/24/2017
PCB-1016 (Aroclor 1016)	NS	NS	0.077 U	0.073 U	0.075 U	0.077 U	0.076 U	0.078 U
PCB-1221 (Aroclor 1221)	NS	NS	0.077 U	0.073 U	0.075 U	0.077 U	0.076 U	0.078 U
PCB-1232 (Aroclor 1232)	NS	NS	0.077 U	0.073 U	0.075 U	0.077 U	0.076 U	0.078 U
PCB-1242 (Aroclor 1242)	NS	NS	0.077 U	0.073 U	0.075 U	0.077 U	0.076 U	0.078 U
PCB-1248 (Aroclor 1248)	NS	NS	0.077 U	0.073 U	0.075 U	0.077 U	0.076 U	0.078 U
PCB-1254 (Aroclor 1254)	NS	NS	0.077 U	0.073 U	0.075 U	0.077 U	0.076 U	0.078 U
PCB-1260 (Aroclor 1260)	NS	NS	0.077 U	0.073 U	0.075 U	0.077 U	0.076 U	0.078 U
PCB-1262 (Aroclor 1262)	NS	NS	0.077 U	0.073 U	0.075 U	0.077 U	0.076 U	0.078 U
PCB-1268 (Aroclor 1268)	NS	NS	0.077 U	0.073 U	0.075 U	0.077 U	0.076 U	0.078 U
Total Polychlorinated Biphenyl (PCBs)	0.1	1	0.077 U	0.073 U	0.075 U	0.077 U	0.076 U	0.078 U

Table 5
Soil Analytical Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-B3(3-5)-20170424 460-132206-12 4/24/2017	SSB-B3(8-10)-20170424 460-132206-13 4/24/2017	SSB-B4(3-5)-20170424 460-132206-15 4/24/2017	SSB-B4(8-10)-20170424 460-132206-16 4/24/2017	SSB-B4(18-20)-20170424 460-132206-18 4/24/2017	SSB-D4(3-5)-20170420 460-131963-17 4/20/2017
PCB-1016 (Aroclor 1016)	NS	NS	0.076 U	0.076 U	0.073 U	0.075 U	0.071 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	0.076 U	0.076 U	0.073 U	0.075 U	0.071 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	0.076 U	0.076 U	0.073 U	0.075 U	0.071 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	0.076 U	0.076 U	0.073 U	0.075 U	0.071 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	0.076 U	0.076 U	0.073 U	0.075 U	0.071 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	0.076 U	0.076 U	0.073 U	0.075 U	0.071 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	0.076 U	0.076 U	0.073 U	0.075 U	0.071 U	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	0.076 U	0.076 U	0.073 U	0.075 U	0.071 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	0.076 U	0.076 U	0.073 U	0.075 U	0.071 U	0.075 U
Total Polychlorinated Biphenyl (PCBs)	0.1	1	0.076 U	0.076 U	0.073 U	0.075 U	0.071 U	0.075 U

Table 5
Soil Analytical Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-D4(8-10)-20170420 460-131963-18 4/20/2017	SSB-D4(18-20)-20170420 460-131963-20 4/20/2017	SSB-D5(3-5)-20170420 460-131963-22 4/20/2017	SSB-D5(8-10)-20170420 460-131963-23 4/20/2017	SSB-D5(18-20)-20170420 460-131963-26 4/20/2017	SSB-E4(3-5)-20170419 460-131962-20 4/19/2017
PCB-1016 (Aroclor 1016)	NS	NS	0.076 U	0.069 U	0.074 U	0.069 U	0.069 U	0.073 U
PCB-1221 (Aroclor 1221)	NS	NS	0.076 U	0.069 U	0.074 U	0.069 U	0.069 U	0.073 U
PCB-1232 (Aroclor 1232)	NS	NS	0.076 U	0.069 U	0.074 U	0.069 U	0.069 U	0.073 U
PCB-1242 (Aroclor 1242)	NS	NS	0.076 U	0.069 U	0.074 U	0.069 U	0.069 U	0.073 U
PCB-1248 (Aroclor 1248)	NS	NS	0.076 U	0.069 U	0.074 U	0.069 U	0.069 U	0.073 U
PCB-1254 (Aroclor 1254)	NS	NS	0.076 U	0.069 U	0.074 U	0.069 U	0.069 U	0.073 U
PCB-1260 (Aroclor 1260)	NS	NS	0.076 U	0.069 U	0.074 U	0.069 U	0.069 U	0.073 U
PCB-1262 (Aroclor 1262)	NS	NS	0.076 U	0.069 U	0.074 U	0.069 U	0.069 U	0.073 U
PCB-1268 (Aroclor 1268)	NS	NS	0.076 U	0.069 U	0.074 U	0.069 U	0.069 U	0.073 U
Total Polychlorinated Biphenyl (PCBs)	0.1	1	0.076 U	0.069 U	0.074 U	0.069 U	0.069 U	0.073 U

Table 5
Soil Analytical Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-E4(8-10)-20170419 460-131962-21 4/19/2017	SSB-E4(18-20)-20170419 460-131962-23 4/19/2017	SSB-E4(27-29)-20170419 460-131962-25 4/19/2017	SSB-E5(3-5)-20170419 460-131962-26 4/19/2017	SSB-E5(8-10)-20170419 460-131962-27 4/19/2017
PCB-1016 (Aroclor 1016)	NS	NS	0.07 U	0.069 U	0.069 U	0.074 U	0.069 U
PCB-1221 (Aroclor 1221)	NS	NS	0.07 U	0.069 U	0.069 U	0.074 U	0.069 U
PCB-1232 (Aroclor 1232)	NS	NS	0.07 U	0.069 U	0.069 U	0.074 U	0.069 U
PCB-1242 (Aroclor 1242)	NS	NS	0.07 U	0.069 U	0.069 U	0.074 U	0.069 U
PCB-1248 (Aroclor 1248)	NS	NS	0.07 U	0.069 U	0.069 U	0.074 U	0.069 U
PCB-1254 (Aroclor 1254)	NS	NS	0.07 U	0.069 U	0.069 U	0.074 U	0.069 U
PCB-1260 (Aroclor 1260)	NS	NS	0.07 U	0.069 U	0.069 U	0.074 U	0.069 U
PCB-1262 (Aroclor 1262)	NS	NS	0.07 U	0.069 U	0.069 U	0.074 U	0.069 U
PCB-1268 (Aroclor 1268)	NS	NS	0.07 U	0.069 U	0.069 U	0.074 U	0.069 U
Total Polychlorinated Biphenyl (PCBs)	0.1	1	0.07 U	0.069 U	0.069 U	0.074 U	0.069 U

Table 5
Soil Analytical Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-E5(18-20)-20170419 460-131962-29 4/19/2017	SSB-E5(28-30)-20170419 460-131962-31 4/19/2017
PCB-1016 (Aroclor 1016)	NS	NS	0.07 U	0.07 U
PCB-1221 (Aroclor 1221)	NS	NS	0.07 U	0.07 U
PCB-1232 (Aroclor 1232)	NS	NS	0.07 U	0.07 U
PCB-1242 (Aroclor 1242)	NS	NS	0.07 U	0.07 U
PCB-1248 (Aroclor 1248)	NS	NS	0.07 U	0.07 U
PCB-1254 (Aroclor 1254)	NS	NS	0.07 U	0.07 U
PCB-1260 (Aroclor 1260)	NS	NS	0.07 U	0.07 U
PCB-1262 (Aroclor 1262)	NS	NS	0.07 U	0.07 U
PCB-1268 (Aroclor 1268)	NS	NS	0.07 U	0.07 U
Total Polychlorinated Biphenyl (PCBs)	0.1	1	0.07 U	0.07 U

Table 5A
QA/QC Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID	FB-20170421	FB-20170424	FB-20170425
Lab Sample ID	460-132063-31	460-132206-32	460-132231-34
Date Sampled	4/21/2017	4/24/2017	4/25/2017
Analyte			
PCB-1016 (Aroclor 1016)	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	0.4 U	0.4 U	0.4 U
Total Polychlorinated Biphenyl (PCBs)	0.4 U	0.4 U	0.4 U

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A1(3-5)-20170425	SSB-A1(8-10)-20170425	SSB-A1(13-15)-20170425	SSB-A1(18-20)-20170425	SSB-A1(20-22)-20170425	SSB-A2(3-5)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-1	460-132231-2	460-132231-3	460-132231-4	460-132231-5	460-132231-6
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	4 And 10
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	6,480	NA	NA	NA	NA	6,930
Antimony	NS	NS	3.6 UJ	NA	NA	NA	NA	3.3 U
Arsenic	13	16	2.7	3.3	2.6 U	0.78 J	0.97 J	2.0 J
Barium	350	400	73.1	54	31.8 J	23.5 J	32.1 J	56.2
Beryllium	7.2	72	0.5	NA	NA	NA	NA	0.68
Cadmium	2.5	4.3	0.72 U	0.67 U	0.69 U	0.64 U	0.66 U	0.65 U
Calcium	NS	NS	13,000 J	NA	NA	NA	NA	9,920
Chromium, Total	30***	180***	14.2	12	7.9	4.6	8.3	28.1
Cobalt	NS	NS	6.4 J	NA	NA	NA	NA	6.6 J
Copper	50	270	21.8	NA	NA	NA	NA	28.1
Iron	NS	NS	14500	NA	NA	NA	NA	16000
Lead	63	400	**4,090 J**	**215**	3	2	3	**112**
Magnesium	NS	NS	3,890	NA	NA	NA	NA	5,270
Manganese	1600	2000	298	NA	NA	NA	NA	264
Mercury	0.18	0.81	0.17 JH	**0.23**	0.017 U	0.016 U	0.017 U	**3.9**
Nickel	30	310	17.4	NA	NA	NA	NA	20.4
Potassium	NS	NS	1,860	NA	NA	NA	NA	1,820
Selenium	3.9	180	3.6 U	3.3 U	3.4 U	3.2 U	3.3 U	3.3 U
Silver	2	180	1.8 U	1.7 U	1.7 U	1.6 U	1.7 U	1.6 U
Sodium	NS	NS	218 J	NA	NA	NA	NA	131 J
Thallium	NS	NS	3.6 U	NA	NA	NA	NA	3.3 U
Vanadium	NS	NS	20.6	NA	NA	NA	NA	30.2
Zinc	109	10000	82.5	NA	NA	NA	NA	**215**

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A2(8-10)-20170425	SSB-A2(13-15)-20170425	SSB-X(13-15)-20170425	SSB-A2(18-20)-20170425	SSB-A2(22-24)-20170425	SSB-A3(3-5)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-7	460-132231-8	460-132231-9	460-132231-10	460-132231-11	460-132231-12
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	6,660
Antimony	NS	NS	NA	NA	NA	NA	NA	3.7 U
Arsenic	13	16	3.6	2.4	2.8	1.5 J	2.4 U	3.2
Barium	350	400	53.7	27.9 J	33.5 J	23.1 J	19.4 J	182
Beryllium	7.2	72	NA	NA	NA	NA	NA	0.51
Cadmium	2.5	4.3	0.7 U	0.65 U	0.7 U	0.65 U	0.65 U	0.73 U
Calcium	NS	NS	NA	NA	NA	NA	NA	14,000
Chromium, Total	30***	180***	11.3	7.9	12.1	7.4	5.4	14.4
Cobalt	NS	NS	NA	NA	NA	NA	NA	5.9 J
Copper	50	270	NA	NA	NA	NA	NA	18.7
Iron	NS	NS	NA	NA	NA	NA	NA	14700
Lead	63	400	**264**	**86**	**140**	3	3	**4,540**
Magnesium	NS	NS	NA	NA	NA	NA	NA	4,370
Manganese	1600	2000	NA	NA	NA	NA	NA	362
Mercury	0.18	0.81	0.18	0.086	0.091	0.017 U	0.018 U	**0.29**
Nickel	30	310	NA	NA	NA	NA	NA	16.4
Potassium	NS	NS	NA	NA	NA	NA	NA	1,460
Selenium	3.9	180	3.5 U	3.3 U	3.5 U	3.2 U	3.2 U	3.7 U
Silver	2	180	1.8 U	1.6 U	1.8 U	1.6 U	1.6 U	1.8 U
Sodium	NS	NS	NA	NA	NA	NA	NA	118 J
Thallium	NS	NS	NA	NA	NA	NA	NA	3.7 U
Vanadium	NS	NS	NA	NA	NA	NA	NA	19.2
Zinc	109	10000	NA	NA	NA	NA	NA	**176**

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-A3(8-10)-20170425 460-132231-13 4/25/2017 1 And 4	SSB-A3(13-15)-20170425 460-132231-14 4/25/2017 1 And 4	SSB-A3(18-20)-20170425 460-132231-15 4/25/2017 1 And 4	SSB-A4(3-5)-20170425 460-132231-16 4/25/2017 1 And 4 And 40	SSB-A4(8-10)-20170425 460-132231-17 4/25/2017 1 And 4	SSB-A4(13-15)-20170425 460-132231-18 4/25/2017 1 And 4
Aluminum	NS	NS	NA	NA	NA	7,900	NA	NA
Antimony	NS	NS	NA	NA	NA	1.3 J	NA	NA
Arsenic	13	16	4.1	1.2 J	2.3 J	8.5	1.2 J	4.4
Barium	350	400	80.8	25.6 J	60.2	**1330**	22.6 J	75.2
Beryllium	7.2	72	NA	NA	NA	0.58	NA	NA
Cadmium	2.5	4.3	0.68 U	0.62 U	0.8 U	1.9	0.68 U	0.69 U
Calcium	NS	NS	NA	NA	NA	29,300	NA	NA
Chromium, Total	30***	180***	17.6	5.8	18.7	**30.1**	5.9	19.1
Cobalt	NS	NS	NA	NA	NA	5.9 J	NA	NA
Copper	50	270	NA	NA	NA	46.3	NA	NA
Iron	NS	NS	NA	NA	NA	14900	NA	NA
Lead	63	400	**1,710**	3	10	**6,600**	4	10
Magnesium	NS	NS	NA	NA	NA	4,820	NA	NA
Manganese	1600	2000	NA	NA	NA	356	NA	NA
Mercury	0.18	0.81	**0.25**	0.017 U	0.019 U	**0.65**	0.017 U	0.020 U
Nickel	30	310	NA	NA	NA	19.4	NA	NA
Potassium	NS	NS	NA	NA	NA	1,780	NA	NA
Selenium	3.9	180	3.4 U	3.1 U	4 U	1.2 J	3.4 U	3.5 U
Silver	2	180	1.7 U	1.6 U	2 U	1.6 U	1.7 U	1.7 U
Sodium	NS	NS	NA	NA	NA	269 J	NA	NA
Thallium	NS	NS	NA	NA	NA	3.3 U	NA	NA
Vanadium	NS	NS	NA	NA	NA	21.4	NA	NA
Zinc	109	10000	NA	NA	NA	**1040**	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A4(18-20)-20170425	SSB-A4(23-25)-20170425	SSB-A5(3-5)-20170425	SSB-A5(8-10)-20170425	SSB-A5(13-15)-20170425	SSB-A5(18-20)-20170425
Lab Sample ID	Part 375	Part 375	460-132231-19	460-132231-20	460-132231-21	460-132231-22	460-132231-23	460-132231-24
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	6,400	NA	NA	NA
Antimony	NS	NS	NA	NA	3.4 U	NA	NA	NA
Arsenic	13	16	1.3 J	1.2 J	3	2.5 J	0.87 J	0.8 J
Barium	350	400	68.6	22.2 J	17.3 J	13.2 J	43.5	26 J
Beryllium	7.2	72	NA	NA	0.38	NA	NA	NA
Cadmium	2.5	4.3	0.68 U	0.63 U	0.69 U	0.76 U	0.64 U	0.64 U
Calcium	NS	NS	NA	NA	612 J	NA	NA	NA
Chromium, Total	30***	180***	19.2	5.5	9	7.8	12.8	7.1
Cobalt	NS	NS	NA	NA	5.4 J	NA	NA	NA
Copper	50	270	NA	NA	9.2	NA	NA	NA
Iron	NS	NS	NA	NA	15600	NA	NA	NA
Lead	63	400	**205**	5	31	4	4	3
Magnesium	NS	NS	NA	NA	2,410	NA	NA	NA
Manganese	1600	2000	NA	NA	304	NA	NA	NA
Mercury	0.18	0.81	0.018 U	0.018 U	0.020	0.019 U	0.019 U	0.016 U
Nickel	30	310	NA	NA	12.3	NA	NA	NA
Potassium	NS	NS	NA	NA	634 J	NA	NA	NA
Selenium	3.9	180	3.4 U	3.1 U	3.4 U	3.8 U	3.2 U	3.2 U
Silver	2	180	1.7 U	1.6 U	1.7 U	1.9 U	1.6 U	1.6 U
Sodium	NS	NS	NA	NA	858 U	NA	NA	NA
Thallium	NS	NS	NA	NA	3.4 U	NA	NA	NA
Vanadium	NS	NS	NA	NA	12.5	NA	NA	NA
Zinc	109	10000	NA	NA	37.2	NA	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-A5(23-25)-20170425 460-132231-25 4/25/2017 1 And 4	SSB-A6(3-5)-20170425 460-132231-26 4/25/2017 1 And 4 And 40	SSB-XX(3-5)-20170425 460-132231-27 4/25/2017 1 And 4 And 40	SSB-A6(8-10)-20170425 460-132231-28 4/25/2017 1 And 4	SSB-A6(13-15)-20170425 460-132231-29 4/25/2017 1 And 4	SSB-A6(18-20)-20170425 460-132231-30 4/25/2017 1 And 4
Aluminum	**NS**	**NS**	NA	7,550	7,120	NA	NA	NA
Antimony	**NS**	**NS**	NA	35.9 U	3.5 U	NA	NA	NA
Arsenic	**13**	**16**	1.2 J	3.5	3.7	2.3 J	2 J	1.2 J
Barium	**350**	**400**	46.7	38.1	43.4	73.7	67	56.8
Beryllium	**7.2**	**72**	NA	3.6 U	0.44	NA	NA	NA
Cadmium	**2.5**	**4.3**	0.65 U	0.72 U	0.71 U	0.68 U	0.66 U	0.66 U
Calcium	**NS**	**NS**	NA	3,330 J	3,690	NA	NA	NA
Chromium, Total	**30*** **	**180*** **	8.4	15.6	12.5	28.5	20.2	12
Cobalt	**NS**	**NS**	NA	89.7 U	5.6 J	NA	NA	NA
Copper	**50**	**270**	NA	21.9 J	21.8	NA	NA	NA
Iron	**NS**	**NS**	NA	18000	16000	NA	NA	NA
Lead	**63**	**400**	6	**8,510**	**9,990**	8	6	3
Magnesium	**NS**	**NS**	NA	2,770 J	2,620	NA	NA	NA
Manganese	**1600**	**2000**	NA	314	289	NA	NA	NA
Mercury	**0.18**	**0.81**	0.011 J	**0.19**	**0.22**	0.018 U	0.017 U	0.018 U
Nickel	**30**	**310**	NA	13.8 J	12.2	NA	NA	NA
Potassium	**NS**	**NS**	NA	798 J	714 J	NA	NA	NA
Selenium	**3.9**	**180**	3.2 U	3.6 U	3.5 U	3.4 U	3.3 U	3.3 U
Silver	**2**	**180**	1.6 U	1.8 U	1.8 U	1.7 U	1.6 U	1.6 U
Sodium	**NS**	**NS**	NA	8970 U	887 U	NA	NA	NA
Thallium	**NS**	**NS**	NA	35.9 U	3.5 U	NA	NA	NA
Vanadium	**NS**	**NS**	NA	18 J	17.2	NA	NA	NA
Zinc	**109**	**10000**	NA	60.1	61.8	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-A6(23-25)-20170425	SSB-A6(28-30)-20170425	SSB-A6(33-35)-20170425	SSB-B1(3-5)-20170424	SSB-B1(8-10)-20170424	SSB-B1(13-15)-20170424
Lab Sample ID	Part 375	Part 375	460-132231-31	460-132231-32	460-132231-33	460-132206-1	460-132206-2	460-132206-3
Date Sampled	Unrestricted	Restricted	4/25/2017	4/25/2017	4/25/2017	4/24/2017	4/24/2017	4/24/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	6,930	NA	NA
Antimony	NS	NS	NA	NA	NA	3.2 U	NA	NA
Arsenic	13	16	1.7 J	0.97 J	2.3 U	1.1 J	3.3	4.3
Barium	350	400	41	18.1 J	26.4 J	16.5 J	57.9	61
Beryllium	7.2	72	NA	NA	NA	0.32 U	NA	NA
Cadmium	2.5	4.3	0.65 U	0.64 U	0.61 U	0.64 U	0.71 U	0.66 U
Calcium	NS	NS	NA	NA	NA	15,900	NA	NA
Chromium, Total	30***	180***	14.4	5.4	7.2	4.9	13.9	11
Cobalt	NS	NS	NA	NA	NA	8.9	NA	NA
Copper	50	270	NA	NA	NA	**336**	NA	NA
Iron	NS	NS	NA	NA	NA	20300	NA	NA
Lead	63	400	6	3	4	61	**1,750**	**133**
Magnesium	NS	NS	NA	NA	NA	8,690	NA	NA
Manganese	1600	2000	NA	NA	NA	168	NA	NA
Mercury	0.18	0.81	0.011 J	0.017 U	0.017 U	0.031	**0.39**	0.089
Nickel	30	310	NA	NA	NA	7.5	NA	NA
Potassium	NS	NS	NA	NA	NA	780 J	NA	NA
Selenium	3.9	180	3.3 U	3.2 U	3 U	3.2 U	3.5 U	3.3 U
Silver	2	180	1.6 U	1.6 U	1.5 U	1.6 U	1.8 U	1.7 U
Sodium	NS	NS	NA	NA	NA	606 J	NA	NA
Thallium	NS	NS	NA	NA	NA	3.2 U	NA	NA
Vanadium	NS	NS	NA	NA	NA	41	NA	NA
Zinc	109	10000	NA	NA	NA	31	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-B1(18-20)-20170424	SSB-B1(23-25)-20170424	SSB-B2(3-5)-20170424	SSB-B2(8-10)-20170424	SSB-X(8-10)-20170424	SSB-B2(13-15)-20170424
Lab Sample ID	Part 375	Part 375	460-132206-4	460-132206-5	460-132206-6	460-132206-7	460-132206-8	460-132206-9
Date Sampled	Unrestricted	Restricted	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4 And 80	3 And 4	3 And 4	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	1.6 J	1.4 J	4.4	**14.6**	**22.2**	1 J
Barium	350	400	30.7 J	43.1	82.3	242	311	15.8 J
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.66 U	0.68 U	0.55 J	0.36 J	0.7 U	0.62 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	8.1	**43.3**	11.1	16.8	21.7	7.8
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	**70**	5	**24,700**	**1,860**	**1,910**	3
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.027	0.018 U	**0.22**	**1.4**	**1.4**	0.013 J
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.3 U	3.4 U	3.4 U	1.3 J	2.3 J	3.1 U
Silver	2	180	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.6 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-B2(18-20)-20170424 460-132206-10 4/24/2017 1 And 4	SSB-B2(23-25)-20170424 460-132206-11 4/24/2017 1 And 4	SSB-B3(3-5)-20170424 460-132206-12 4/24/2017 1 And 4 And 40	SSB-B3(8-10)-20170424 460-132206-13 4/24/2017 1 And 4 And 40	SSB-B3(13-15)-20170424 460-132206-14 4/24/2017 1 And 4	SSB-B4(3-5)-20170424 460-132206-15 4/24/2017 1 And 4
Aluminum	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Antimony	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Arsenic	**13**	**16**	2.7 J	0.93 J	8.5	3.7	1.1 J	3.9
Barium	**350**	**400**	66.5	21.8 J	212	86.8	42	33.5 J
Beryllium	**7.2**	**72**	NA	NA	NA	NA	NA	NA
Cadmium	**2.5**	**4.3**	0.74 U	0.69 U	0.75 U	0.43 J	0.69 U	0.65 J
Calcium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Chromium, Total	**30*** **	**180*** **	18.3	6.4	19.2	15.2	10.2	10.5
Cobalt	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Copper	**50**	**270**	NA	NA	NA	NA	NA	NA
Iron	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Lead	**63**	**400**	18	4	**8,250**	**10,700**	6	**3,210**
Magnesium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Manganese	**1600**	**2000**	NA	NA	NA	NA	NA	NA
Mercury	**0.18**	**0.81**	0.023	0.017 U	0.13	**0.54**	0.020	0.046
Nickel	**30**	**310**	NA	NA	NA	NA	NA	NA
Potassium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Selenium	**3.9**	**180**	3.7 U	3.5 U	2 J	3.5 U	3.5 U	3.4 U
Silver	**2**	**180**	1.8 U	1.7 U	1.9 U	1.8 U	1.7 U	1.7 U
Sodium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Thallium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Vanadium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Zinc	**109**	**10000**	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-B4(8-10)-20170424	SSB-B4(13-15)-20170424	SSB-B4(18-20)-20170424	SSB-B4(23-25)-20170424	SSB-B5(3-5)-20170424	SSB-XX(3-5)-20170424
Lab Sample ID	Part 375	Part 375	460-132206-16	460-132206-17	460-132206-18	460-132206-19	460-132206-20	460-132206-21
Date Sampled	Unrestricted	Restricted	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	1.6 J	1 J	1.9 J	1.4 J	1.1 J	1.2 J
Barium	350	400	33.3 J	31.5 J	33.9	28.4 J	37.9	49.4
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.68 U	0.66 U	0.65 U	0.67 U	0.65 U	0.65 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	15.7	8.5	17.3	7.4	12.2	15.7
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	4	34	8	6	46	59
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.018 U	0.016 U	0.017	0.041	0.025 J	0.011 J
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.4 U	3.3 U	3.2 U	3.3 U	3.3 U	3.2 U
Silver	2	180	1.7 U	1.7 U	1.6 U	1.7 U	1.6 U	1.6 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-B5(8-10)-20170424 460-132206-22 4/24/2017 2 And 4 And 40	SSB-B5(13-15)-20170424 460-132206-23 4/24/2017 1 And 4	SSB-B5(18-20)-20170424 460-132206-24 4/24/2017 1 And 4	SSB-B5(23-25)-20170424 460-132206-25 4/24/2017 1 And 4	SSB-B6(3-5)-20170424 460-132206-26 4/24/2017 1 And 4	SSB-B6(8-10)-20170424 460-132206-27 4/24/2017 1 And 4
Aluminum	NS	NS	NA	NA	NA	NA	6,810	NA
Antimony	NS	NS	NA	NA	NA	NA	3.3 U	NA
Arsenic	13	16	4.1	0.98 J	0.84 J	0.98 J	2.6	1.8 J
Barium	350	400	128	73.7	18.2 J	22.9 J	22.3 J	64.1
Beryllium	7.2	72	NA	NA	NA	NA	0.43	NA
Cadmium	2.5	4.3	1	0.67 U	0.61 U	0.65 U	0.66 U	0.64 U
Calcium	NS	NS	NA	NA	NA	NA	1,020	NA
Chromium, Total	30***	180***	17.6	29.4	7.8	6.1	10.8	15.6
Cobalt	NS	NS	NA	NA	NA	NA	5.8 J	NA
Copper	50	270	NA	NA	NA	NA	14.4	NA
Iron	NS	NS	NA	NA	NA	NA	16000	NA
Lead	63	400	**27,100**	5	3	4	14	4
Magnesium	NS	NS	NA	NA	NA	NA	2,370	NA
Manganese	1600	2000	NA	NA	NA	NA	476	NA
Mercury	0.18	0.81	**1.0**	0.018 U	0.017 U	0.018 U	0.019 U	0.016 U
Nickel	30	310	NA	NA	NA	NA	12.8	NA
Potassium	NS	NS	NA	NA	NA	NA	914	NA
Selenium	3.9	180	3.4 U	3.3 U	3 U	3.3 U	3.3 U	3.2 U
Silver	2	180	1.7 U	1.7 U	1.5 U	1.6 U	1.7 U	1.6 U
Sodium	NS	NS	NA	NA	NA	NA	828 U	NA
Thallium	NS	NS	NA	NA	NA	NA	3.3 U	NA
Vanadium	NS	NS	NA	NA	NA	NA	15.8	NA
Zinc	109	10000	NA	NA	NA	NA	34	NA

Table 6
Soil Analytical Results for Metals
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Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-B6(13-15)-20170424 460-132206-28 4/24/2017 1 And 4	SSB-B6(18-20)-20170424 460-132206-29 4/24/2017 1 And 4	SSB-B6(23-25)-20170424 460-132206-30 4/24/2017 1 And 4	SSB-B6(26-28)-20170424 460-132206-31 4/24/2017 1 And 4	SSB-C1(3-5)-20170421 460-132063-1 4/21/2017 1 And 4	SSB-C1(8-10)-20170421 460-132063-2 4/21/2017 1 And 4
Aluminum	**NS**	**NS**	NA	NA	NA	NA	6,090	NA
Antimony	**NS**	**NS**	NA	NA	NA	NA	3.3 U	NA
Arsenic	**13**	**16**	0.96 J	2.2 U	0.79 J	1.4 J	4.2	4.4
Barium	**350**	**400**	18.5 J	22 J	21.2 J	26.8 J	67.8	66
Beryllium	**7.2**	**72**	NA	NA	NA	NA	0.4	NA
Cadmium	**2.5**	**4.3**	0.63 U	0.58 U	0.63 U	0.65 U	0.66 U	0.66 U
Calcium	**NS**	**NS**	NA	NA	NA	NA	11,000	NA
Chromium, Total	**30*** **	**180*** **	9.2	3	5.4	10.3	12.9	17.1
Cobalt	**NS**	**NS**	NA	NA	NA	NA	8.7	NA
Copper	**50**	**270**	NA	NA	NA	NA	36.4	NA
Iron	**NS**	**NS**	NA	NA	NA	NA	18400	NA
Lead	**63**	**400**	4	3	5	7	**211**	**429**
Magnesium	**NS**	**NS**	NA	NA	NA	NA	3,880	NA
Manganese	**1600**	**2000**	NA	NA	NA	NA	263	NA
Mercury	**0.18**	**0.81**	0.016 U	0.016 U	0.017 U	0.016 U	**0.60**	**0.30**
Nickel	**30**	**310**	NA	NA	NA	NA	18.6	NA
Potassium	**NS**	**NS**	NA	NA	NA	NA	1,460	NA
Selenium	**3.9**	**180**	3.2 U	2.9 U	3.2 U	3.2 U	3.3 U	3.3 U
Silver	**2**	**180**	1.6 U	1.4 U	1.6 U	1.6 U	1.7 U	1.6 U
Sodium	**NS**	**NS**	NA	NA	NA	NA	218 J	NA
Thallium	**NS**	**NS**	NA	NA	NA	NA	3.3 U	NA
Vanadium	**NS**	**NS**	NA	NA	NA	NA	25.3	NA
Zinc	**109**	**10000**	NA	NA	NA	NA	106	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C1(13-15)-20170421	SSB-C1(18-20)-20170421	SSB-C1(23-25)-20170421	SSB-C2(2-4)-20170421	SSB-X(2-4)-20170421	SSB-C2(8-10)-20170421
Lab Sample ID	Part 375	Part 375	460-132063-3	460-132063-4	460-132063-5	460-132063-6	460-132063-7	460-132063-8
Date Sampled	Unrestricted	Restricted	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential	1 And 4 And 40	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4 And 40
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	2.9	2.3 J	2.5 U	2.7	3	2 J
Barium	350	400	**2210**	53.6	26.6 J	47.2	57.8	60.1
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.72 U	0.69 U	0.67 U	0.67 U	0.7 U	0.7 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	14.3	13.1	5	11.8	14.6	11.9
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	**7,360**	**102**	5	**118 J**	**168 J**	**6,020**
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	**0.29**	0.033	0.017 U	**0.22 J**	0.12 J	0.11
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.6 U	3.5 U	3.3 U	3.3 U	3.5 U	3.5 U
Silver	2	180	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C2(13-15)-20170421	SSB-C2(18-20)-20170421	SSB-C2(23-25)-20170421	SSB-C3(3-5)-20170421	SSB-C3(8-10)-20170421	SSB-C3(13-15)-20170421
Lab Sample ID	Part 375	Part 375	460-132063-9	460-132063-10	460-132063-11	460-132063-12	460-132063-13	460-132063-14
Date Sampled	Unrestricted	Restricted	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	1 J	1.3 J	1.2 J	2.7 J	3.7	3.1 U
Barium	350	400	32.2 J	28.2 J	53.5	76.5	83.8	20.3 J
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.72 U	0.63 U	0.62 U	0.89 U	0.93 U	0.82 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	6.8	8.9	6.3	15	23.6	7.7
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	5	4	2	**864**	14	4
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.019 U	0.016 U	0.016 U	0.042	0.017 J	0.016 U
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.6 U	3.2 U	3.1 U	4.5 U	4.7 U	4.1 U
Silver	2	180	1.8 U	1.6 U	1.5 U	2.2 U	2.3 U	2 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C3(18-20)-20170421	SSB-C3(23-25)-20170421	SSB-C4(3-5)-20170421	SSB-C4(8-10)-20170421	SSB-C4(13-15)-20170421	SSB-C4(18-20)-20170421
Lab Sample ID	Part 375	Part 375	460-132063-15	460-132063-16	460-132063-17	460-132063-18	460-132063-19	460-132063-20
Date Sampled	Unrestricted	Restricted	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	3.1 U	3 U	2.4 J	1.4 J	3.2 U	3.1 U
Barium	350	400	20.8 J	24.2 J	36.8 J	73.4	43.2	21.7 J
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.83 U	0.81 U	0.84 U	0.89 U	0.85 U	0.83 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	6.8	7.3	10.1	29.7	12.5	6
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	3	5	**343**	**132**	6	3
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.016 U	0.017 U	0.016	0.019 U	0.017 U	0.016 U
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	4.2 U	4 U	4.2 U	4.5 U	4.2 U	4.2 U
Silver	2	180	2.1 U	2 U	2.1 U	2.2 U	2.1 U	2.1 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-C4(23-25)-20170421	SSB-C5(3-5)-20170421	SSB-XX(3-5)-20170421	SSB-C5(8-10)-20170421	SSB-C5(13-15)-20170421	SSB-C5(18-20)-20170421
Lab Sample ID	Part 375	Part 375	460-132063-21	460-132063-22	460-132063-23	460-132063-24	460-132063-25	460-132063-26
Date Sampled	Unrestricted	Restricted	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017	4/21/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	2.3 U	4.4 J	2.7 J	1.2 J	0.96 J	2.4 U
Barium	350	400	23 J	106 J	56.3 J	36.6	22.3 J	26.2 J
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.61 U	0.77 U	0.74 U	0.66 U	0.64 U	0.64 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	8.1	10.6	9	8.8	12.4	7.9
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	4	29 JL	**297 J**	6	3	7
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.017 U	0.042	0.018 U	0.017 U	0.016 U	0.017 U
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.1 U	3.9 U	3.7 U	3.3 U	3.2 U	3.2 U
Silver	2	180	1.5 U	1.9 U	1.8 U	1.6 U	1.6 U	1.6 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-C5(23-25)-20170421 460-132063-27 4/21/2017 1 And 4	SSB-C5(26-28)-20170421 460-132063-28 4/21/2017 1 And 4	SSB-C6(3-5)-20170421 460-132063-29 4/21/2017 1 And 4	SSB-C6(7-9)-20170421 460-132063-30 4/21/2017 1 And 4 And 40	SSB-D1(3-5)-20170420 460-131963-1 4/20/2017 1 And 4	SSB-D1(8-10)-20170420 460-131963-2 4/20/2017 1 And 4 And 40
Aluminum	**NS**	**NS**	NA	NA	7,730	NA	NA	NA
Antimony	**NS**	**NS**	NA	NA	3.6 U	NA	NA	NA
Arsenic	**13**	**16**	1.1 J	1.2 J	3	1.5 J	4.6	2.6
Barium	**350**	**400**	26.3 J	25.6 J	89	65.8	71.6	59.7
Beryllium	**7.2**	**72**	NA	NA	0.49	NA	NA	NA
Cadmium	**2.5**	**4.3**	0.62 U	0.62 U	0.71 U	**48.9**	0.69 U	0.69 U
Calcium	**NS**	**NS**	NA	NA	6,020	NA	NA	NA
Chromium, Total	**30*** **	**180*** **	7	7.7	16.2	14	13.7	12.2
Cobalt	**NS**	**NS**	NA	NA	4.6 J	NA	NA	NA
Copper	**50**	**270**	NA	NA	23.6	NA	NA	NA
Iron	**NS**	**NS**	NA	NA	14600	NA	NA	NA
Lead	**63**	**400**	5	6	**174**	**7,380**	**389**	**10,500**
Magnesium	**NS**	**NS**	NA	NA	2,380	NA	NA	NA
Manganese	**1600**	**2000**	NA	NA	280	NA	NA	NA
Mercury	**0.18**	**0.81**	0.016 U	0.016 U	**0.43**	0.018 U	**0.36**	0.099
Nickel	**30**	**310**	NA	NA	11.4	NA	NA	NA
Potassium	**NS**	**NS**	NA	NA	820 J	NA	NA	NA
Selenium	**3.9**	**180**	3.1 U	3.1 U	3.6 U	3.3 U	3.5 U	3.4 U
Silver	**2**	**180**	1.6 U	1.5 U	1.8 U	1.6 U	1.7 U	1.7 U
Sodium	**NS**	**NS**	NA	NA	92.6 J	NA	NA	NA
Thallium	**NS**	**NS**	NA	NA	3.6 U	NA	NA	NA
Vanadium	**NS**	**NS**	NA	NA	22.1	NA	NA	NA
Zinc	**109**	**10000**	NA	NA	88.4	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D1(13-15)-20170420	SSB-D1(18-20)-20170420	SSB-D1(23-25)-20170420	SSB-D2(3-5)-20170420	SSB-D2(8-10)-20170420	SSB-X(8-10)-20170420
Lab Sample ID	Part 375	Part 375	460-131963-3	460-131963-4	460-131963-5	460-131963-6	460-131963-7	460-131963-8
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4 And 40	1 And 4	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	NA	NA	8,080	NA	NA
Antimony	NS	NS	NA	NA	NA	34.9 U	NA	NA
Arsenic	13	16	1.1 J	2.5 U	2.6 U	4.3	1.7 J	1.4 J
Barium	350	400	38.7	26.6 J	29.1 J	149	48.9	48.5
Beryllium	7.2	72	NA	NA	NA	3.5 U	NA	NA
Cadmium	2.5	4.3	0.62 U	0.67 U	0.68 U	0.7 U	0.74 U	0.73 U
Calcium	NS	NS	NA	NA	NA	23,200	NA	NA
Chromium, Total	30***	180***	22.9	5.6	6.8	12.7	17.8	16.6
Cobalt	NS	NS	NA	NA	NA	87.2 U	NA	NA
Copper	50	270	NA	NA	NA	20.2 J	NA	NA
Iron	NS	NS	NA	NA	NA	14000	NA	NA
Lead	63	400	38	3	2	**22,400**	20 J	7 J
Magnesium	NS	NS	NA	NA	NA	4,860 J	NA	NA
Manganese	1600	2000	NA	NA	NA	402	NA	NA
Mercury	0.18	0.81	0.017 U	0.018 U	0.016 U	0.16	0.019 U	0.02 U
Nickel	30	310	NA	NA	NA	16.1 J	NA	NA
Potassium	NS	NS	NA	NA	NA	1,650 J	NA	NA
Selenium	3.9	180	3.1 U	3.4 U	3.4 U	3.5 U	3.7 U	3.7 U
Silver	2	180	1.6 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U
Sodium	NS	NS	NA	NA	NA	622 J	NA	NA
Thallium	NS	NS	NA	NA	NA	34.9 U	NA	NA
Vanadium	NS	NS	NA	NA	NA	19.4 J	NA	NA
Zinc	109	10000	NA	NA	NA	84.9	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D2(13-15)-20170420	SSB-D2(18-20)-20170420	SSB-D2(23-25)-20170420	SSB-D3(3-5)-20170420	SSB-D3(8-10)-20170420	SSB-D3(13-15)-20170420
Lab Sample ID	Part 375	Part 375	460-131963-9	460-131963-10	460-131963-11	460-131963-12	460-131963-13	460-131963-14
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	8,240	NA	NA
Antimony	NS	NS	NA	NA	NA	3.6 U	NA	NA
Arsenic	13	16	2.5 U	2.5 U	1.1 J	2.7 U	3.2	1.8 J
Barium	350	400	57.3	29.1 J	28.7 J	65.8	70.9	50.3
Beryllium	7.2	72	NA	NA	NA	0.61	NA	NA
Cadmium	2.5	4.3	0.67 U	0.67 U	0.63 U	0.71 U	0.72 U	0.7 U
Calcium	NS	NS	NA	NA	NA	4,840	NA	NA
Chromium, Total	30***	180***	11.9	5.3	6.5	19.1	18.4	26.3
Cobalt	NS	NS	NA	NA	NA	8.8 J	NA	NA
Copper	50	270	NA	NA	NA	25.4	NA	NA
Iron	NS	NS	NA	NA	NA	17900	NA	NA
Lead	63	400	5	3	3	17	16	49
Magnesium	NS	NS	NA	NA	NA	4,680	NA	NA
Manganese	1600	2000	NA	NA	NA	332	NA	NA
Mercury	0.18	0.81	0.019 U	0.016 U	0.016 U	0.020 U	0.017 J	0.015 J
Nickel	30	310	NA	NA	NA	23.5	NA	NA
Potassium	NS	NS	NA	NA	NA	3,530	NA	NA
Selenium	3.9	180	3.3 U	3.4 U	3.2 U	3.6 U	3.6 U	3.5 U
Silver	2	180	1.7 U	1.7 U	1.6 U	1.8 U	1.8 U	1.8 U
Sodium	NS	NS	NA	NA	NA	215 J	NA	NA
Thallium	NS	NS	NA	NA	NA	3.6 U	NA	NA
Vanadium	NS	NS	NA	NA	NA	27.3	NA	NA
Zinc	109	10000	NA	NA	NA	50.8	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-D3(18-20)-20170420 460-131963-15 4/20/2017 1 And 4	SSB-D3(23-25)-20170420 460-131963-16 4/20/2017 1 And 4	SSB-D4(3-5)-20170420 460-131963-17 4/20/2017 1 And 4 And 40	SSB-D4(8-10)-20170420 460-131963-18 4/20/2017 1 And 4	SSB-D4(13-15)-20170420 460-131963-19 4/20/2017 1 And 4	SSB-D4(18-20)-20170420 460-131963-20 4/20/2017 1 And 4
Aluminum	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Antimony	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Arsenic	**13**	**16**	2.4 U	0.91 J	2 J	5.7	2.4 U	1.1 J
Barium	**350**	**400**	22.1 J	25.6 J	116	66.1	22.4 J	24 J
Beryllium	**7.2**	**72**	NA	NA	NA	NA	NA	NA
Cadmium	**2.5**	**4.3**	0.65 U	0.61 U	0.68 U	0.66 U	0.64 U	0.62 U
Calcium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Chromium, Total	**30*** **	**180*** **	6.1	5.5	13.8	18.4	6.4	6
Cobalt	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Copper	**50**	**270**	NA	NA	NA	NA	NA	NA
Iron	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Lead	**63**	**400**	4	4	**5,660**	11	4	5
Magnesium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Manganese	**1600**	**2000**	NA	NA	NA	NA	NA	NA
Mercury	**0.18**	**0.81**	0.016 U	0.017 U	0.11	0.018	0.016 U	0.017 U
Nickel	**30**	**310**	NA	NA	NA	NA	NA	NA
Potassium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Selenium	**3.9**	**180**	3.2 U	3.1 U	3.4 U	3.3 U	3.2 U	3.1 U
Silver	**2**	**180**	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U
Sodium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Thallium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Vanadium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Zinc	**109**	**10000**	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D4(23-25)-20170420	SSB-D5(3-5)-20170420	SSB-D5(8-10)-20170420	SSB-D5(13-15)-20170420	SSB-XX(13-15)-20170420	SSB-D5(18-20)-20170420
Lab Sample ID	Part 375	Part 375	460-131963-21	460-131963-22	460-131963-23	460-131963-24	460-131963-25	460-131963-26
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4 And 40	1 And 4	1 And 4	1 And 4	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	1.2 J	3.2	2.4 U	2.4 U	2.4 U	1.7 J
Barium	350	400	23.7 J	257	21 J	15.7 J	25 J	33.6
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.64 U	0.65 U	0.65 U	0.64 U	0.65 U	0.66 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	9	12.2	8.5	7.3 J	12.6 J	9.3
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	4	**7,660**	6	4	5	13
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.016 U	0.16	0.016 U	0.017 U	0.017 U	0.017 U
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.2 U	3.3 U	3.2 U	3.2 U	3.3 U	3.3 U
Silver	2	180	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.7 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-D5(22-24)-20170420	SSB-D6(3-5)-20170420	SSB-D6(8-10)-20170420	SSB-D6(13-15)-20170420	SSB-D6(18-20)-20170420	SSB-D6(23-25)-20170420
Lab Sample ID	Part 375	Part 375	460-131963-27	460-131963-28	460-131963-29	460-131963-30	460-131963-31	460-131963-32
Date Sampled	Unrestricted	Restricted	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017	4/20/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	9,360	NA	NA	NA	NA
Antimony	NS	NS	NA	3.4 U	NA	NA	NA	NA
Arsenic	13	16	1 J	4	5	1.2 J	1.8 J	0.94 J
Barium	350	400	24 J	133	170	28.1 J	31.1 J	32.9
Beryllium	7.2	72	NA	0.55	NA	NA	NA	NA
Cadmium	2.5	4.3	0.62 U	0.68 U	0.68 U	0.63 U	0.63 U	0.64 U
Calcium	NS	NS	NA	24,400	NA	NA	NA	NA
Chromium, Total	30***	180***	5.5	**32.3**	21.1	6.2	5.7	6.4
Cobalt	NS	NS	NA	9.9	NA	NA	NA	NA
Copper	50	270	NA	**69.7**	NA	NA	NA	NA
Iron	NS	NS	NA	17600	NA	NA	NA	NA
Lead	63	400	3	**880**	**795**	4	4	4
Magnesium	NS	NS	NA	8,710	NA	NA	NA	NA
Manganese	1600	2000	NA	516	NA	NA	NA	NA
Mercury	0.18	0.81	0.016 U	0.15	**0.27 JL**	0.018 U	0.017 U	0.017 U
Nickel	30	310	NA	**39.2**	NA	NA	NA	NA
Potassium	NS	NS	NA	3,830	NA	NA	NA	NA
Selenium	3.9	180	3.1 U	3.4 U	3.4 U	3.2 U	3.2 U	3.2 U
Silver	2	180	1.5 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
Sodium	NS	NS	NA	245 J	NA	NA	NA	NA
Thallium	NS	NS	NA	3.4 U	NA	NA	NA	NA
Vanadium	NS	NS	NA	27.5	NA	NA	NA	NA
Zinc	109	10000	NA	86.5	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-D6(28-30)-20170420 460-131963-33 4/20/2017 1 And 4	SSB-E1(3-5)-20170419 460-131962-1 4/19/2017 1 And 4	SSB-E1(8-10)-20170419 460-131962-2 4/19/2017 1 And 4	SSB-E1(13-15)-20170419 460-131962-3 4/19/2017 1 And 4	SSB-E1(18-20)-20170419 460-131962-4 4/19/2017 1 And 4	SSB-E1(23-25)-20170419 460-131962-5 4/19/2017 1 And 4
Aluminum	**NS**	**NS**	NA	5,290	NA	NA	NA	NA
Antimony	**NS**	**NS**	NA	3.2 U	NA	NA	NA	NA
Arsenic	**13**	**16**	1.2 J	2.3 J	1.9 J	1.2 J	2.5 U	0.8 J
Barium	**350**	**400**	29 J	63.5	117	74	28.1 J	25.2 J
Beryllium	**7.2**	**72**	NA	0.33	NA	NA	NA	NA
Cadmium	**2.5**	**4.3**	0.62 U	0.64 U	0.7 U	0.65 U	0.65 U	0.6 U
Calcium	**NS**	**NS**	NA	7,700	NA	NA	NA	NA
Chromium, Total	**30*** **	**180*** **	7.6	17.3	24.1	18.9	5.2	5.5
Cobalt	**NS**	**NS**	NA	7.4 J	NA	NA	NA	NA
Copper	**50**	**270**	NA	17.8	NA	NA	NA	NA
Iron	**NS**	**NS**	NA	11700	NA	NA	NA	NA
Lead	**63**	**400**	9	**409**	**2,450**	3	4	4
Magnesium	**NS**	**NS**	NA	6,850	NA	NA	NA	NA
Manganese	**1600**	**2000**	NA	398	NA	NA	NA	NA
Mercury	**0.18**	**0.81**	0.016 U	0.053	0.015 J	0.017 U	0.017 U	0.017 U
Nickel	**30**	**310**	NA	**55.8**	NA	NA	NA	NA
Potassium	**NS**	**NS**	NA	1,230	NA	NA	NA	NA
Selenium	**3.9**	**180**	3.1 U	3.2 U	3.5 U	3.2 U	3.3 U	3 U
Silver	**2**	**180**	1.6 U	1.6 U	1.7 U	1.6 U	1.6 U	1.5 U
Sodium	**NS**	**NS**	NA	175 J	NA	NA	NA	NA
Thallium	**NS**	**NS**	NA	3.2 U	NA	NA	NA	NA
Vanadium	**NS**	**NS**	NA	16.5	NA	NA	NA	NA
Zinc	**109**	**10000**	NA	61.1	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-E1(26-28)-20170419	SSB-E2(3-5)-20170419	SSB-E2(8-10)-20170419	SSB-X(8-10)-20170419	SSB-E2(13-15)-20170419	SSB-E2(18-20)-20170419
Lab Sample ID	Part 375	Part 375	460-131962-6	460-131962-7	460-131962-8	460-131962-9	460-131962-10	460-131962-11
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	7,480	NA	NA	NA	NA
Antimony	NS	NS	NA	3.1 U	NA	NA	NA	NA
Arsenic	13	16	2.3 U	2.3 U	4	4.6	1.5 J	1.2 J
Barium	350	400	23.3 J	57.3	129 J	68.9 J	27.9 J	26.4 J
Beryllium	7.2	72	NA	0.42	NA	NA	NA	NA
Cadmium	2.5	4.3	0.61 U	0.63 U	0.68 U	0.65 U	0.62 U	0.65 U
Calcium	NS	NS	NA	1,410	NA	NA	NA	NA
Chromium, Total	30***	180***	5.7	17	16.4	16.9	11	7.1
Cobalt	NS	NS	NA	8.3	NA	NA	NA	NA
Copper	50	270	NA	17.5	NA	NA	NA	NA
Iron	NS	NS	NA	15200	NA	NA	NA	NA
Lead	63	400	3	5	13	12	6	6
Magnesium	NS	NS	NA	3,720	NA	NA	NA	NA
Manganese	1600	2000	NA	550	NA	NA	NA	NA
Mercury	0.18	0.81	0.016 U	0.017 U	0.026	0.021	0.017 U	0.016 U
Nickel	30	310	NA	22	NA	NA	NA	NA
Potassium	NS	NS	NA	2,330	NA	NA	NA	NA
Selenium	3.9	180	3 U	3.1 U	3.4 U	3.3 U	3.1 U	3.2 U
Silver	2	180	1.5 U	1.6 U	1.7 U	1.6 U	1.6 U	1.6 U
Sodium	NS	NS	NA	106 J	NA	NA	NA	NA
Thallium	NS	NS	NA	3.1 U	NA	NA	NA	NA
Vanadium	NS	NS	NA	24	NA	NA	NA	NA
Zinc	109	10000	NA	51.3	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-E2(23-25)-20170419	SSB-E2(26-28)-20170419	SSB-E3(3-5)-20170419	SSB-E3(8-10)-20170419	SSB-E3(13-15)-20170419	SSB-E3(18-20)-20170419
Lab Sample ID	Part 375	Part 375	460-131962-12	460-131962-13	460-131962-14	460-131962-15	460-131962-16	460-131962-17
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	3,490	NA	NA	NA
Antimony	NS	NS	NA	NA	3.3 U	NA	NA	NA
Arsenic	13	16	2.4 U	1.6 J	2.5 U	1.7 J	4.4	1.1 J
Barium	350	400	25.8 J	35.3	21.1 J	74.7	23.8 J	27.1 J
Beryllium	7.2	72	NA	NA	0.33 U	NA	NA	NA
Cadmium	2.5	4.3	0.63 U	0.67 U	0.65 U	0.68 U	0.67 U	0.67 U
Calcium	NS	NS	NA	NA	735 J	NA	NA	NA
Chromium, Total	30***	180***	5.7	15.4	7.9	11.7	7.5	8.3
Cobalt	NS	NS	NA	NA	3.4 J	NA	NA	NA
Copper	50	270	NA	NA	6.8	NA	NA	NA
Iron	NS	NS	NA	NA	7800	NA	NA	NA
Lead	63	400	4	9	24	4 J	5	5
Magnesium	NS	NS	NA	NA	1,510	NA	NA	NA
Manganese	1600	2000	NA	NA	294	NA	NA	NA
Mercury	0.18	0.81	0.016 U	0.018 U	0.016 U	0.017 U	0.017 U	0.017 U
Nickel	30	310	NA	NA	10.3	NA	NA	NA
Potassium	NS	NS	NA	NA	539 J	NA	NA	NA
Selenium	3.9	180	3.1 U	3.4 U	3.3 U	3.4 U	3.4 U	3.3 U
Silver	2	180	1.6 U	1.7 U	1.6 U	1.7 U	1.7 U	1.7 U
Sodium	NS	NS	NA	NA	68.2 J	NA	NA	NA
Thallium	NS	NS	NA	NA	3.3 U	NA	NA	NA
Vanadium	NS	NS	NA	NA	8.5	NA	NA	NA
Zinc	109	10000	NA	NA	16.8	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-E3(23-25)-20170419	SSB-E3(26-28)-20170419	SSB-E4(3-5)-20170419	SSB-E4(8-10)-20170419	SSB-XX(8-10)-20170419	SSB-E4(13-15)-20170419
Lab Sample ID	Part 375	Part 375	460-131962-18	460-131962-19	460-131962-20	460-131962-21	460-131962-32	460-131962-22
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	7,730	NA	NA	NA
Antimony	NS	NS	NA	NA	3.5 U	NA	NA	NA
Arsenic	13	16	2.5 U	1.3 J	2.4 J	0.9 J	1.4 J	0.82 J
Barium	350	400	23.8 J	22.6 J	72.9	58.8	50.5	31.6 J
Beryllium	7.2	72	NA	NA	0.34 J	NA	NA	NA
Cadmium	2.5	4.3	0.67 U	0.63 U	0.7 U	0.63 U	0.63 U	0.65 U
Calcium	NS	NS	NA	NA	22,400	NA	NA	NA
Chromium, Total	30***	180***	7.5	6.1	18.1	14	11.7	6.5
Cobalt	NS	NS	NA	NA	7.4 J	NA	NA	NA
Copper	50	270	NA	NA	19	NA	NA	NA
Iron	NS	NS	NA	NA	15200	NA	NA	NA
Lead	63	400	3	6	**1,640**	7 J	3 J	4
Magnesium	NS	NS	NA	NA	6,190	NA	NA	NA
Manganese	1600	2000	NA	NA	435	NA	NA	NA
Mercury	0.18	0.81	0.016 U	0.017 U	**0.31**	0.018 U	0.017 U	0.016 U
Nickel	30	310	NA	NA	24.2	NA	NA	NA
Potassium	NS	NS	NA	NA	1,950	NA	NA	NA
Selenium	3.9	180	3.3 U	3.2 U	3.5 U	3.2 U	3.1 U	3.3 U
Silver	2	180	1.7 U	1.6 U	1.8 U	1.6 U	1.6 U	1.6 U
Sodium	NS	NS	NA	NA	175 J	NA	NA	NA
Thallium	NS	NS	NA	NA	3.5 U	NA	NA	NA
Vanadium	NS	NS	NA	NA	20.9	NA	NA	NA
Zinc	109	10000	NA	NA	53.6	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-E4(18-20)-20170419	SSB-E4(23-25)-20170419	SSB-E4(27-29)-20170419	SSB-E5(3-5)-20170419	SSB-E5(8-10)-20170419	SSB-E5(13-15)-20170419
Lab Sample ID	Part 375	Part 375	460-131962-23	460-131962-24	460-131962-25	460-131962-26	460-131962-27	460-131962-28
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	9,390	NA	NA
Antimony	NS	NS	NA	NA	NA	3.5 U	NA	NA
Arsenic	13	16	1.4 J	1.2 J	1.1 J	4.3	1.2 J	0.84 J
Barium	350	400	76	28.3 J	29.5 J	133	44.9	20.9 J
Beryllium	7.2	72	NA	NA	NA	0.37	NA	NA
Cadmium	2.5	4.3	0.62 U	0.67 U	0.67 U	0.71 U	0.62 U	0.65 U
Calcium	NS	NS	NA	NA	NA	34,700	NA	NA
Chromium, Total	30***	180***	9.5	6.5	6.8	13.9	12 J	8
Cobalt	NS	NS	NA	NA	NA	3.3 J	NA	NA
Copper	50	270	NA	NA	NA	22.6	NA	NA
Iron	NS	NS	NA	NA	NA	10500	NA	NA
Lead	63	400	4	6	5	**139**	**315**	7
Magnesium	NS	NS	NA	NA	NA	5,380	NA	NA
Manganese	1600	2000	NA	NA	NA	222	NA	NA
Mercury	0.18	0.81	0.017 U	0.017 U	0.017 U	0.12	0.062	0.013 J
Nickel	30	310	NA	NA	NA	10.2	NA	NA
Potassium	NS	NS	NA	NA	NA	977	NA	NA
Selenium	3.9	180	3.1 U	3.3 U	3.3 U	3.5 U	3.1 U	3.3 U
Silver	2	180	1.6 U	1.7 U	1.7 U	1.8 U	1.5 U	1.6 U
Sodium	NS	NS	NA	NA	NA	830 J	NA	NA
Thallium	NS	NS	NA	NA	NA	3.5 U	NA	NA
Vanadium	NS	NS	NA	NA	NA	20.2	NA	NA
Zinc	109	10000	NA	NA	NA	**121**	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-E5(18-20)-20170419	SSB-E5(23-25)-20170419	SSB-E5(28-30)-20170419	SSB-E6(3-5)-20170419	SSB-E6(7-9)-20170419	SSB-E6(13-15)-20170419
Lab Sample ID	Part 375	Part 375	460-131962-29	460-131962-30	460-131962-31	460-131962-33	460-131962-34	460-131962-35
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017	4/19/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4 And 20	1 And 4 And 40	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	NA	NA	7,410	NA	NA
Antimony	NS	NS	NA	NA	NA	3.6 U	NA	NA
Arsenic	13	16	2.4 U	1.1 J	2.2 J	4.5	1.7 J	2.5 U
Barium	350	400	20.3 J	27.3 J	32.4	90.9	54.4	29.7 J
Beryllium	7.2	72	NA	NA	NA	0.48	NA	NA
Cadmium	2.5	4.3	0.64 U	0.65 U	0.65 U	0.72 U	1.1	0.66 U
Calcium	NS	NS	NA	NA	NA	79,200	NA	NA
Chromium, Total	30***	180***	6.2	7.3	7.5	19.1	13.4	11.6
Cobalt	NS	NS	NA	NA	NA	5 J	NA	NA
Copper	50	270	NA	NA	NA	**59.3**	NA	NA
Iron	NS	NS	NA	NA	NA	10800	NA	NA
Lead	63	400	4	5	6	**153**	**15,500**	**157**
Magnesium	NS	NS	NA	NA	NA	17,800	NA	NA
Manganese	1600	2000	NA	NA	NA	254	NA	NA
Mercury	0.18	0.81	0.016 U	0.017 U	0.017 U	0.15	0.13	0.012 J
Nickel	30	310	NA	NA	NA	16.9	NA	NA
Potassium	NS	NS	NA	NA	NA	1,080	NA	NA
Selenium	3.9	180	3.2 U	3.3 U	3.2 U	3.6 U	3.7 U	3.3 U
Silver	2	180	1.6 U	1.6 U	1.6 U	1.8 U	1.8 U	1.7 U
Sodium	NS	NS	NA	NA	NA	426 J	NA	NA
Thallium	NS	NS	NA	NA	NA	3.6 U	NA	NA
Vanadium	NS	NS	NA	NA	NA	21.6	NA	NA
Zinc	109	10000	NA	NA	NA	**193**	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-E6(18-20)-20170419	SSB-E6(23-25)-20170419	SSB-E6(28-30)-20170419	SSB-F1(3-5)-20170417	SSB-XX (3-5)-20170417	SSB-F1(8-10)-20170417
Lab Sample ID	Part 375	Part 375	460-131962-36	460-131962-37	460-131962-38	460-131745-23	460-131745-29	460-131745-24
Date Sampled	Unrestricted	Restricted	4/19/2017	4/19/2017	4/19/2017	4/17/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential SCO	1 And 4 And 40	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	6,820	4,650	NA
Antimony	NS	NS	NA	NA	NA	3.4 U	3.3 U	NA
Arsenic	13	16	3.1	2.3 U	2.4 U	4.8	3.3	3.5
Barium	350	400	108	18.6 J	20.5 J	99.9	62.6	87.4
Beryllium	7.2	72	NA	NA	NA	0.41	0.34	NA
Cadmium	2.5	4.3	0.68 U	0.61 U	0.64 U	0.68 U	0.66 U	0.72
Calcium	NS	NS	NA	NA	NA	16,900 J	26,600 J	NA
Chromium, Total	30***	180***	24.1	6	5.6	15.2	10.7	18
Cobalt	NS	NS	NA	NA	NA	6.5 J	3.6 J	NA
Copper	50	270	NA	NA	NA	32.9 J	14 J	NA
Iron	NS	NS	NA	NA	NA	13200 J	7960 J	NA
Lead	63	400	**9,920**	4	3	**824 J**	**532 J**	**5,090**
Magnesium	NS	NS	NA	NA	NA	4,000	3,490	NA
Manganese	1600	2000	NA	NA	NA	411 J	163 J	NA
Mercury	0.18	0.81	**0.23**	0.017 U	0.016 U	0.18	0.15	0.15
Nickel	30	310	NA	NA	NA	27.7	20.3	NA
Potassium	NS	NS	NA	NA	NA	1,210	918	NA
Selenium	3.9	180	3.4 U	3.1 U	3.2 U	3.4 U	3.3 U	3.4 U
Silver	2	180	1.7 U	1.5 U	1.6 U	1.7 U	1.7 U	1.7 U
Sodium	NS	NS	NA	NA	NA	411 J	276 J	NA
Thallium	NS	NS	NA	NA	NA	3.4 U	3.3 U	NA
Vanadium	NS	NS	NA	NA	NA	25.3 J	14.2 J	NA
Zinc	109	10000	NA	NA	NA	**135 J**	88.2 J	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F1(13-15)-20170417	SSB-F1(18-20)-20170417	SSB-F1(23-25)-20170417	SSB-F1(28-30)-20170417	SSB-F2(3-5)-20170417	SSB-XXX (3-5)-20170417
Lab Sample ID	Part 375	Part 375	460-131745-25	460-131745-26	460-131745-27	460-131745-28	460-131745-30	460-131745-31
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	1.2 J	1.6 J	1.4 J	1.3 J	12.8	**16.3**
Barium	350	400	43.3	27.5 J	25.5 J	28.9 J	106	114
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.62 U	0.62 U	0.66 U	0.68 U	0.46 J	0.6 J
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	**34.1**	8.8	5.5	6.7	12.6	14.3
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	**1,530**	6	4	4	**3,700 J**	**1,780 J**
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.084	0.017 U	0.017 U	0.016 U	**0.70 J**	**2.2 J**
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.1 U	3.1 U	3.3 U	3.4 U	3.5 U	3.7 U
Silver	2	180	1.5 U	1.5 U	1.6 U	1.7 U	1.8 U	1.8 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F2(8-10)-20170417	SSB-F2(13-15)-20170417	SSB-F2(18-20)-20170417	SSB-F2(23-25)-20170417	SSB-F2(28-30)-20170417	SSB-F3(3-5)-20170418
Lab Sample ID	Part 375	Part 375	460-131745-32	460-131745-33	460-131745-34	460-131745-35	460-131745-36	460-131841-1
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/18/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	4,610
Antimony	NS	NS	NA	NA	NA	NA	NA	3.4 UJ
Arsenic	13	16	3.8	1.1 J	1.1 J	1.2 J	1.4 J	2.6
Barium	350	400	119	38.7	23 J	22.8 J	25.9 J	39.7
Beryllium	7.2	72	NA	NA	NA	NA	NA	0.34 U
Cadmium	2.5	4.3	0.81 U	0.66 U	0.68 U	0.67 U	0.62 U	0.68 U
Calcium	NS	NS	NA	NA	NA	NA	NA	1,360
Chromium, Total	30***	180***	29	7.6	6.4	7.2	6.9	10.9
Cobalt	NS	NS	NA	NA	NA	NA	NA	4.1 J
Copper	50	270	NA	NA	NA	NA	NA	16.1
Iron	NS	NS	NA	NA	NA	NA	NA	12800
Lead	63	400	12 J	4	4	6	6	**389 JL**
Magnesium	NS	NS	NA	NA	NA	NA	NA	2,170
Manganese	1600	2000	NA	NA	NA	NA	NA	113
Mercury	0.18	0.81	0.020 U	0.017 U	0.016 U	0.016 U	0.016 U	0.15 JH
Nickel	30	310	NA	NA	NA	NA	NA	13.5
Potassium	NS	NS	NA	NA	NA	NA	NA	1,100
Selenium	3.9	180	4 U	3.3 U	3.4 U	3.4 U	3.1 U	3.4 U
Silver	2	180	2 U	1.7 U	1.7 U	1.7 U	1.6 U	1.7 U
Sodium	NS	NS	NA	NA	NA	NA	NA	99.5 J
Thallium	NS	NS	NA	NA	NA	NA	NA	3.4 U
Vanadium	NS	NS	NA	NA	NA	NA	NA	14.4
Zinc	109	10000	NA	NA	NA	NA	NA	41.9

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-F3(8-10)-20170418	SSB-F3(13-15)-20170418	SSB-F3(18-20)-20170418	SSB-F3(23-25)-20170418	SSB-F3(28-30)-20170418	SSB-F3(31-33)-20170418
Lab Sample ID	Part 375	Part 375	460-131841-2	460-131841-3	460-131841-4	460-131841-5	460-131841-6	460-131841-7
Date Sampled	Unrestricted	Restricted	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	2.5 U	2.9	0.95 J	2.5 U	2.4 U	2.4 U
Barium	350	400	34.1	40.4	24.2 J	26.7 J	27.3 J	40.9
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.66 U	0.63 U	0.65 U	0.66 U	0.63 U	0.64 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	11.5	15.1	6	6.9	6.7	19
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	4	6	4	4	3	31
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.018 U	0.017 U	0.017 U	0.017 U	0.017 U	0.026
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.3 U	3.2 U	3.2 U	3.3 U	3.1 U	3.2 U
Silver	2	180	1.6 U	1.6 U	1.6 U	1.7 U	1.6 U	1.6 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-F4(3-5)-20170418	SSB-X(3-5)-20170418	SSB-F4(8-10)-20170418	SSB-F4(13-15)-20170418	SSB-F4(18-20)-20170418	SSB-F4(23-25)-20170418
Lab Sample ID	Part 375	Part 375	460-131841-8	460-131841-9	460-131841-10	460-131841-11	460-131841-12	460-131841-13
Date Sampled	Unrestricted	Restricted	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	3.7	3.2	0.91 J	0.86 J	2.5 U	1.3 J
Barium	350	400	104	101	40.3	22.3 J	29.7 J	37.5
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.68 U	0.71 U	0.67 U	0.65 U	0.66 U	0.66 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	16.2	14.3	8	7.5	4.9	7.4
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	**755**	**678**	3	4	5	3
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.15 J	**0.41 J**	0.017 U	0.016 U	0.017 U	0.016 U
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.4 U	3.5 U	3.3 U	3.2 U	3.3 U	3.3 U
Silver	2	180	1.7 U	1.8 U	1.7 U	1.6 U	1.7 U	1.7 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-F4(28-30)-20170418	SSB-F4(32-34)-20170418	SSB-F5(3-5)-20170418	SSB-F5(8-10)-20170418	SSB-F5(13-15)-20170418	SSB-F5(18-20)-20170418
Lab Sample ID	Part 375	Part 375	460-131841-14	460-131841-15	460-131841-16	460-131841-17	460-131841-18	460-131841-19
Date Sampled	Unrestricted	Restricted	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/18/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	0.87 J	0.88 J	4.7	0.84 J	2.4 U	0.99 J
Barium	350	400	36.2	32.9 J	180	49.5	39.6	23.7 J
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.63 U	0.67 U	0.46 J	0.67 U	0.64 U	0.64 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	16.7	5.9	17.1	10.6	17.1	6
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	4	3	**198**	3	4	3
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.016 U	0.017 U	**0.62**	0.017 U	0.018 U	0.016 U
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.2 U	3.3 U	3.5 U	3.4 U	3.2 U	3.2 U
Silver	2	180	1.6 U	1.7 U	1.7 U	1.7 U	1.6 U	1.6 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-F5(23-25)-20170418 460-131841-20 4/18/2017 1 And 4	SSB-F5(28-30)-20170418 460-131841-21 4/18/2017 1 And 4	SSB-F5(32-34)-20170418 460-131841-22 4/18/2017 1 And 4	SSB-F6(3-5)-20170418 460-131841-23 4/18/2017 1 And 4	SSB-F6(8-10)-20170418 460-131841-24 4/18/2017 1 And 4	SSB-F6(13-15)-20170418 460-131841-25 4/18/2017 1 And 4
Aluminum	**NS**	**NS**	NA	NA	NA	4,290	NA	NA
Antimony	**NS**	**NS**	NA	NA	NA	3.1 U	NA	NA
Arsenic	**13**	**16**	2.4 U	1.2 J	0.82 J	0.9 J	3.2	2.8
Barium	**350**	**400**	24 J	28.5 J	21.3 J	41.7	73.6	38
Beryllium	**7.2**	**72**	NA	NA	NA	0.31 U	NA	NA
Cadmium	**2.5**	**4.3**	0.64 U	0.66 U	0.65 U	0.63 U	0.67 U	0.63 U
Calcium	**NS**	**NS**	NA	NA	NA	12,500	NA	NA
Chromium, Total	**30*** **	**180*** **	6	7.6	6.3	13.2	15.2	13
Cobalt	**NS**	**NS**	NA	NA	NA	5.1 J	NA	NA
Copper	**50**	**270**	NA	NA	NA	12.8	NA	NA
Iron	**NS**	**NS**	NA	NA	NA	10300	NA	NA
Lead	**63**	**400**	3	5	4	5	**279**	8
Magnesium	**NS**	**NS**	NA	NA	NA	6,260	NA	NA
Manganese	**1600**	**2000**	NA	NA	NA	197	NA	NA
Mercury	**0.18**	**0.81**	0.017 U	0.017 U	0.017 U	0.017 U	**0.52**	0.016 U
Nickel	**30**	**310**	NA	NA	NA	20.1	NA	NA
Potassium	**NS**	**NS**	NA	NA	NA	1,440	NA	NA
Selenium	**3.9**	**180**	3.2 U	3.3 U	3.2 U	3.1 U	3.3 U	3.2 U
Silver	**2**	**180**	1.6 U	1.6 U	1.6 U	1.6 U	1.7 U	1.6 U
Sodium	**NS**	**NS**	NA	NA	NA	129 J	NA	NA
Thallium	**NS**	**NS**	NA	NA	NA	3.1 U	NA	NA
Vanadium	**NS**	**NS**	NA	NA	NA	17.1	NA	NA
Zinc	**109**	**10000**	NA	NA	NA	29	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-F6(18-20)-20170418	SSB-F6(23-25)-20170418	SSB-F6(28-30)-20170418	SSB-F6(32-34)-20170418	SSB-G1(2-4)-20170414	SSB-G1(8-10)-20170414
Lab Sample ID	Part 375	Part 375	460-131841-26	460-131841-27	460-131841-28	460-131841-29	460-131680-9	460-131680-10
Date Sampled	Unrestricted	Restricted	4/18/2017	4/18/2017	4/18/2017	4/18/2017	4/14/2017	4/14/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4 And 20	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	10,400	NA
Antimony	NS	NS	NA	NA	NA	NA	3.6 U	NA
Arsenic	13	16	1.4 J	2.5 U	1.1 J	2.4 U	4.4	3.3
Barium	350	400	49.7	31.1 J	31.9	23.9 J	**619**	49
Beryllium	7.2	72	NA	NA	NA	NA	0.49	NA
Cadmium	2.5	4.3	0.64 U	0.67 U	0.62 U	0.64 U	0.73 U	0.72 U
Calcium	NS	NS	NA	NA	NA	NA	86,400	NA
Chromium, Total	30***	180***	25.2	9	5.8	5.2	19.4	7.4
Cobalt	NS	NS	NA	NA	NA	NA	3.9 J	NA
Copper	50	270	NA	NA	NA	NA	11.5	NA
Iron	NS	NS	NA	NA	NA	NA	12100	NA
Lead	63	400	5	3	4	3	**542**	16
Magnesium	NS	NS	NA	NA	NA	NA	5,100	NA
Manganese	1600	2000	NA	NA	NA	NA	194	NA
Mercury	0.18	0.81	0.018 U	0.016 U	0.017 U	0.017 U	0.054	0.058
Nickel	30	310	NA	NA	NA	NA	15.3	NA
Potassium	NS	NS	NA	NA	NA	NA	1,420	NA
Selenium	3.9	180	3.2 U	3.3 U	3.1 U	3.2 U	3.6 U	3.6 U
Silver	2	180	1.6 U	1.7 U	1.5 U	1.6 U	1.8 U	1.8 U
Sodium	NS	NS	NA	NA	NA	NA	965	NA
Thallium	NS	NS	NA	NA	NA	NA	3.6 U	NA
Vanadium	NS	NS	NA	NA	NA	NA	23.1	NA
Zinc	109	10000	NA	NA	NA	NA	**419**	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-X(8-10)-20170414	SSB-G1(13-15)-20170414	SSB-G1(18-20)-20170414	SSB-G1(23-25)-20170414	SSB-G1(28-30)-20170414	SSB-G1(31-33)-20170414
Lab Sample ID	Part 375	Part 375	460-131680-11	460-131680-12	460-131680-13	460-131680-14	460-131680-15	460-131680-16
Date Sampled	Unrestricted	Restricted	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	4	1 J	1.3 J	0.91 J	2.2 U	2.4 U
Barium	350	400	51.6	40.3	34.4	30.4 J	23.5 J	20.1 J
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.67 U	0.65 U	0.64 U	0.62 U	0.59 U	0.63 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	8.6	8.7	7.4	5.8	6.1	5.7
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	34 J	6	6	4	2	2 J
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.049 J	0.017 U	0.016 U	0.018 U	0.016 U	0.016 U
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.3 U	3.2 U	3.2 U	3.1 U	3 U	3.1 U
Silver	2	180	1.7 U	1.6 U	1.6 U	1.5 U	1.5 U	1.6 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-G2(5-7)-20170414 460-131680-17 4/14/2017 2 And 4	SSB-G2(7-9)-20170414 460-131680-18 4/14/2017 4 And 5	SSB-G2(13-15)-20170414 460-131680-19 4/14/2017 1 And 4	SSB-G2(18-20)-20170414 460-131680-20 4/14/2017 1 And 4	SSB-G2(23-25)-20170414 460-131680-21 4/14/2017 1 And 4	SSB-G2(28-30)-20170414 460-131680-22 4/14/2017 2 And 4
Aluminum	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Antimony	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Arsenic	**13**	**16**	2.5	5.1	1.1 J	1.4 J	1.1 J	3.1
Barium	**350**	**400**	68.8	168	38.4	38	22.1 J	119
Beryllium	**7.2**	**72**	NA	NA	NA	NA	NA	NA
Cadmium	**2.5**	**4.3**	0.67 U	0.71 U	0.62 U	0.61 U	0.61 U	0.69 U
Calcium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Chromium, Total	**30*** **	**180*** **	20.3	21.5	8.6	12.8	5.9	19.2
Cobalt	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Copper	**50**	**270**	NA	NA	NA	NA	NA	NA
Iron	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Lead	**63**	**400**	30 JL	**4,630**	3	4	4	50
Magnesium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Manganese	**1600**	**2000**	NA	NA	NA	NA	NA	NA
Mercury	**0.18**	**0.81**	**1.3**	**4.1**	0.017 U	0.017 U	0.016 U	**1.8**
Nickel	**30**	**310**	NA	NA	NA	NA	NA	NA
Potassium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Selenium	**3.9**	**180**	3.4 U	3.5 U	3.1 U	3.1 U	3.1 U	3.4 U
Silver	**2**	**180**	1.7 U	1.8 U	1.5 U	1.5 U	1.5 U	1.7 U
Sodium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Thallium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Vanadium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Zinc	**109**	**10000**	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-G3(3-5)-20170414	SSB-G3(8-10)-20170414	SSB-G3(13-15)-20170414	SSB-G3(18-20)-20170414	SSB-G3(23-25)-20170414	SSB-G3(28-30)-20170414
Lab Sample ID	Part 375	Part 375	460-131680-23	460-131680-24	460-131680-25	460-131680-26	460-131680-27	460-131680-28
Date Sampled	Unrestricted	Restricted	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
Dilution Factor	SCO	Residential	1 And 4 And 20	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	6,750	NA	NA	NA	NA	NA
Antimony	NS	NS	3.3 U	NA	NA	NA	NA	NA
Arsenic	13	16	3.9	1.2 J	0.79 J	1 J	1.4 J	1.5 J
Barium	350	400	60.9	41.5	19.5 J	24.8 J	27 J	26.8 J
Beryllium	7.2	72	0.29 J	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.67 U	0.68 U	0.63 U	0.67 U	0.63 U	0.6 U
Calcium	NS	NS	1,430	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	18.1	8.3	10.1	7	6.7	6.5
Cobalt	NS	NS	4.6 J	NA	NA	NA	NA	NA
Copper	50	270	21.3	NA	NA	NA	NA	NA
Iron	NS	NS	33200	NA	NA	NA	NA	NA
Lead	63	400	19	3	3	3	3	4
Magnesium	NS	NS	3,570	NA	NA	NA	NA	NA
Manganese	1600	2000	229	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.019 U	0.018 U	0.017 U	0.016 U	0.017 U	0.016 U
Nickel	30	310	15.4	NA	NA	NA	NA	NA
Potassium	NS	NS	1,850	NA	NA	NA	NA	NA
Selenium	3.9	180	3.3 U	3.4 U	3.1 U	3.3 U	3.2 U	3 U
Silver	2	180	1.7 U	1.7 U	1.6 U	1.7 U	1.6 U	1.5 U
Sodium	NS	NS	447 J	NA	NA	NA	NA	NA
Thallium	NS	NS	3.3 U	NA	NA	NA	NA	NA
Vanadium	NS	NS	26.3	NA	NA	NA	NA	NA
Zinc	109	10000	40	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-G3(31-33)-20170414	SSB-G4(3-5)-20170417	SSB-X (3-5)-20170417	SSB-G4(8-10)-20170417	SSB-G4(13-15)-20170417	SSB-G4(18-20)-20170417
Lab Sample ID	Part 375	Part 375	460-131680-29	460-131745-1	460-131745-2	460-131745-3	460-131745-4	460-131745-5
Date Sampled	Unrestricted	Restricted	4/14/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential	1 And 4	4 And 10	1 And 4	1 And 4	1 And 4	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	0.85 J	3.5	4	1.1 J	1.4 J	1 J
Barium	350	400	19.6 J	78.3	78.8	38.1	54.2	39.6
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.61 U	0.74 U	0.7 U	0.64 U	0.63 U	0.66 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	5	16.3	16.6	8.7	8.7	7.3
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	3	**317**	**274**	3	7	5
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.016 U	**4.5**	**0.40 R**	0.018 U	0.016 U	0.016 U
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.1 U	3.7 U	3.5 U	3.2 U	3.2 U	3.3 U
Silver	2	180	1.5 U	1.9 U	1.8 U	1.6 U	1.6 U	1.7 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-G4(23-25)-20170417	SSB-G4(28-30)-20170417	SSB-G4(32-34)-20170417	SSB-G5(3-5)-20170417	SSB-G5(8-10)-20170417	SSB-G5(13-15)-20170417
Lab Sample ID	Part 375	Part 375	460-131745-6	460-131745-7	460-131745-8	460-131745-9	460-131745-10	460-131745-11
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	1.1 J	1.1 J	0.99 J	3.9	1.4 J	1.1 J
Barium	350	400	30.7 J	22.5 J	21.3 J	168	212	29.8 J
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.62 U	0.65 U	0.63 U	0.72 U	0.7 U	0.65 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	6.7	5.9	5.5	23.1 JL	10.1	12.7
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	4	5	3	**325**	4	7
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.016 U	0.017 U	0.017 U	**0.32**	0.017 U	0.017 U
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.1 U	3.2 U	3.2 U	3.6 U	3.5 U	3.2 U
Silver	2	180	1.6 U	1.6 U	1.6 U	1.8 U	1.8 U	1.6 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-G5(18-20)-20170417	SSB-G5(23-25)-20170417	SSB-G5(28-30)-20170417	SSB-G5(33-35)-20170417	SSB-G6(3-5)-20170417	SSB-G6(8-10)-20170417
Lab Sample ID	Part 375	Part 375	460-131745-12	460-131745-13	460-131745-14	460-131745-15	460-131745-16	460-131745-17
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	9,000	NA
Antimony	NS	NS	NA	NA	NA	NA	3.4 U	NA
Arsenic	13	16	0.95 J	2.5 U	0.84 J	1.6 J	4	1.8 J
Barium	350	400	26.4 J	20.7 J	25.2 J	28.2 J	109	47.3
Beryllium	7.2	72	NA	NA	NA	NA	0.5	NA
Cadmium	2.5	4.3	0.64 U	0.67 U	0.66 U	0.63 U	0.69 U	0.68 U
Calcium	NS	NS	NA	NA	NA	NA	15,600	NA
Chromium, Total	30***	180***	5.9	5.2	6.6	6.7	17.6	12.3
Cobalt	NS	NS	NA	NA	NA	NA	8.3 J	NA
Copper	50	270	NA	NA	NA	NA	28.9	NA
Iron	NS	NS	NA	NA	NA	NA	16500	NA
Lead	63	400	7	3	4	5	**186**	4
Magnesium	NS	NS	NA	NA	NA	NA	10,700	NA
Manganese	1600	2000	NA	NA	NA	NA	820	NA
Mercury	0.18	0.81	0.016 U	0.016 U	0.017 U	0.017 U	**0.62**	0.018 U
Nickel	30	310	NA	NA	NA	NA	**30.6**	NA
Potassium	NS	NS	NA	NA	NA	NA	1,780	NA
Selenium	3.9	180	3.2 U	3.4 U	3.3 U	3.1 U	3.4 U	3.4 U
Silver	2	180	1.6 U	1.7 U	1.6 U	1.6 U	1.7 U	1.7 U
Sodium	NS	NS	NA	NA	NA	NA	315 J	NA
Thallium	NS	NS	NA	NA	NA	NA	3.4 U	NA
Vanadium	NS	NS	NA	NA	NA	NA	26.5	NA
Zinc	109	10000	NA	NA	NA	NA	98.6	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-G6(13-15)-20170417	SSB-G6(18-20)-20170417	SSB-G6(23-25)-20170417	SSB-G6(28-30)-20170417	SSB-G6(33-35)-20170417	SSB-H1(3-5)-20170413
Lab Sample ID	Part 375	Part 375	460-131745-18	460-131745-19	460-131745-20	460-131745-21	460-131745-22	460-131670-9
Date Sampled	Unrestricted	Restricted	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/17/2017	4/13/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	8,150
Antimony	NS	NS	NA	NA	NA	NA	NA	4.6 U
Arsenic	13	16	2.2 J	1.9 J	1.2 J	1.6 J	1.1 J	5.5
Barium	350	400	37	52.8	32 J	32.4 J	27.9 J	330
Beryllium	7.2	72	NA	NA	NA	NA	NA	0.57
Cadmium	2.5	4.3	0.65 U	0.67 U	0.65 U	0.66 U	0.67 U	0.93 U
Calcium	NS	NS	NA	NA	NA	NA	NA	44,800
Chromium, Total	30***	180***	14.8	9.2	6.1 J	7.7	5.7	9.3
Cobalt	NS	NS	NA	NA	NA	NA	NA	3 J
Copper	50	270	NA	NA	NA	NA	NA	18.7
Iron	NS	NS	NA	NA	NA	NA	NA	7320
Lead	63	400	5	6	4	3	4	**160**
Magnesium	NS	NS	NA	NA	NA	NA	NA	3,580
Manganese	1600	2000	NA	NA	NA	NA	NA	148
Mercury	0.18	0.81	0.017 U	0.016 U	0.017 U	0.016 U	0.016 U	**0.24**
Nickel	30	310	NA	NA	NA	NA	NA	10.1
Potassium	NS	NS	NA	NA	NA	NA	NA	662 J
Selenium	3.9	180	3.3 U	3.4 U	3.3 U	3.3 U	3.3 U	4.6 U
Silver	2	180	1.6 U	1.7 U	1.6 U	1.6 U	1.7 U	2.3 U
Sodium	NS	NS	NA	NA	NA	NA	NA	842 J
Thallium	NS	NS	NA	NA	NA	NA	NA	4.6 U
Vanadium	NS	NS	NA	NA	NA	NA	NA	19
Zinc	109	10000	NA	NA	NA	NA	NA	**225**

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Client ID	NYSDEC	NYSDEC	SSB-H1(7-9)-20170413	SSB-H2(1-3)-20170413	SSB-H2(7-9)-20170413	SSB-X(7-9)-20170413	SSB-H2(13-15)-20170413	SSB-H2(16-17)-20170413
Lab Sample ID	Part 375	Part 375	460-131670-10	460-131670-11	460-131670-12	460-131670-13	460-131670-14	460-131670-15
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	2.3 J	4.1	3.3	2.2 J	4.6	2 J
Barium	350	400	101	197	**746**	**667**	103	90.6
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.98 U	0.84 U	0.87 U	0.84 U	0.91 U	0.82 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	17.3	13.3	**35.1 J**	10.4 J	10.5	9.1
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	27	**460**	**114**	**87**	49	30
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.15	**0.61**	**0.26**	**0.23**	**0.29**	0.075
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	4.9 U	4.2 U	4.3 U	4.2 U	4.5 U	4.1 U
Silver	2	180	2.4 U	2.1 U	2.2 U	2.1 U	2.3 U	2 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-H2(23-25)-20170413	SSB-H2(28-30)-20170413	SSB-H2(33-35)-20170413	SSB-H3(3-5)-20170413	SSB-H3(8-10)-20170413	SSB-H3(13-15)-20170413
Lab Sample ID	Part 375	Part 375	460-131670-16	460-131670-17	460-131670-18	460-131670-19	460-131670-20	460-131670-21
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	4,850	NA	NA
Antimony	NS	NS	NA	NA	NA	4.3 U	NA	NA
Arsenic	13	16	2.7 U	0.95 J	2.8 U	3.3	4.9	1.2 J
Barium	350	400	26.9 J	28.7 J	26.9 J	48.1	43.5 J	32.3 J
Beryllium	7.2	72	NA	NA	NA	0.43 U	NA	NA
Cadmium	2.5	4.3	0.72 U	0.77 U	0.75 U	0.86 U	0.89 U	0.83 U
Calcium	NS	NS	NA	NA	NA	43,300	NA	NA
Chromium, Total	30***	180***	5.1	7.2	5.9	8.3	6.6	10.9
Cobalt	NS	NS	NA	NA	NA	2.8 J	NA	NA
Copper	50	270	NA	NA	NA	11.3	NA	NA
Iron	NS	NS	NA	NA	NA	7550	NA	NA
Lead	63	400	3	3	4	40	4	16
Magnesium	NS	NS	NA	NA	NA	5,560	NA	NA
Manganese	1600	2000	NA	NA	NA	268	NA	NA
Mercury	0.18	0.81	0.016 U	0.017 U	0.016 U	**0.27**	0.017 J	0.059
Nickel	30	310	NA	NA	NA	13.3	NA	NA
Potassium	NS	NS	NA	NA	NA	1,040 J	NA	NA
Selenium	3.9	180	3.6 U	3.9 U	3.8 U	4.3 U	4.4 U	4.1 U
Silver	2	180	1.8 U	1.9 U	1.9 U	2.2 U	2.2 U	2.1 U
Sodium	NS	NS	NA	NA	NA	367 J	NA	NA
Thallium	NS	NS	NA	NA	NA	4.3 U	NA	NA
Vanadium	NS	NS	NA	NA	NA	18.5	NA	NA
Zinc	109	10000	NA	NA	NA	33.7	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-H3(18-20)-20170413 460-131670-22 4/13/2017 1 And 4	SSB-H3(23-25)-20170413 460-131670-23 4/13/2017 1 And 4	SSB-H3(28-30)-20170413 460-131670-24 4/13/2017 1 And 4	SSB-H3(33-35)-20170413 460-131670-25 4/13/2017 1 And 4	SSB-H4(3-5)-20170413 460-131670-26 4/13/2017 2 And 4	SSB-H4(8-10)-20170413 460-131670-27 4/13/2017 1 And 4
Aluminum	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Antimony	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Arsenic	**13**	**16**	3 U	2.9 U	2.8 U	2.7 U	6.4	1.2 J
Barium	**350**	**400**	22.6 J	36.7 J	21.8 J	19.4 J	169	76.3
Beryllium	**7.2**	**72**	NA	NA	NA	NA	NA	NA
Cadmium	**2.5**	**4.3**	0.81 U	0.77 U	0.75 U	0.72 U	0.67 U	0.79 U
Calcium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Chromium, Total	**30*** **	**180*** **	6	8.8	5	5.3	15.3	12.1
Cobalt	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Copper	**50**	**270**	NA	NA	NA	NA	NA	NA
Iron	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Lead	**63**	**400**	3	4	3	3	**140 JH**	11
Magnesium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Manganese	**1600**	**2000**	NA	NA	NA	NA	NA	NA
Mercury	**0.18**	**0.81**	0.016 U	0.017 U	0.016 U	0.018 U	**1.1**	0.017 U
Nickel	**30**	**310**	NA	NA	NA	NA	NA	NA
Potassium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Selenium	**3.9**	**180**	4 U	3.9 U	3.8 U	3.6 U	3.4 U	4 U
Silver	**2**	**180**	2 U	1.9 U	1.9 U	1.8 U	1.7 U	2 U
Sodium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Thallium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Vanadium	**NS**	**NS**	NA	NA	NA	NA	NA	NA
Zinc	**109**	**10000**	NA	NA	NA	NA	NA	NA

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Client ID	NYSDEC	NYSDEC	SSB-H4(13-15)-20170413	SSB-H4(18-20)-20170413	SSB-H4(23-25)-20170413	SSB-H4(28-30)-20170413	SSB-H4(33-35)-20170413	SSB-H5(3-5)-20170413
Lab Sample ID	Part 375	Part 375	460-131670-28	460-131670-29	460-131670-30	460-131670-31	460-131670-40	460-131670-32
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	2.8 U	2.8 U	1.2 J	3 U	1.1 J	2.8 J
Barium	350	400	23 J	36.6 J	27.5 J	27.5 J	40.1	56.8
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.74 U	0.75 U	0.76 U	0.81 U	0.62 U	0.86 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	5.8	6.1	4.6	4.5	6.8	9.6
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	2	3	4	3	5	62
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.017 U	0.016 U	0.017 U	0.016 U	0.016 U	0.079
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.7 U	3.7 U	3.8 U	4 U	3.1 U	4.3 U
Silver	2	180	1.9 U	1.9 U	1.9 U	2 U	1.5 U	2.1 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-X(3-5)-20170413	SSB-H5(8-10)-20170413	SSB-H5(13-15)-20170413	SSB-H5(18-20)-20170413	SSB-H5(22-24)-20170413	SSB-H6(3-5)-20170414
Lab Sample ID	Part 375	Part 375	460-131670-33	460-131670-34	460-131670-35	460-131670-36	460-131670-37	460-131680-1
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/14/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	6,440
Antimony	NS	NS	NA	NA	NA	NA	NA	3.4 U
Arsenic	13	16	2.8 J	3.1 U	3 U	1.1 J	2.6 U	1.8 J
Barium	350	400	58.9	32.6 J	29.8 J	40.7	16.2 J	47.8
Beryllium	7.2	72	NA	NA	NA	NA	NA	0.36
Cadmium	2.5	4.3	0.89 U	0.83 U	0.79 U	0.8 U	0.7 U	0.68 U
Calcium	NS	NS	NA	NA	NA	NA	NA	2,130
Chromium, Total	30***	180***	10.2	8.6	14	**34.6**	4.7	14.4
Cobalt	NS	NS	NA	NA	NA	NA	NA	6.8 J
Copper	50	270	NA	NA	NA	NA	NA	20.5
Iron	NS	NS	NA	NA	NA	NA	NA	14200
Lead	63	400	**75**	3	6	5	3	33
Magnesium	NS	NS	NA	NA	NA	NA	NA	2,800
Manganese	1600	2000	NA	NA	NA	NA	NA	405
Mercury	0.18	0.81	0.093	0.018 U	0.016 U	0.012 J	0.016 U	0.043
Nickel	30	310	NA	NA	NA	NA	NA	24
Potassium	NS	NS	NA	NA	NA	NA	NA	1,180
Selenium	3.9	180	4.4 U	4.2 U	3.9 U	4 U	3.5 U	3.4 U
Silver	2	180	2.2 U	2.1 U	2 U	2 U	1.7 U	1.7 U
Sodium	NS	NS	NA	NA	NA	NA	NA	121 J
Thallium	NS	NS	NA	NA	NA	NA	NA	3.4 U
Vanadium	NS	NS	NA	NA	NA	NA	NA	19.5
Zinc	109	10000	NA	NA	NA	NA	NA	43.5

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-H6(8-10)-20170414	SSB-H6(13-15)-20170414	SSB-H6(18-20)-20170414	SSB-H6(23-25)-20170414	SSB-H6(28-30)-20170414	SSB-H6(33-35)-20170414
Lab Sample ID	Part 375	Part 375	460-131680-2	460-131680-3	460-131680-4	460-131680-5	460-131680-6	460-131680-7
Date Sampled	Unrestricted	Restricted	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	1.4 J	2.6 U	2.5 U	1 J	1.1 J	1.2 J
Barium	350	400	78.7	51.9	20.9 J	26.8 J	47.8	24.5 J
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.65 U	0.68 U	0.67 U	0.63 U	0.64 U	0.66 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	**47**	26.9	7.2	6.2	7.1	5.5
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	4	4	4	3	7	4
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	0.018 U	0.017 U	0.017 U	0.016 U	0.017 U	0.015
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.3 U	3.4 U	3.4 U	3.2 U	3.2 U	3.3 U
Silver	2	180	1.6 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-H6(37-39)-20170414	SSB-I1(3-5)-20170412	SSB-I1(8-10)-20170412	SSB-X(8-10)-20170412	SSB-I1(13-15)-20170412	SSB-I1(18-20)-20170412
Lab Sample ID	Part 375	Part 375	460-131680-8	460-131520-1	460-131520-2	460-131520-3	460-131520-4	460-131520-5
Date Sampled	Unrestricted	Restricted	4/14/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	10 And 20	4 And 10	1 And 4	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	9,690	NA	NA	NA	NA
Antimony	NS	NS	NA	3.6 U	NA	NA	NA	NA
Arsenic	13	16	1.1 J	5.7	13.6 U	4.2	3.1	1.4 J
Barium	350	400	22.8 J	235	161 J	210	136	42.3
Beryllium	7.2	72	NA	0.42	NA	NA	NA	NA
Cadmium	2.5	4.3	0.66 U	0.72 U	3.6 U	0.73 U	0.63 J	0.64 U
Calcium	NS	NS	NA	35,100	NA	NA	NA	NA
Chromium, Total	30***	180***	5.1	9.9 J	6.7 J	10.9	10.8	21.9
Cobalt	NS	NS	NA	3 J	NA	NA	NA	NA
Copper	50	270	NA	14.1	NA	NA	NA	NA
Iron	NS	NS	NA	8930	NA	NA	NA	NA
Lead	63	400	3	**150 J**	**89**	**130**	**158**	13
Magnesium	NS	NS	NA	3,910	NA	NA	NA	NA
Manganese	1600	2000	NA	222	NA	NA	NA	NA
Mercury	0.18	0.81	0.018 U	**0.70**	**6.9**	**7.7**	**0.41**	0.016 U
Nickel	30	310	NA	21.7	NA	NA	NA	NA
Potassium	NS	NS	NA	807 J	NA	NA	NA	NA
Selenium	3.9	180	3.3 U	3.6 U	18.1 U	3.7 U	1.3 J	3.2 U
Silver	2	180	1.7 U	1.8 U	9.1 U	1.8 U	1.6 U	1.6 U
Sodium	NS	NS	NA	1320	NA	NA	NA	NA
Thallium	NS	NS	NA	3.6 U	NA	NA	NA	NA
Vanadium	NS	NS	NA	28.1	NA	NA	NA	NA
Zinc	109	10000	NA	**181**	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-I1(23-25)-20170412	SSB-I1(28-30)-20170412	SSB-I1(33-35)-20170412	SSB-I2(3-5)-20170412	SSB-I2(8-10)-20170412	SSB-I2(13-15)-20170412
Lab Sample ID	Part 375	Part 375	460-131520-6	460-131520-7	460-131520-8	460-131520-9	460-131520-10	460-131520-11
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4 And 20	1 And 4	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	NA	NA	6,540	NA	NA
Antimony	NS	NS	NA	NA	NA	3.4 U	NA	NA
Arsenic	13	16	1.9 J	1.3 J	1.1 J	3.6	5.1	2.3 J
Barium	350	400	32.9	42.8	34.4	**462**	90.6	34.8
Beryllium	7.2	72	NA	NA	NA	0.34 U	NA	NA
Cadmium	2.5	4.3	0.63 U	0.62 U	0.66 U	0.66 J	0.69 U	0.65 U
Calcium	NS	NS	NA	NA	NA	57,800	NA	NA
Chromium, Total	30***	180***	7.4	7.6	5.2	11.6	10.3	10.4
Cobalt	NS	NS	NA	NA	NA	3.5 J	NA	NA
Copper	50	270	NA	NA	NA	30.1	NA	NA
Iron	NS	NS	NA	NA	NA	9630	NA	NA
Lead	63	400	4	21	4	**150**	**85 JL**	4
Magnesium	NS	NS	NA	NA	NA	4,950	NA	NA
Manganese	1600	2000	NA	NA	NA	263	NA	NA
Mercury	0.18	0.81	0.017 U	0.016 U	0.017 U	**0.58**	**0.38**	0.018
Nickel	30	310	NA	NA	NA	**66.4**	NA	NA
Potassium	NS	NS	NA	NA	NA	771 J	NA	NA
Selenium	3.9	180	3.1 U	3.1 U	3.3 U	3.4 U	3.4 U	3.3 U
Silver	2	180	1.6 U	1.6 U	1.7 U	1.7 U	1.7 U	1.6 U
Sodium	NS	NS	NA	NA	NA	407 J	NA	NA
Thallium	NS	NS	NA	NA	NA	3.4 U	NA	NA
Vanadium	NS	NS	NA	NA	NA	19.6	NA	NA
Zinc	109	10000	NA	NA	NA	**788**	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-I2(18-20)-20170412	SSB-I2(23-25)-20170412	SSB-I2(28-30)-20170412	SSB-I2(33-35)-20170412	SSB-I3(2-4)-20170412	SSB-I3(8-10)-20170412
Lab Sample ID	Part 375	Part 375	460-131520-12	460-131520-13	460-131520-14	460-131520-15	460-131520-16	460-131520-17
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	6,800	NA
Antimony	NS	NS	NA	NA	NA	NA	3.7 U	NA
Arsenic	13	16	0.83 J	1 J	1 J	0.89 J	4.4	1.8 J
Barium	350	400	32.2 J	30.7 J	33.4 J	33.2	180	57
Beryllium	7.2	72	NA	NA	NA	NA	0.37 U	NA
Cadmium	2.5	4.3	0.66 U	0.64 U	0.68 U	0.61 U	0.49 J	0.68 U
Calcium	NS	NS	NA	NA	NA	NA	40,100	NA
Chromium, Total	30***	180***	6.7	5.5	6	7.2	10.5	9.9
Cobalt	NS	NS	NA	NA	NA	NA	3 J	NA
Copper	50	270	NA	NA	NA	NA	15.7	NA
Iron	NS	NS	NA	NA	NA	NA	9410	NA
Lead	63	400	5	3	12	5	**111**	14
Magnesium	NS	NS	NA	NA	NA	NA	2,850	NA
Manganese	1600	2000	NA	NA	NA	NA	199	NA
Mercury	0.18	0.81	0.018 U	0.018 U	0.016 U	0.017 U	**0.21**	0.033
Nickel	30	310	NA	NA	NA	NA	13.9	NA
Potassium	NS	NS	NA	NA	NA	NA	951	NA
Selenium	3.9	180	3.3 U	3.2 U	3.4 U	3 U	3.7 U	3.4 U
Silver	2	180	1.6 U	1.6 U	1.7 U	1.5 U	1.8 U	1.7 U
Sodium	NS	NS	NA	NA	NA	NA	571 J	NA
Thallium	NS	NS	NA	NA	NA	NA	3.7 U	NA
Vanadium	NS	NS	NA	NA	NA	NA	16.1	NA
Zinc	109	10000	NA	NA	NA	NA	**147**	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-I3(13-15)-20170412	SSB-I3(18-20)-20170412	SSB-I3(23-25)-20170412	SSB-I3(28-30)-20170412	SSB-I3(33-35)-20170412	SSB-I4(3-5)-20170412
Lab Sample ID	Part 375	Part 375	460-131520-18	460-131520-19	460-131520-20	460-131520-21	460-131520-22	460-131520-23
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	6,870
Antimony	NS	NS	NA	NA	NA	NA	NA	3.7 U
Arsenic	13	16	5	1.2 J	1.1 J	2.5 U	3.2	3.9
Barium	350	400	95.2	29.5 J	29.1 J	33.8	38.5	232
Beryllium	7.2	72	NA	NA	NA	NA	NA	0.37 U
Cadmium	2.5	4.3	0.63 U	0.63 U	0.64 U	0.67 U	0.65 U	0.74 U
Calcium	NS	NS	NA	NA	NA	NA	NA	44,500
Chromium, Total	30***	180***	15	8.3	4.9	6.4	12.4	9.1
Cobalt	NS	NS	NA	NA	NA	NA	NA	3 J
Copper	50	270	NA	NA	NA	NA	NA	10.6
Iron	NS	NS	NA	NA	NA	NA	NA	7750
Lead	63	400	35	4	3	3	5	**174**
Magnesium	NS	NS	NA	NA	NA	NA	NA	5,380
Manganese	1600	2000	NA	NA	NA	NA	NA	271
Mercury	0.18	0.81	0.044	0.017 U	0.017 U	0.017 U	0.016 U	**0.25**
Nickel	30	310	NA	NA	NA	NA	NA	15.2
Potassium	NS	NS	NA	NA	NA	NA	NA	920 J
Selenium	3.9	180	3.1 U	3.2 U	3.2 U	3.4 U	3.3 U	3.7 U
Silver	2	180	1.6 U	1.6 U	1.6 U	1.7 U	1.6 U	1.8 U
Sodium	NS	NS	NA	NA	NA	NA	NA	647 J
Thallium	NS	NS	NA	NA	NA	NA	NA	3.7 U
Vanadium	NS	NS	NA	NA	NA	NA	NA	15.2
Zinc	109	10000	NA	NA	NA	NA	NA	**157**

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-I4(8-10)-20170412	SSB-I4(13-15)-20170412	SSB-I4(15-17)-20170412	SSB-I5(3-5)-20170412	SSB-I5(8-10)-20170412	SSB-XX(8-10)-20170412
Lab Sample ID	Part 375	Part 375	460-131520-24	460-131520-25	460-131520-26	460-131520-27	460-131520-28	460-131520-29
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4 And 20	1 And 4	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	NA	NA	9,490	NA	NA
Antimony	NS	NS	NA	NA	NA	3.8 U	NA	NA
Arsenic	13	16	1.9 J	2.6	3.1	4.1	6.2	4.5
Barium	350	400	58.8	197	249	310	49.8	39.3
Beryllium	7.2	72	NA	NA	NA	0.36 J	NA	NA
Cadmium	2.5	4.3	0.67 U	0.66 U	0.68 U	0.75 U	0.73 U	0.7 U
Calcium	NS	NS	NA	NA	NA	59,700	NA	NA
Chromium, Total	30***	180***	8.6	**40.2**	**36.2**	16.3 JL	10.6	9.1
Cobalt	NS	NS	NA	NA	NA	3.7 J	NA	NA
Copper	50	270	NA	NA	NA	19.6	NA	NA
Iron	NS	NS	NA	NA	NA	9030	NA	NA
Lead	63	400	4	5	**93**	**99**	**128 J**	**71 J**
Magnesium	NS	NS	NA	NA	NA	4,460	NA	NA
Manganese	1600	2000	NA	NA	NA	168	NA	NA
Mercury	0.18	0.81	0.017 U	0.017 U	**0.19**	0.12	0.037	0.021
Nickel	30	310	NA	NA	NA	15.5	NA	NA
Potassium	NS	NS	NA	NA	NA	1,350	NA	NA
Selenium	3.9	180	3.3 U	3.3 U	3.4 U	3.8 U	3.6 U	3.5 U
Silver	2	180	1.7 U	1.7 U	1.7 U	1.9 U	1.8 U	1.8 U
Sodium	NS	NS	NA	NA	NA	498 J	NA	NA
Thallium	NS	NS	NA	NA	NA	3.8 U	NA	NA
Vanadium	NS	NS	NA	NA	NA	16.5	NA	NA
Zinc	109	10000	NA	NA	NA	**261**	NA	NA

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-I5(13-15)-20170412	SSB-I5(18-20)-20170412	SSB-I5(23-25)-20170412	SSB-I5(28-30)-20170412	SSB-I5(33-35)-20170412	SSB-I6(3-5)-20170413
Lab Sample ID	Part 375	Part 375	460-131520-30	460-131520-31	460-131520-32	460-131520-33	460-131520-34	460-131670-1
Date Sampled	Unrestricted	Restricted	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/13/2017
Dilution Factor	SCO	Residential SCO	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4 And 20
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	7,200
Antimony	NS	NS	NA	NA	NA	NA	NA	4.5 U
Arsenic	13	16	2.2 J	1.9 J	1.9 J	1.4 J	1.9 J	4.6
Barium	350	400	43.8	36.2	36.1	23.8 J	29.7 J	**401**
Beryllium	7.2	72	NA	NA	NA	NA	NA	0.54
Cadmium	2.5	4.3	0.64 U	0.6 U	0.66 U	0.67 U	0.62 U	0.9 U
Calcium	NS	NS	NA	NA	NA	NA	NA	57,600
Chromium, Total	30***	180***	19	7.7	6.7	10.8	5.7	15.3
Cobalt	NS	NS	NA	NA	NA	NA	NA	4.4 J
Copper	50	270	NA	NA	NA	NA	NA	27.7
Iron	NS	NS	NA	NA	NA	NA	NA	11300
Lead	63	400	5	5	5	3	4	**435**
Magnesium	NS	NS	NA	NA	NA	NA	NA	6,050
Manganese	1600	2000	NA	NA	NA	NA	NA	202
Mercury	0.18	0.81	0.017 U	0.016 U	0.016 U	0.017 U	0.016 U	**0.28**
Nickel	30	310	NA	NA	NA	NA	NA	16.3
Potassium	NS	NS	NA	NA	NA	NA	NA	1,160
Selenium	3.9	180	3.2 U	3 U	3.3 U	3.4 U	3.1 U	4.5 U
Silver	2	180	1.6 U	1.5 U	1.6 U	1.7 U	1.5 U	2.3 U
Sodium	NS	NS	NA	NA	NA	NA	NA	301 J
Thallium	NS	NS	NA	NA	NA	NA	NA	4.5 U
Vanadium	NS	NS	NA	NA	NA	NA	NA	24.1
Zinc	109	10000	NA	NA	NA	NA	NA	**371**

Table 6
Soil Analytical Results for Metals
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Client ID	NYSDEC	NYSDEC	SSB-I6(7-9)-20170413	SSB-I6(13-15)-20170413	SSB-I6(18-20)-20170413	SSB-I6(23-25)-20170413	SSB-I6(28-30)-20170413	SSB-I6(33-35)-20170413
Lab Sample ID	Part 375	Part 375	460-131670-2	460-131670-3	460-131670-4	460-131670-5	460-131670-6	460-131670-7
Date Sampled	Unrestricted	Restricted	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	3.9	0.95 J	3 U	4.9	1.1 J	2.9 U
Barium	350	400	234	14.6 J	21.6 J	46.4	23.5 J	21.7 J
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.88 U	0.76 U	0.79 U	0.76 U	0.81 U	0.77 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	13.6	8.1	6	8.6	6.3	6.5
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	**379**	4	3	5	3	3
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	**0.37**	0.017 U	0.017 U	0.016 U	0.016 U	0.017 U
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	4.4 U	3.8 U	4 U	3.8 U	4 U	3.8 U
Silver	2	180	2.2 U	1.9 U	2 U	1.9 U	2 U	1.9 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-I6(38-40)-20170413	SSB-J1(11-13)-20170410	SSB-J1(3-5)-20170410	SSB-J1(8-10)-20170410	SSB-J2(3-5)-20170410	SSB-X(3-5)-20170410
Lab Sample ID	Part 375	Part 375	460-131670-8	460-131292-3	460-131292-1	460-131292-2	460-131292-4	460-131292-5
Date Sampled	Unrestricted	Restricted	4/13/2017	4/10/2017	4/10/2017	4/10/2017	4/10/2017	4/10/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	2 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	5,160	NA	7,530	5,660
Antimony	NS	NS	NA	NA	4.3 U	NA	4.7 U	4.6 U
Arsenic	13	16	2.9 U	2.3 J	4.8	2 J	3.9 J	9 J
Barium	350	400	21.2 J	41.7	98.5	65.6	222 J	107 J
Beryllium	7.2	72	NA	NA	0.43 U	NA	0.47 U	0.46 U
Cadmium	2.5	4.3	0.78 U	0.81 U	0.86 U	0.81 U	0.94 U	0.93 U
Calcium	NS	NS	NA	NA	40,800	NA	43,200	39,300
Chromium, Total	30***	180***	3.8	**35.9**	8.6 JH	**37.8**	11.3	12.2
Cobalt	NS	NS	NA	NA	3 J	NA	4.1 J	10.7 J
Copper	50	270	NA	NA	13.8	NA	17.3 J	31.9 J
Iron	NS	NS	NA	NA	10800	NA	10600 J	27300 J
Lead	63	400	2 J	5	**83**	21	**603 J**	**79 JL**
Magnesium	NS	NS	NA	NA	4,420	NA	5,470	5,550
Manganese	1600	2000	NA	NA	260	NA	471 J	263 J
Mercury	0.18	0.81	0.015 U	0.059	**1.3**	0.013 J	**0.84**	**0.64**
Nickel	30	310	NA	NA	8.8	NA	10.9 J	**30.2 J**
Potassium	NS	NS	NA	NA	669 J	NA	803 J	676 J
Selenium	3.9	180	3.9 U	4 U	4.3 U	4.1 U	4.7 U	4.6 U
Silver	2	180	1.9 U	2 U	2.2 U	2 U	2.3 U	2.3 U
Sodium	NS	NS	NA	NA	382 J	NA	645 J	470 J
Thallium	NS	NS	NA	NA	4.3 U	NA	4.7 U	4.6 U
Vanadium	NS	NS	NA	NA	20.6	NA	22.8 J	20.7
Zinc	109	10000	NA	NA	**110**	NA	**203 J**	96.1 J

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-J2(8-10)-20170410 460-131292-6 4/10/2017 1 And 4	SSB-J2(12-13)-20170410 460-131292-7 4/10/2017 1 And 4	SSB-J3(3-5)-20170410 460-131292-8 4/10/2017 1 And 4	SSB-J3(8-10)-20170410 460-131292-9 4/10/2017 1 And 4	SSB-J3(13-15)-20170410 460-131292-10 4/10/2017 1 And 4	SSB-J3(18-20)-20170411 460-131368-1 4/11/2017 1 And 4
Aluminum	**NS**	**NS**	NA	NA	7,670	NA	NA	NA
Antimony	**NS**	**NS**	NA	NA	4.5 U	NA	NA	NA
Arsenic	**13**	**16**	4.1	1.1 J	3.6	3.2	1.8 J	1.1 J
Barium	**350**	**400**	45.1	37.7 J	212	49	52.7	34.9 J
Beryllium	**7.2**	**72**	NA	NA	0.45 U	NA	NA	NA
Cadmium	**2.5**	**4.3**	0.88 U	0.81 U	0.89 U	0.85 U	0.82 U	0.8 U
Calcium	**NS**	**NS**	NA	NA	34,300	NA	NA	NA
Chromium, Total	**30*** **	**180*** **	12.6	17.6	10.4	11.3	26.1	6
Cobalt	**NS**	**NS**	NA	NA	3.3 J	NA	NA	NA
Copper	**50**	**270**	NA	NA	15.2	NA	NA	NA
Iron	**NS**	**NS**	NA	NA	10300	NA	NA	NA
Lead	**63**	**400**	59	5	**184**	34	15	4
Magnesium	**NS**	**NS**	NA	NA	4,240	NA	NA	NA
Manganese	**1600**	**2000**	NA	NA	228	NA	NA	NA
Mercury	**0.18**	**0.81**	0.11	0.016 U	**0.85**	0.10	0.017 U	0.017 U
Nickel	**30**	**310**	NA	NA	14.4	NA	NA	NA
Potassium	**NS**	**NS**	NA	NA	730 J	NA	NA	NA
Selenium	**3.9**	**180**	4.4 U	4 U	4.5 U	4.2 U	4.1 U	4 U
Silver	**2**	**180**	2.2 U	2 U	2.2 U	2.1 U	2 U	2 U
Sodium	**NS**	**NS**	NA	NA	738 J	NA	NA	NA
Thallium	**NS**	**NS**	NA	NA	4.5 U	NA	NA	NA
Vanadium	**NS**	**NS**	NA	NA	17.4	NA	NA	NA
Zinc	**109**	**10000**	NA	NA	**189**	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J3(23-25)-20170411	SSB-J3(28-30)-20170411	SSB-J3(33-35)-20170411	SSB-J3(36-38)-20170411	SSB-J4(3-5)-20170411	SSB-J4(8-10)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-2	460-131368-3	460-131368-4	460-131368-5	460-131368-6	460-131368-7
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4 And 20	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	8,660	NA
Antimony	NS	NS	NA	NA	NA	NA	3.4 U	NA
Arsenic	13	16	1.2 J	1.6 J	2.4 U	1.2 J	7.1	3.3
Barium	350	400	27.3 J	24.6 J	23.1 J	20.5 J	221	111
Beryllium	7.2	72	NA	NA	NA	NA	0.31 J	NA
Cadmium	2.5	4.3	0.72 U	0.64 U	0.65 U	0.62 U	0.68 U	0.64 U
Calcium	NS	NS	NA	NA	NA	NA	45,400	NA
Chromium, Total	30***	180***	5	5.3	5.3	4.9	10.9	5.7
Cobalt	NS	NS	NA	NA	NA	NA	3.9 J	NA
Copper	50	270	NA	NA	NA	NA	17.6	NA
Iron	NS	NS	NA	NA	NA	NA	14200	NA
Lead	63	400	3	5	3	3	**119**	**82**
Magnesium	NS	NS	NA	NA	NA	NA	3,070	NA
Manganese	1600	2000	NA	NA	NA	NA	184	NA
Mercury	0.18	0.81	0.019 U	0.016 U	0.017 U	0.017 U	**0.28**	0.063
Nickel	30	310	NA	NA	NA	NA	22.1	NA
Potassium	NS	NS	NA	NA	NA	NA	956	NA
Selenium	3.9	180	3.6 U	3.2 U	3.2 U	3.1 U	3.4 U	3.2 U
Silver	2	180	1.8 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U
Sodium	NS	NS	NA	NA	NA	NA	765 J	NA
Thallium	NS	NS	NA	NA	NA	NA	3.4 U	NA
Vanadium	NS	NS	NA	NA	NA	NA	13	NA
Zinc	109	10000	NA	NA	NA	NA	**201**	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J4(13-15)-20170411	SSB-J4(18-20)-20170411	SSB-J4(23-25)-20170411	SSB-J4(28-30)-20170411	SSB-J4(33-35)-20170411	SSB-J4(36-38)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-8	460-131368-9	460-131368-10	460-131368-11	460-131368-12	460-131368-13
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
		SCO						
Analyte	mg/kg	mg/kg						
Aluminum	NS	NS	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	NA	NA
Arsenic	13	16	6.6	1.5 J	2 J	1.5 J	1.9 J	1.4 J
Barium	350	400	83.6	24.2 J	26.6 J	26.4 J	28.9 J	27.9 J
Beryllium	7.2	72	NA	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.77 U	0.6 U	0.65 U	0.6 U	0.64 U	0.63 U
Calcium	NS	NS	NA	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	13.9	11.7	5.8	6.7	6.3	5.7
Cobalt	NS	NS	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	NA	NA
Lead	63	400	**87**	16	4	4	4	3
Magnesium	NS	NS	NA	NA	NA	NA	NA	NA
Manganese	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	0.18	0.81	**0.20**	0.016 U	0.017 U	0.017 U	0.016 U	0.017 U
Nickel	30	310	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	3.8 U	3 U	3.2 U	3 U	3.2 U	3.1 U
Silver	2	180	1.9 U	1.5 U	1.6 U	1.5 U	1.6 U	1.6 U
Sodium	NS	NS	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	NA	NA
Zinc	109	10000	NA	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J5(3-5)-20170411	SSB-J5(8-10)-20170411	SSB-X(8-10)-20170411	SSB-J5(13-15)-20170411	SSB-J5(18-20)-20170411	SSB-J5(23-25)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-14	460-131368-15	460-131368-22	460-131368-16	460-131368-17	460-131368-18
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential	4 And 10	2 And 4	1 And 4	1 And 4	1 And 4	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	NS	NS	8,380	NA	NA	NA	NA	NA
Antimony	NS	NS	3.6 U	NA	NA	NA	NA	NA
Arsenic	13	16	7.6	3.3	4.5	8.6	1.3 J	2 J
Barium	350	400	273	204	198	106	23.1 J	24.7 J
Beryllium	7.2	72	0.40	NA	NA	NA	NA	NA
Cadmium	2.5	4.3	0.73 U	0.75 U	0.71 U	0.77 U	0.62 U	0.61 U
Calcium	NS	NS	23,700	NA	NA	NA	NA	NA
Chromium, Total	30***	180***	15.3	10	11.5	7.9	5.2	7.3
Cobalt	NS	NS	5.1 J	NA	NA	NA	NA	NA
Copper	50	270	34.2	NA	NA	NA	NA	NA
Iron	NS	NS	13900	NA	NA	NA	NA	NA
Lead	63	400	**358**	**133**	**187**	**166**	3	11
Magnesium	NS	NS	5,170	NA	NA	NA	NA	NA
Manganese	1600	2000	326	NA	NA	NA	NA	NA
Mercury	0.18	0.81	**5.5**	**1.3 J**	**0.32**	**0.29**	0.016 U	0.016 U
Nickel	30	310	16.8	NA	NA	NA	NA	NA
Potassium	NS	NS	1,560	NA	NA	NA	NA	NA
Selenium	3.9	180	3.6 U	3.7 U	3.5 U	1.6 J	3.1 U	3 U
Silver	2	180	1.8 U	1.9 U	1.8 U	1.9 U	1.6 U	1.5 U
Sodium	NS	NS	527 J	NA	NA	NA	NA	NA
Thallium	NS	NS	3.6 U	NA	NA	NA	NA	NA
Vanadium	NS	NS	27.1	NA	NA	NA	NA	NA
Zinc	109	10000	**204**	NA	NA	NA	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	NYSDEC	SSB-J5(28-30)-20170411	SSB-J5(33-35)-20170411	SSB-J5(36-38)-20170411	SSB-J6(2-4)-20170411	SSB-J6(8-10)-20170411	SSB-J6(13-15)-20170411
Lab Sample ID	Part 375	Part 375	460-131368-19	460-131368-20	460-131368-21	460-131368-23	460-131368-24	460-131368-25
Date Sampled	Unrestricted	Restricted	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017	4/11/2017
Dilution Factor	SCO	Residential	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4	1 And 4
Analyte	mg/kg	SCO mg/kg						
Aluminum	**NS**	**NS**	NA	NA	NA	4,930	NA	NA
Antimony	**NS**	**NS**	NA	NA	NA	3.6 U	NA	NA
Arsenic	**13**	**16**	1.7 J	1.8 J	1.8 J	4.2	3.9	2.6
Barium	**350**	**400**	27.5 J	27.4 J	22.1 J	168	126	49.3
Beryllium	**7.2**	**72**	NA	NA	NA	0.36 U	NA	NA
Cadmium	**2.5**	**4.3**	0.65 U	0.65 U	0.62 U	0.72 U	0.74 U	0.64 U
Calcium	**NS**	**NS**	NA	NA	NA	21,500	NA	NA
Chromium, Total	**30*** **	**180*** **	5.6	5.3	4.8	6.8	14.1 J	**30.2**
Cobalt	**NS**	**NS**	NA	NA	NA	2.3 J	NA	NA
Copper	**50**	**270**	NA	NA	NA	12.1	NA	NA
Iron	**NS**	**NS**	NA	NA	NA	7580	NA	NA
Lead	**63**	**400**	3	4	3	**121**	**284 J**	5
Magnesium	**NS**	**NS**	NA	NA	NA	2,990	NA	NA
Manganese	**1600**	**2000**	NA	NA	NA	178	NA	NA
Mercury	**0.18**	**0.81**	0.016 U	0.016 U	0.016 U	**0.26**	0.17	0.017 U
Nickel	**30**	**310**	NA	NA	NA	7.7	NA	NA
Potassium	**NS**	**NS**	NA	NA	NA	743 J	NA	NA
Selenium	**3.9**	**180**	3.2 U	3.2 U	3.1 U	3.6 U	3.7 U	3.2 U
Silver	**2**	**180**	1.6 U	1.6 U	1.6 U	1.8 U	1.9 U	1.6 U
Sodium	**NS**	**NS**	NA	NA	NA	401 J	NA	NA
Thallium	**NS**	**NS**	NA	NA	NA	3.6 U	NA	NA
Vanadium	**NS**	**NS**	NA	NA	NA	11.1	NA	NA
Zinc	**109**	**10000**	NA	NA	NA	**147**	NA	NA

Table 6
Soil Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Dilution Factor Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SSB-J6(18-20)-20170411 460-131368-26 4/11/2017 1 And 4	SSB-J6(23-25)-20170411 460-131368-27 4/11/2017 1 And 4
Aluminum	**NS**	**NS**	NA	NA
Antimony	**NS**	**NS**	NA	NA
Arsenic	**13**	**16**	1.6 J	5.3
Barium	**350**	**400**	87.4	23.3 J
Beryllium	**7.2**	**72**	NA	NA
Cadmium	**2.5**	**4.3**	0.63 U	0.66 U
Calcium	**NS**	**NS**	NA	NA
Chromium, Total	**30*** **	**180*** **	2.9	**68.3**
Cobalt	**NS**	**NS**	NA	NA
Copper	**50**	**270**	NA	NA
Iron	**NS**	**NS**	NA	NA
Lead	**63**	**400**	8	4
Magnesium	**NS**	**NS**	NA	NA
Manganese	**1600**	**2000**	NA	NA
Mercury	**0.18**	**0.81**	0.017 U	0.017 U
Nickel	**30**	**310**	NA	NA
Potassium	**NS**	**NS**	NA	NA
Selenium	**3.9**	**180**	3.1 U	3.3 U
Silver	**2**	**180**	1.6 U	1.7 U
Sodium	**NS**	**NS**	NA	NA
Thallium	**NS**	**NS**	NA	NA
Vanadium	**NS**	**NS**	NA	NA
Zinc	**109**	**10000**	NA	NA

Table 6A
QA/QC Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID	FB-20170410	FB-20170412	FB-20170413	FB-20170414	FB-20170419	FB-20170420	FB-20170421	FB-20170424
Lab Sample ID	460-131292-11	460-131520-35	460-131670-38	460-131680-30	460-131962-39	460-131963-34	460-132063-31	460-132206-32
Date Sampled	4/10/2017	4/12/2017	4/13/2017	4/14/2017	4/19/2017	4/20/2017	4/21/2017	4/24/2017
Analyte								
Aluminum	40 U	NA	NA	NA	40 U	40 U	NA	40 U
Antimony	2 U	NA	NA	NA	2 U	2 U	NA	2 U
Arsenic	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Barium	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Beryllium	0.8 U	NA	NA	NA	0.8 U	0.8 U	NA	0.8 U
Cadmium	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Calcium	200 U	NA	NA	NA	200 U	200 U	NA	200 U
Chromium, Total	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Cobalt	4 U	NA	NA	NA	4 U	4 U	NA	4 U
Copper	4 U	NA	NA	NA	4 U	4 U	NA	4 U
Iron	120 U	NA	NA	NA	120 U	120 U	NA	120 U
Lead	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	200 U	NA	NA	NA	200 U	200 U	NA	200 U
Manganese	8 U	NA	NA	NA	8 U	8 U	NA	8 U
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	4 U	NA	NA	NA	4 U	4 U	NA	4 U
Potassium	200 U	NA	NA	NA	200 U	200 U	NA	200 U
Selenium	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Sodium	200 U	NA	NA	NA	200 U	200 U	NA	115 J
Thallium	0.8 U	NA	NA	NA	0.8 U	0.8 U	NA	0.8 U
Vanadium	4 U	NA	NA	NA	4 U	4 U	NA	4 U
Zinc	16 U	NA	NA	NA	16 U	16 U	NA	16 U

Table 6A
QA/QC Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID	FB-20170425	FB-20170426	FB1-20170412	FB1-20170414	FB1-20170419	FB1-20170420	FB1-20170424	FB2-20170414
Lab Sample ID	460-132231-34	460-132406-5	460-131520-36	460-131673-4	460-131962-40	460-131963-35	460-132206-33	460-131673-5
Date Sampled	4/25/2017	4/26/2017	4/12/2017	4/14/2017	4/19/2017	4/20/2017	4/24/2017	4/14/2017
Analyte								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Barium	4 U	4 U	4 U	1.2 J	4 U	4 U	4 U	4 U
Beryllium	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Cobalt	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA
Lead	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Sodium	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA

Table 6A
QA/QC Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID	FB2-20170419	FB2-20170420	FB3-20170414	FB3-20170419	FB3-20170420
Lab Sample ID	460-131962-41	460-131963-36	460-131673-6	460-131962-42	460-131963-37
Date Sampled	4/19/2017	4/20/2017	4/14/2017	4/19/2017	4/20/2017
Analyte					
Aluminum	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA
Arsenic	2 U	2 U	2 U	2 U	2 U
Barium	4 U	4 U	4 U	4 U	4 U
Beryllium	NA	NA	NA	NA	NA
Cadmium	2 U	2 U	2 U	2 U	2 U
Calcium	NA	NA	NA	NA	NA
Chromium, Total	4 U	4 U	4 U	4 U	4 U
Cobalt	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA
Lead	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	NA	NA	NA	NA	NA
Potassium	NA	NA	NA	NA	NA
Selenium	10 U	10 U	10 U	10 U	10 U
Silver	2 U	2 U	2 U	2 U	2 U
Sodium	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA

Table 7
Groundwater Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	TW-1-20170426-20170426	TW-2-20170426-20170426	TW-3-20170426-20170426	TW-4-20170427-20170427
Lab Sample ID	Class GA	460-132406-2	460-132406-3	460-132406-4	460-132456-1
Date Sampled	Ambient	4/26/2017	4/26/2017	4/26/2017	4/27/2017
	Standard				
Analyte	µg/L				
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	0.04	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	1	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dioxane (P-Dioxane)	NS	50 U	50 U	50 U	50 U
2-Hexanone	50	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	50	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	60	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	5	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7	1.0 U	3.3	2.9	1.3
Chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Cis-1,2-Dichloroethylene	5	1.0 U	1.0 U	1.0 U	1.0 U
Cis-1,3-Dichloropropene	NS	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	NS	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (Cumene)	5	1.0 U	1.0 U	1.0 U	1.0 U
M,P-Xylenes	5	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	NS	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Ethyl Ketone (2-Butanone)	50	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5.0 U	5.0 U	5.0 U	5.0 U
Methylcyclohexane	NS	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	5	1.0 U	1.0 U	1.0 U	1.0 U
O-Xylene (1,2-Dimethylbenzene)	5	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	5	1.0 U	1.0 U	1.0 U	1.0 U
Tert-Butyl Methyl Ether	10	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethylene (PCE)	5	1.0 U	1.6	2.1	2.3
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U
Trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U
Trans-1,3-Dichloropropene	NS	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethylene (TCE)	5	0.40 J	1.7	1.5	1.6
Trichlorofluoromethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	2	1.0 U	1.0 U	1.0 U	1.0 U

Table 7
Groundwater Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	TW-X-20170427-20170427	TW-5-20170427-20170427	TW-6-20170428-20170428	TW-7-20170428-20170428
Lab Sample ID	Class GA	460-132456-3	460-132456-2	460-132519-2	460-132519-3
Date Sampled	Ambient	4/27/2017	4/27/2017	4/28/2017	4/28/2017
	Standard				
Analyte	µg/L				
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	0.04	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	1	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dioxane (P-Dioxane)	NS	50 U	50 U	50 U	50 U
2-Hexanone	50	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	50	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide	60	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	5	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7	1.4	0.65 J	**10**	**18**
Chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Cis-1,2-Dichloroethylene	5	1.0 U	1.0 U	1.0 U	1.0 U
Cis-1,3-Dichloropropene	NS	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	NS	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (Cumene)	5	1.0 U	1.0 U	1.0 U	1.0 U
M,P-Xylenes	5	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	NS	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Ethyl Ketone (2-Butanone)	50	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5.0 U	5.0 U	5.0 U	5.0 U
Methylcyclohexane	NS	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	5	1.0 U	1.0 U	1.0 U	1.0 U
O-Xylene (1,2-Dimethylbenzene)	5	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	5	1.0 U	1.0 U	1.0 U	1.0 U
Tert-Butyl Methyl Ether	10	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethylene (PCE)	5	2.5	0.51 J	0.76 J	1.3
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U
Trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U
Trans-1,3-Dichloropropene	NS	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethylene (TCE)	5	1.7	2.2	1.8	1.5
Trichlorofluoromethane	5	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	2	1.0 U	1.0 U	1.0 U	1.0 U

Table 8
Groundwater Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	TW-1-20170426-20170426	TW-2-20170426-20170426	TW-3-20170426-20170426
Lab Sample ID	Class GA	460-132406-2	460-132406-3	460-132406-4
Date Sampled	Ambient	4/26/2017	4/26/2017	4/26/2017
	Standard			
Analyte	µg/L			
1,2,4-Trichlorobenzene	5	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	3	10 U	10 U	10 U
1,3-Dichlorobenzene	3	10 U	10 U	10 U
1,4-Dichlorobenzene	3	10 U	10 U	10 U
2,4-Dinitrotoluene	5	2.0 U	2.0 U	2.0 U
2,6-Dinitrotoluene	5	2.0 U	2.0 U	2.0 U
2-Chloronaphthalene	10	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U
Acenaphthene	20	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U
Benzo(A)Anthracene	0.002	1.0 U	1.0 U	1.0 U
Benzo(A)Pyrene	0	1.0 UJ	1.0 UJ	1.0 UJ
Benzo(B)Fluoranthene	0.002	1.0 UJ	1.0 UJ	1.0 UJ
Benzo(G,H,I)Perylene	NS	10 U	10 U	10 U
Benzo(K)Fluoranthene	0.002	1.0 UJ	1.0 U	1.0 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1.0 U	1.0 U	1.0 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	0.85 J	2.0 U	2.0 U
Carbazole	NS	10 U	10 U	10 U
Chrysene	0.002	2.0 U	2.0 U	2.0 U
Dibenz(A,H)Anthracene	NS	1.0 U	1.0 U	1.0 U
Dibenzofuran	NS	10 UJ	10 UJ	10 UJ
Diethyl Phthalate	50	2.8 J	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 UJ	10 UJ	10 UJ
Fluoranthene	50	10 U	10 U	10 U
Fluorene	50	10 UJ	10 U	10 U
Hexachlorobenzene	0.04	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	0.5	1.0 U	1.0 U	1.0 U
Hexachlorocyclopentadiene	5	10 UJ	10 UJ	10 UJ
Hexachloroethane	5	1.0 U	1.0 U	1.0 U
Indeno(1,2,3-C,D)Pyrene	0.002	1.0 U	1.0 U	1.0 U
Isophorone	50	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U
Nitrobenzene	0.4	1.0 UJ	1.0 UJ	1.0 UJ
N-Nitrosodi-N-Propylamine	NS	1.0 U	1.0 U	1.0 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U
Phenanthrene	50	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U

Table 8
Groundwater Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	TW-4-20170427-20170427	TW-X-20170427-20170427	TW-5-20170427-20170427
Lab Sample ID	Class GA	460-132456-1	460-132456-3	460-132456-2
Date Sampled	Ambient	4/27/2017	4/27/2017	4/27/2017
	Standard			
Analyte	µg/L			
1,2,4-Trichlorobenzene	5	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	3	11 U	11 U	11 U
1,3-Dichlorobenzene	3	11 U	11 U	11 U
1,4-Dichlorobenzene	3	11 U	11 U	11 U
2,4-Dinitrotoluene	5	2.2 U	2.2 U	2.2 U
2,6-Dinitrotoluene	5	2.2 U	2.2 U	2.2 U
2-Chloronaphthalene	10	11 U	11 U	11 U
2-Methylnaphthalene	NS	11 U	11 U	11 U
2-Nitroaniline	5	11 U	11 U	11 U
3,3'-Dichlorobenzidine	5	11 U	11 U	11 U
3-Nitroaniline	5	11 U	11 U	11 U
4-Bromophenyl Phenyl Ether	NS	11 U	11 U	11 U
4-Chloroaniline	5	11 U	11 U	11 U
4-Chlorophenyl Phenyl Ether	NS	11 U	11 U	11 U
4-Nitroaniline	5	11 U	11 U	11 U
Acenaphthene	20	11 U	11 U	11 U
Acenaphthylene	NS	11 U	11 U	11 U
Anthracene	50	11 U	11 U	11 U
Benzo(A)Anthracene	0.002	1.1 U	1.1 U	1.1 U
Benzo(A)Pyrene	0	1.1 U	1.1 U	1.1 U
Benzo(B)Fluoranthene	0.002	1.1 U	1.1 U	1.1 U
Benzo(G,H,I)Perylene	NS	11 U	11 U	11 U
Benzo(K)Fluoranthene	0.002	1.1 U	1.1 U	1.1 U
Benzyl Butyl Phthalate	50	11 U	11 U	11 U
Bis(2-Chloroethoxy) Methane	5	11 U	11 U	11 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1.1 U	1.1 U	1.1 U
Bis(2-Chloroisopropyl) Ether	5	11 U	11 U	11 U
Bis(2-Ethylhexyl) Phthalate	5	2.2 U	2.2 U	2.2 U
Carbazole	NS	11 U	11 U	11 U
Chrysene	0.002	2.2 U	2.2 U	2.2 U
Dibenz(A,H)Anthracene	NS	1.1 U	1.1 U	1.1 U
Dibenzofuran	NS	11 U	11 U	11 U
Diethyl Phthalate	50	11 U	11 U	2.1 J
Dimethyl Phthalate	50	11 U	11 U	11 U
Di-N-Butyl Phthalate	50	11 U	11 U	11 U
Di-N-Octylphthalate	50	11 U	11 U	11 U
Fluoranthene	50	11 U	11 U	11 U
Fluorene	50	11 U	11 U	11 U
Hexachlorobenzene	0.04	1.1 U	1.1 U	1.1 U
Hexachlorobutadiene	0.5	1.1 U	1.1 U	1.1 U
Hexachlorocyclopentadiene	5	11 U	11 U	11 U
Hexachloroethane	5	1.1 U	1.1 U	1.1 U
Indeno(1,2,3-C,D)Pyrene	0.002	1.1 U	1.1 U	1.1 U
Isophorone	50	11 U	11 U	11 U
Naphthalene	10	11 U	11 U	11 U
Nitrobenzene	0.4	1.1 U	1.1 U	1.1 U
N-Nitrosodi-N-Propylamine	NS	1.1 U	1.1 U	1.1 U
N-Nitrosodiphenylamine	50	11 U	11 U	11 U
Phenanthrene	50	11 U	11 U	11 U
Pyrene	50	11 U	11 U	11 U

Table 8
Groundwater Analytical Results for Semivolatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	TW-6-20170428-20170428	TW-7-20170428-20170428
Lab Sample ID	Class GA	460-132519-2	460-132519-3
Date Sampled	Ambient	4/28/2017	4/28/2017
	Standard		
Analyte	µg/L		
1,2,4-Trichlorobenzene	5	1.0 U	1.1 U
1,2-Dichlorobenzene	3	10 U	11 U
1,3-Dichlorobenzene	3	10 U	11 U
1,4-Dichlorobenzene	3	10 U	11 U
2,4-Dinitrotoluene	5	2.1 U	2.1 U
2,6-Dinitrotoluene	5	2.1 U	2.1 U
2-Chloronaphthalene	10	10 U	11 U
2-Methylnaphthalene	NS	10 U	11 U
2-Nitroaniline	5	10 U	11 U
3,3'-Dichlorobenzidine	5	10 U	11 U
3-Nitroaniline	5	10 U	11 U
4-Bromophenyl Phenyl Ether	NS	10 U	11 U
4-Chloroaniline	5	10 U	11 U
4-Chlorophenyl Phenyl Ether	NS	10 U	11 U
4-Nitroaniline	5	10 U	11 U
Acenaphthene	20	10 U	11 U
Acenaphthylene	NS	10 U	11 U
Anthracene	50	10 U	11 U
Benzo(A)Anthracene	0.002	1.0 U	1.1 U
Benzo(A)Pyrene	0	1.0 U	1.1 U
Benzo(B)Fluoranthene	0.002	1.0 U	1.1 U
Benzo(G,H,I)Perylene	NS	10 U	11 U
Benzo(K)Fluoranthene	0.002	1.0 UJ	1.1 UJ
Benzyl Butyl Phthalate	50	10 U	11 U
Bis(2-Chloroethoxy) Methane	5	10 U	11 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1.0 U	1.1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	11 U
Bis(2-Ethylhexyl) Phthalate	5	2.1 U	2.1 U
Carbazole	NS	10 U	11 U
Chrysene	0.002	2.1 UJ	2.1 UJ
Dibenz(A,H)Anthracene	NS	1.0 U	1.1 U
Dibenzofuran	NS	10 U	11 U
Diethyl Phthalate	50	10 U	11 U
Dimethyl Phthalate	50	10 U	11 U
Di-N-Butyl Phthalate	50	10 U	11 U
Di-N-Octylphthalate	50	10 U	11 U
Fluoranthene	50	10 U	11 U
Fluorene	50	10 U	11 U
Hexachlorobenzene	0.04	1.0 U	1.1 U
Hexachlorobutadiene	0.5	1.0 U	1.1 U
Hexachlorocyclopentadiene	5	10 UJ	11 UJ
Hexachloroethane	5	1.0 U	1.1 U
Indeno(1,2,3-C,D)Pyrene	0.002	1.0 U	1.1 U
Isophorone	50	10 U	11 U
Naphthalene	10	10 U	11 U
Nitrobenzene	0.4	1.0 UJ	1.1 UJ
N-Nitrosodi-N-Propylamine	NS	1.0 UJ	1.1 UJ
N-Nitrosodiphenylamine	50	10 U	11 U
Phenanthrene	50	10 U	11 U
Pyrene	50	10 UJ	11 UJ

Table 9
Groundwater Analytical Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Class GA Ambient Standard µg/L	TW-1-20170426-20170426 460-132406-2 4/26/2017	TW-2-20170426-20170426 460-132406-3 4/26/2017	TW-3-20170426-20170426 460-132406-4 4/26/2017	TW-4-20170427-20170427 460-132456-1 4/27/2017
PCB-1016 (Aroclor 1016)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1221 (Aroclor 1221)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1232 (Aroclor 1232)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1242 (Aroclor 1242)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1248 (Aroclor 1248)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1254 (Aroclor 1254)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1260 (Aroclor 1260)	NS	0.40 UJ	0.40 U	0.40 U	0.40 U
PCB-1262 (Aroclor 1262)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1268 (Aroclor 1268)	NS	0.40 U	0.40 U	0.40 U	0.40 U
Total Polychlorinated Biphenyl (PCBs)	0.09	0.40 U	0.40 U	0.40 U	0.40 U

Table 9
Groundwater Analytical Results for Polychlorinated Biphenyls
85 Jay Street, Brooklyn, NY

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Class GA Ambient Standard µg/L	TW-X-20170427-20170427 460-132456-3 4/27/2017	TW-5-20170427-20170427 460-132456-2 4/27/2017	TW-6-20170428-20170428 460-132519-2 4/28/2017	TW-7-20170428-20170428 460-132519-3 4/28/2017
PCB-1016 (Aroclor 1016)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1221 (Aroclor 1221)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1232 (Aroclor 1232)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1242 (Aroclor 1242)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1248 (Aroclor 1248)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1254 (Aroclor 1254)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1260 (Aroclor 1260)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1262 (Aroclor 1262)	NS	0.40 U	0.40 U	0.40 U	0.40 U
PCB-1268 (Aroclor 1268)	NS	0.40 U	0.40 U	0.40 U	0.40 U
Total Polychlorinated Biphenyl (PCBs)	0.09	0.40 U	0.40 U	0.40 U	0.40 U

Table 10
Groundwater Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	TW-1-20170426-20170426	TW-2-20170426-20170426	TW-3-20170426-20170426	TW-4-20170427-20170427
Lab Sample ID	Class GA	460-132406-2	460-132406-3	460-132406-4	460-132456-1
Date Sampled	Ambient	4/26/2017	4/26/2017	4/26/2017	4/27/2017
Dilution Factor	Standard	2	2	2	2
Total Metals	µg/L				
Aluminum	NS	72.3	70.9	73.1	277 J
Antimony	3	0.67 J	2.0 U	2.0 U	2.0 U
Arsenic	25	2.0 U	2.0 U	2.0 U	2.0 U
Barium	1,000	28.0	178	128	120
Beryllium	3	0.80 U	0.80 U	0.80 U	0.80 U
Cadmium	5	2.0 U	2.0 U	2.0 U	2.0 U
Calcium	NS	38,800	137,000	168,000	170,000
Chromium, Total	50	1.4 J	2.1 J	3.9 J	4.4
Cobalt	NS	4.0 U	1.7 J	1.4 J	4.0 U
Copper	200	3.4 J	4.4 JL	3.4 JL	2.1 J
Iron	300	182	260	194	**826 J**
Lead	25	3.5	**68.4**	1.9	0.56 J
Magnesium	35,000	4,850	**56,600**	**85,500**	**72,000**
Manganese	300	130	150	**381**	118
Mercury	0.7	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100	1.8 J	5.1	4.9	3.4 J
Potassium	NS	6410	10200	9880	18700
Selenium	10	1.7 J	5.9 J	5.7 JL	8.9 JL
Silver	50	2.0 U	2.0 U	2.0 U	2.0 U
Sodium	20,000	**21,700**	**313,000**	**136,000**	**117,000**
Thallium	0.5	0.80 U	0.80 U	0.80 U	0.80 U
Vanadium	NS	4.0 U	4.0 U	4.0 U	4.0 U
Zinc	2,000	8.0 J	17.1	9.5 J	16.0 U

Dissolved Metals	µg/L	2	2	2	2
Aluminum	NS	40.0 U	40.0 U	40.0 U	40.0 U
Antimony	3	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	25	2.0 U	2.0 U	2.0 U	2.0 U
Barium	1,000	26.6	167	124	108
Beryllium	3	0.80 U	0.80 U	0.80 U	0.80 U
Cadmium	5	2.0 U	2.0 U	2.0 U	2.0 U
Calcium	NS	39,500	126,000	164,000	169,000
Chromium, Total	50	4.0 U	1.5 J	3.1 J	2.5 J
Cobalt	NS	4.0 U	1.4 J	4.0 U	4.0 U
Copper	200	4.1	7.4 J	4.7 J	2.3 J
Iron	300	120 U	72.1 J	120 U	205
Lead	25	1.9	**48.5**	1.2	1.2 U
Magnesium	35,000	4,760	**49,700**	**80,000**	**71,000**
Manganese	300	122	121	**330**	84.9
Mercury	0.7	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100	4.0 U	5.1	4.4	3.0 J
Potassium	NS	6490	9250	9520	18400
Selenium	10	2.0 J	6.7 J	6.9 J	**10.9 J**
Silver	50	2.0 U	2.0 U	2.0 U	2.0 U
Sodium	20,000	**21,000**	**277,000**	**127,000 J**	**115,000**
Thallium	0.5	0.80 U	0.80 U	0.80 U	0.80 U
Vanadium	NS	4.0 U	4.0 U	4.0 U	4.0 U
Zinc	2,000	7.9 J	13.0 J	7.0 J	16.0 U

Table 10
Groundwater Analytical Results for Metals
85 Jay Street, Brooklyn, NY

Client ID	NYSDEC	TW-X-20170427-20170427	TW-5-20170427-20170427	TW-6-20170428-20170428	TW-7-20170428-20170428
Lab Sample ID	Class GA	460-132456-3	460-132456-2	460-132519-2	460-132519-3
Date Sampled	Ambient	4/27/2017	4/27/2017	4/28/2017	4/28/2017
Dilution Factor	Standard	2	2	2	2
Total Metals	µg/L				
Aluminum	NS	132 J	291	42.8	161
Antimony	3	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	25	2.0 U	2.0 U	2.0 U	2.0 U
Barium	1,000	117	85.3	107	102
Beryllium	3	0.80 U	0.80 U	0.80 U	0.80 U
Cadmium	5	2.0 U	2.0 U	2.0 U	2.0 U
Calcium	NS	174,000	154,000	105,000	129,000
Chromium, Total	50	4.0	3.0 J	3.1 J	2.3 J
Cobalt	NS	4.0 U	1.4 J	4.0 U	4.0 U
Copper	200	1.5 JL	1.6 J	4.0 U	4.0 U
Iron	300	**489 J**	**541**	67.7 J	243
Lead	25	1.2 U	0.60 J	1.2 U	1.2 U
Magnesium	35,000	**74,500**	**38,100**	30,000	**35,100**
Manganese	300	99.7	**809**	273	**350**
Mercury	0.7	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100	3.2 J	5.8	2.1 J	3.1 J
Potassium	NS	19100	13100	17300	7740
Selenium	10	8.8 JL	3.8 J	3.6 J	4.7 JL
Silver	50	2.0 U	2.0 U	2.0 U	2.0 U
Sodium	20,000	**122,000**	**47,800**	**78,300**	**90,200**
Thallium	0.5	0.80 U	0.80 U	0.80 U	0.80 U
Vanadium	NS	4.0 U	4.0 U	4.0 U	4.0 U
Zinc	2,000	16.0 UJ	16.0 U	16.0 U	16.0 U

Dissolved Metals	µg/L	2	2	2	2
Aluminum	NS	40.0 U	40.0 U	40.0 U	40.0 U
Antimony	3	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	25	2.0 U	2.0 U	2.0 U	2.0 U
Barium	1,000	102	77.5	107	97.1
Beryllium	3	0.80 U	0.80 U	0.80 U	0.80 U
Cadmium	5	2.0 U	2.0 U	2.0 U	2.0 U
Calcium	NS	158,000	145,000	106,000	129,000
Chromium, Total	50	3.2 J	1.8 J	3.0 J	1.6 J
Cobalt	NS	4.0 U	4.0 U	4.0 U	4.0 U
Copper	200	4.6 J	4.0 U	4.0 U	4.0 U
Iron	300	151	120 U	120 U	120 U
Lead	25	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	35,000	**66,600**	**35,400**	28,600	33,100
Manganese	300	61.0	**740**	266	**342**
Mercury	0.7	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100	3.7 J	4.8	2.0 J	2.8 J
Potassium	NS	16900	12200	17500	7780
Selenium	10	**10.4 J**	4.7 J	4.0 J	5.3 J
Silver	50	2.0 U	2.0 U	2.0 U	2.0 U
Sodium	20,000	**108,000**	**44,000**	**74,400**	**85,300**
Thallium	0.5	0.80 U	0.80 U	0.80 U	0.80 U
Vanadium	NS	4.0 U	4.0 U	4.0 U	4.0 U
Zinc	2,000	7.0 J	16.0 U	16.0 U	16.0 U

Table 11
Soil Vapor and Outdoor Air Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDOH 2006	AA-1-20170427	SV-1-20170427	SV-2-20170427	SV-3-20170427
Lab Sample ID	Soil Vapor	200-38410-8	200-38410-1	200-38410-2	200-38410-3
Date Sampled	Intrusion	4/27/2017	4/27/2017	4/27/2017	4/27/2017
Dilution Factor	Air Guidance	1	5	18.2	8
Analyte	Value $\mu g/m^3$				
1,1,1-Trichloroethane	NS	1.1 U	5.5 U	20 U	17
1,1,2,2-Tetrachloroethane	NS	1.4 U	6.9 U	25 U	11 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	1.5 U	7.7 U	28 U	12 U
1,1,2-Trichloroethane	NS	1.1 U	5.5 U	20 U	8.7 U
1,1-Dichloroethane	NS	0.81 U	4 U	15 U	6.5 U
1,1-Dichloroethene	NS	0.79 U	4 U	14 U	6.3 U
1,2,4-Trichlorobenzene	NS	3.7 U	19 U	68 U	30 U
1,2,4-Trimethylbenzene	NS	0.98 U	11	110	7.9 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	1.5 U	7.7 U	28 U	12 U
1,2-Dichlorobenzene	NS	1.2 U	6 U	22 U	9.6 U
1,2-Dichloroethane	NS	0.81 U	4 U	15 U	6.5 U
1,2-Dichloropropane	NS	0.92 U	4.6 U	17 U	7.4 U
1,2-Dichlorotetrafluoroethane	NS	1.4 U	7 U	25 U	11 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	0.98 U	4.9 U	18 U	7.9 U
1,3-Butadiene	NS	0.44 U	2.2 U	8.1 U	3.5 U
1,3-Dichlorobenzene	NS	1.2 U	6 U	22 U	9.6 U
1,4-Dichlorobenzene	NS	1.2 U	6 U	22 U	9.6 U
1,4-Dioxane (P-Dioxane)	NS	18 U	90 U	330 U	140 U
2,2,4-Trimethylpentane	NS	0.93 U	4.7 U	17 U	7.5 U
2-Chlorotoluene	NS	1 U	5.2 U	19 U	8.3 U
2-Hexanone	NS	2 U	56	140	38
4-Ethyltoluene	NS	0.98 U	4.9 U	40	7.9 U
Acetone	NS	12 U	78	220 U	95 U
Allyl Chloride (3-Chloropropene)	NS	1.6 U	7.8 U	28 U	13 U
Benzene	NS	0.86	3.9	12 U	5.1 U
Benzyl Chloride	NS	1 U	5.2 U	19 U	8.3 U
Bromodichloromethane	NS	1.3 U	6.7 U	24 U	11 U
Bromoform	NS	2.1 UJ	10 UJ	38 UJ	17 UJ
Bromomethane	NS	0.78 U	3.9 U	14 U	6.2 U
Butane	NS	3.5	5.9 U	23	17
Carbon Disulfide	NS	1.6 U	7.8 U	28 U	12 U
Carbon Tetrachloride	NS	0.49	1.3 U	4.6 U	2.7
Chlorobenzene	NS	0.92 U	4.6 U	17 U	7.4 U
Chlorodifluoromethane	NS	1.8 U	8.8 U	32 U	14 U
Chloroethane	NS	1.3 U	6.6 U	24 U	11 U
Chloroform	NS	0.98 U	4.9 U	18 U	7.8 U
Chloromethane	NS	1.2	5.2 U	19 U	8.3 U
Cis-1,2-Dichloroethylene	NS	0.79 U	4 U	14 U	6.3 U
Cis-1,3-Dichloropropene	NS	0.91 U	4.5 U	17 U	7.3 U
Cyclohexane	NS	0.69 U	3.4 U	13 U	5.5 U
Cymene	NS	1.1 U	5.5 U	20	8.8 U
Dibromochloromethane	NS	1.7 U	8.5 U	31 U	14 U
Dichlorodifluoromethane	NS	3.3	19	45 U	150
Dichloroethylenes	NS	1.6 U	7.9 U	29 U	13 U
Ethylbenzene	NS	0.87 U	8.7	16	6.9 U
Hexachlorobutadiene	NS	2.1 U	11 U	39 U	17 U
Isopropanol	NS	12 U	61 U	220 U	98 U
Isopropylbenzene (Cumene)	NS	0.98 U	4.9 U	18 U	7.9 U
M,P-Xylenes	NS	2.2 U	33	48	20
Methyl Ethyl Ketone (2-Butanone)	NS	1.5 U	510	1200	450
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	2 U	10 U	37 U	16 U
Methyl Methacrylate	NS	2 U	10 U	37 U	16 U
Methylene Chloride	60	1.7 U	8.7 U	32 U	14 U
Naphthalene	NS	2.6 U	13 U	48 U	21 U
N-Butylbenzene	NS	1.1 U	5.5 U	20 U	8.8 U
N-Heptane	NS	0.82 U	28	24	15
N-Hexane	NS	0.7 U	5.3	13 U	6.4
N-Propylbenzene	NS	0.98 U	4.9 U	18 U	7.9 U
O-Xylene (1,2-Dimethylbenzene)	NS	0.87 U	11	16 U	6.8
Sec-Butylbenzene	NS	1.1 U	5.5 U	22	8.8 U
Styrene	NS	0.85 U	4.3 U	16 U	6.8 U
T-Butylbenzene	NS	1.1 U	5.5 U	20 U	8.8 U
Tert-Butyl Alcohol	NS	15 U	76 U	280 U	120 U
Tert-Butyl Methyl Ether	NS	0.72 U	3.6 U	13 U	5.8 U
Tetrachloroethylene (PCE)	30	1.3	**42**	**88**	**71**
Tetrahydrofuran	NS	15 U	74 U	270 U	120 U
Toluene	NS	2.2	37	48	26
Trans-1,2-Dichloroethene	NS	0.79 U	4 U	14 U	6.3 U
Trans-1,3-Dichloropropene	NS	0.91 U	4.5 U	17 U	7.3 U
Trichloroethylene (TCE)	2	0.21 U	**31**	**4.9**	**170**
Trichlorofluoromethane	NS	3.3	120	20 U	230
Vinyl Bromide	NS	0.87 U	4.4 U	16 U	7 U
Vinyl Chloride	NS	0.1 U	0.51 U	1.9 U	0.82 U
Xylenes, Total	NS	3 U	44	55 U	27

Table 11
Soil Vapor and Outdoor Air Analytical Results for Volatile Organic Compounds
85 Jay Street, Brooklyn, NY

Client ID	NYSDOH 2006	SV-4-20170427	SV-5-20170427	SV-6-20170427	SV-7-20170427
Lab Sample ID	Soil Vapor	200-38410-4	200-38410-5	200-38410-6	200-38410-7
Date Sampled	Intrusion	4/27/2017	4/27/2017	4/27/2017	4/27/2017
Dilution Factor	Air Guidance	6.9	5	6.9	6.9
Analyte	Value $\mu g/m^3$				
1,1,1-Trichloroethane	NS	29	18	10	7.5 U
1,1,2,2-Tetrachloroethane	NS	9.5 U	6.9 U	9.5 U	9.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	11 U	7.7 U	11 U	11 U
1,1,2-Trichloroethane	NS	7.5 U	5.5 U	7.5 U	7.5 U
1,1-Dichloroethane	NS	5.6 U	4 U	5.6 U	5.6 U
1,1-Dichloroethene	NS	5.5 U	4 U	5.5 U	5.5 U
1,2,4-Trichlorobenzene	NS	26 U	19 U	26 U	26 U
1,2,4-Trimethylbenzene	NS	11	7.7	12	12
1,2-Dibromoethane (Ethylene Dibromide)	NS	11 U	7.7 U	11 U	11 U
1,2-Dichlorobenzene	NS	8.3 U	6 U	8.3 U	8.3 U
1,2-Dichloroethane	NS	5.6 U	4 U	5.6 U	5.6 U
1,2-Dichloropropane	NS	6.4 U	4.6 U	6.4 U	6.4 U
1,2-Dichlorotetrafluoroethane	NS	9.6 U	7 U	9.6 U	9.6 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	6.8 U	4.9 U	7.9	6.8 U
1,3-Butadiene	NS	3.1 U	2.5	3.1 U	3.1 U
1,3-Dichlorobenzene	NS	8.3 U	6 U	8.3 U	8.3 U
1,4-Dichlorobenzene	NS	8.3 U	6 U	8.3 U	8.3 U
1,4-Dioxane (P-Dioxane)	NS	120 U	90 U	120 U	120 U
2,2,4-Trimethylpentane	NS	6.4 U	4.7 U	6.4 U	6.4 U
2-Chlorotoluene	NS	7.1 U	5.2 U	7.1 U	7.1 U
2-Hexanone	NS	63	39	50	97
4-Ethyltoluene	NS	6.8 U	4.9 U	6.8 U	6.8 U
Acetone	NS	130	67	82 U	160
Allyl Chloride (3-Chloropropene)	NS	11 U	7.8 U	11 U	11 U
Benzene	NS	4.4 U	4.7	39	16
Benzyl Chloride	NS	7.1 U	5.2 U	7.1 U	7.1 U
Bromodichloromethane	NS	9.2 U	6.7 U	9.2 U	9.2 U
Bromoform	NS	14 UJ	10 UJ	14 UJ	14 UJ
Bromomethane	NS	5.4 U	3.9 U	5.4 U	5.4 U
Butane	NS	19	24	16	33
Carbon Disulfide	NS	11 U	7.8 U	11 U	11 U
Carbon Tetrachloride	NS	3.5	1.4	1.7 U	30
Chlorobenzene	NS	6.4 U	4.6 U	6.4 U	6.4 U
Chlorodifluoromethane	NS	12 U	8.8 U	12 U	12 U
Chloroethane	NS	9.1 U	6.6 U	9.1 U	9.1 U
Chloroform	NS	19	4.9 U	10	16
Chloromethane	NS	7.1 U	5.2 U	7.1 U	7.1 U
Cis-1,2-Dichloroethylene	NS	5.5 U	4 U	5.5 U	5.5 U
Cis-1,3-Dichloropropene	NS	6.3 U	4.5 U	6.3 U	6.3 U
Cyclohexane	NS	4.8 U	3.4 U	4.8 U	4.8 U
Cymene	NS	7.6 U	5.5 U	7.6 U	7.6 U
Dibromochloromethane	NS	12 U	8.5 U	12 U	12 U
Dichlorodifluoromethane	NS	160	38	17 U	17 U
Dichloroethylenes	NS	11 U	7.9 U	11 U	11 U
Ethylbenzene	NS	8.8	5.8	14	9
Hexachlorobutadiene	NS	15 U	11 U	15 U	15 U
Isopropanol	NS	85 U	61 U	85 U	85 U
Isopropylbenzene (Cumene)	NS	6.8 U	4.9 U	6.8 U	6.8 U
M,P-Xylenes	NS	33	22	56	34
Methyl Ethyl Ketone (2-Butanone)	NS	720	360	480	750
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	14 U	10 U	14 U	14 U
Methyl Methacrylate	NS	14 U	10 U	14 U	14 U
Methylene Chloride	60	12 U	8.7 U	12 U	12 U
Naphthalene	NS	18 U	13 U	18 U	18 U
N-Butylbenzene	NS	7.6 U	5.5 U	7.6 U	7.6 U
N-Heptane	NS	25	23	24	32
N-Hexane	NS	7.5	8.1	8.3	8.9
N-Propylbenzene	NS	6.8 U	4.9 U	6.8 U	6.8 U
O-Xylene (1,2-Dimethylbenzene)	NS	11	7.2	28	12
Sec-Butylbenzene	NS	7.6 U	5.5 U	7.6 U	7.6 U
Styrene	NS	5.9 U	4.3 U	5.9 U	5.9 U
T-Butylbenzene	NS	7.6 U	5.5 U	7.6 U	7.6 U
Tert-Butyl Alcohol	NS	100 U	76 U	100 U	100 U
Tert-Butyl Methyl Ether	NS	5 U	3.6 U	5 U	5 U
Tetrachloroethylene (PCE)	30	**34**	11	9.4 U	9.4 U
Tetrahydrofuran	NS	100 U	74 U	100 U	100 U
Toluene	NS	36	28	68	39
Trans-1,2-Dichloroethene	NS	5.5 U	4 U	5.5 U	5.5 U
Trans-1,3-Dichloropropene	NS	6.3 U	4.5 U	6.3 U	6.3 U
Trichloroethylene (TCE)	2	**290**	**76**	**91**	**110**
Trichlorofluoromethane	NS	250	51	7.8 U	7.8 U
Vinyl Bromide	NS	6 U	4.4 U	6 U	6 U
Vinyl Chloride	NS	0.71 U	0.51 U	0.71 U	0.71 U
Xylenes, Total	NS	43	30	85	46

Tables 1-11
Notes
85 Jay Street, Brooklyn, NY

GENERAL

NS : No standard.

NA : Not applicable.

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

J : The concentration given is an estimated value.

R : The result is rejected.

TS : Value represents a sum total standard.

JL : The result is an estimated quantity, but the result may be biaed low.

JH : The result is an estimated quantity, but the result may be biased high.

UJ : The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inacurate or imprecise.

SOIL

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

mg/kg : milligrams per kilogram = parts per million (ppm)

µg/L : micrograms per Liter = parts per billion (ppb)

Metals

***** :** Standard reflects trivalent, not total, Chromium.

Exceedances of Part 375 Unrestricted Soil Cleanup Objectives (UUSCO) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCO) are highlighted in gray.

GROUNDWATER

NYSDEC Class GA Ambient Standard : New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values.

µg/L : micrograms per Liter = parts per billion (ppb)

Exceedances of NYSDEC Class GA Ambient Standards are highlighted in bold font.

SOIL VAPOR

NYSDOH Soil Vapor Intrusion Air Guidance Value : NYSDOH Air Guideline Values (AGVs) and Table 3.3 Matrix 1 and 2 Chemicals presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 ("NYSDOH Vapor Intrusion Guidance Document"), updated September 2013 for change of AGV for PCE and August 2015 for TCE.

µg/m^3 : micrograms per cubic meter of air

Exceedances of NYSDOH Soil Vapor Intrusion Air Guidance Values are highlighted in bold font.

APPENDIX A
GEOPHYSICAL INVESTIGATION REPORT

GEOPHYSICAL INVESTIGATION REPORT

PERFORMED AT:

85 Jay St.
Brooklyn, NY 11201

PREPARED FOR:

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AKRF
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PREPARED BY:

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April 10, 2017

1.0INTRODUCTION

Enviroprobe Service, Inc. (Enviroprobe) is an environmental investigation services firm which provides monitoring well installation (HSA), Geoprobe (DPT) drilling services and Environmental & Engineering Geophysics (EEG) services to the environmental consulting and engineering community.

Enviroprobe conducted a subsurface geophysical investigation at the subject property within client-specified areas of concern. Due to conditions and objectives, the investigation utilized a RD1000 cart-mounted Ground Penetrating Radar (GPR) unit with a 250 MHz antenna, a Fisher TW-6 metallic locator, a Radiodetection RD4000TX3 multi-frequency transmitter, and a Radiodetection RD4000PXL receiver.

Ground penetrating radar (commonly called GPR) is a geophysical method that has been developed over the past thirty years for shallow, high-resolution, subsurface investigations of the earth. GPR uses high frequency pulsed electromagnetic waves (generally 10 MHz to 2,000 MHz) to acquire subsurface information. An EM wave is propagated downward into the ground by a transmitting antenna. Where abrupt changes in electrical properties occur in the subsurface, a portion of the energy is reflected back to the surface. This reflected wave is detected by a receiver antenna and transmitted to a control unit for real time processing and display. The penetration depth of the GPR unit varies from several inches to tens of feet according to site-specific conditions. The penetration depth decreases with increased soil conductivity. The penetration depth is the greatest in ice, dry sands, and fine gravels. Clayey, highly saline or saturated soils, areas covered by concrete, foundry slag, or other highly conductive materials greatly reduce GPR penetration. GPR is a method that is commonly used for environmental, engineering, archaeological, and other shallow investigations.

The Fisher TW-6 metallic locator is designed to find pipes, cables and other metallic objects such as underground storage tanks (UST's). The TW-6 transmitter generates an electromagnetic field that induces electrical currents in the subsurface. These currents produce a secondary electromagnetic field that is measured by the TW-6 receiver. One surveyor can carry both the transmitter and receiver together to search for underground metallic objects, although the TW-6 response can also be affected by the electrical properties of non-metallic materials in the subsurface.

2.0SCOPE OF WORK

On April 10, 2017, a geophysical technician from Enviroprobe Service Inc. was mobilized to the subject property to perform a geophysical investigation. The purpose of this investigation was to designate underground conduits/utilities and detect possible UST’s in all client-selected accessible portions of the subject property. These areas consisted mainly of grass, gravel, concrete, and dirt.

3.0SURVEY RESULTS

The survey was conducted using a cart-mounted GPR unit with a 250 MHz antenna, a Fisher TW-6 metallic locator, and a RD unit. The RD unit was used to trace common utilities from sources in and around the survey area. The RD receiver was also used in the passive mode to search for live underground electrical power cables and other utilities emitting 60Hz electromagnetic signals. When possible, the locations of utilities were confirmed with the GPR. A GPR survey was also performed in a grid pattern in at least two orthogonal directions to search for underground utilities. Designated utilities were marked on-site with spray paint using the following colors; red – electric and pink – unknown lines [see Figure 1].

The GPR and TW-6 were used in a grid pattern over all client-specified areas of the site. Based on the results of the GPR and TW-6 surveys, 4 unknown metallic anomalies consistent with metal scraps and/or reinforced concrete were delineated on site [see Figure 1].

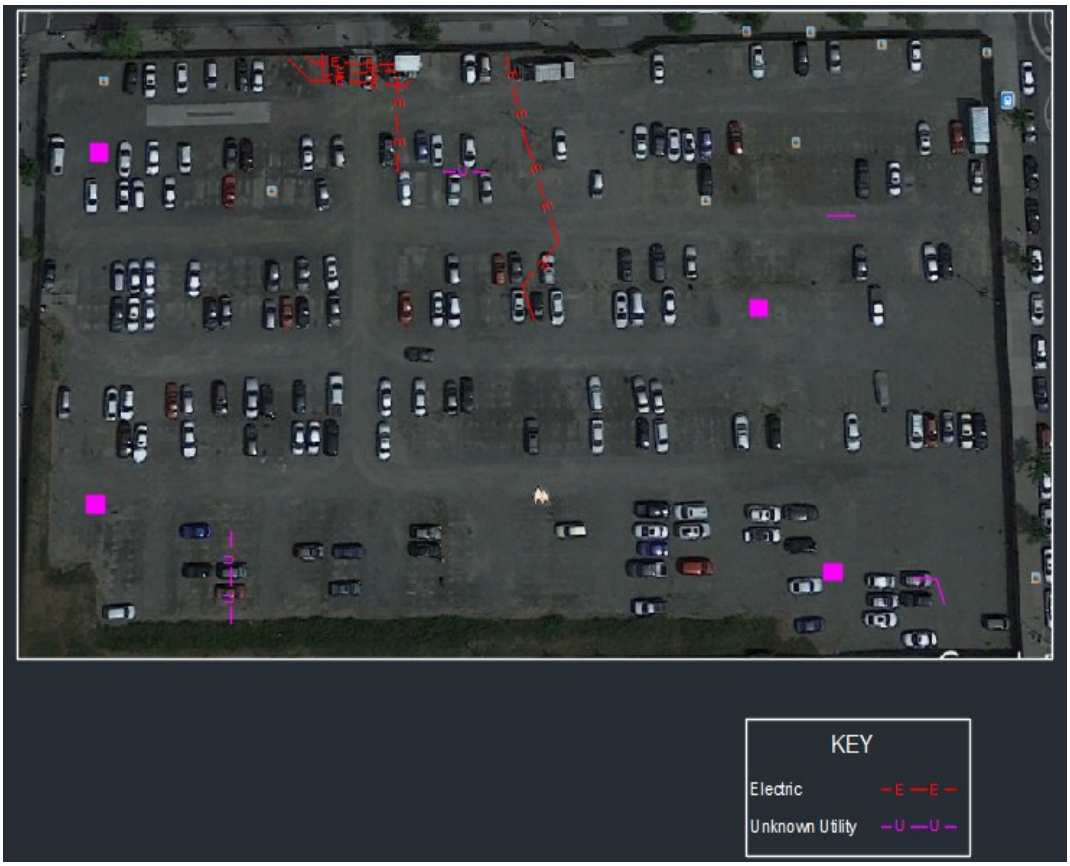


Figure 1. Unknown metallic anomalies highlighted in pink. (Not to scale)

4.0LIMITATIONS

The client-selected areas of the property contained obstructions including, metal fencing, metal parking post, reinforced concrete, and uneven terrain. These objects

prevented a thorough investigation of the spaces beneath and immediately adjacent to them.

Due to surface conditions and subsurface content, the GPR signal penetration was estimated at less than or equal to 4 ft in the majority of the survey area. This penetration was reduced in areas of concrete cover.

The TW-6 survey was kept up to 6 feet away from above ground objects containing metals depending on the sizes, shapes and positions of the metal objects. The TW-6 survey was not effective in areas with reinforced concrete.

Due to the dielectric properties of the subsurface, plastic polymer and fiberglass utilities may not have been detected.

All field services were conducted in compliance with the industry standard of care guidelines found in ASCE 38-02 (Level B).

5.0WARRANTIES

The field observations and measurements reported herein are considered sufficient in detail and scope for this project. Enviroprobe Service, Inc. warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental engineering methods. There is a possibility that conditions may exist which could not be identified within the scope of this project and were not apparent during the site activities performed for this project.

Enviroprobe represents that the services were performed in a manner consistent with that level of care and skill ordinarily exercised by environmental consultants under similar circumstances. No other representations to Client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

Enviroprobe Service, Inc. believes that the information provided in this report is reliable. However, Enviroprobe cannot warrant or guarantee that the information provided by others is complete or accurate. No other warranties or guarantees are implied or expressed.

GPR data is subject to signal anomalies and operator interpretation. The GPR data is intended to provide the locations of areas of concern requiring additional investigation or the approximate location of underground structures and utilities. Great care must be utilized when excavating and/or drilling around underground structures and utilities since GPR data can only be used for estimation purposes and GPR data is subject to misinterpretation. Enviroprobe cannot guarantee that utilities, post-tension cables, and/or rebar will not be incurred during drilling, cutting, coring, or excavating activities.

This report was prepared pursuant to the contract Enviroprobe has with the Client. That contractual relationship included an exchange of information about the property that was unique and between Enviroprobe and its client and serves as the basis upon which

this report was prepared. Because of the importance of the communication between Enviroprobe and its client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to Enviroprobe.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to Enviroprobe contract with the Client. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

APPENDIX B

SOIL BORING LOGS, GROUNDWATER SAMPLING LOGS, AND SOIL VAPOR/AMBIENT AIR SAMPLING LOGS

AKRF, Inc.
Environmental Consultants

Soil Vapor Sampling Log

Job No:	12519	**Client:**	85 Jay Street, LLC
Project Location:	85 Jay Street, Brooklyn	**Sampled By:**	MD
Date:	04/27/17		

Sample ID:	SV-1-20170427
Canister ID:	5151
Flow Controller ID:	3859

Purging

Time Started:	0710
Time Stopped:	0720
Vol. Purged:	1.0 liters
Flow Rate:	0.1 L/min

Laboratory Sample (Summa Canister)

Time Started:	0905	**Vacuum:**	-30 inHg
Time Stopped:	1113	**Vacuum:**	-5 inHg

Field Sample

PID Calibration:	04/27/2017
Time Started:	0710
Time Stopped:	0720
PID Reading:	4.5 ppm
He Reading	ND

AKRF, Inc.
Environmental Consultants

Soil Vapor Sampling Log

Job No:	12519	**Client:**	85 Jay Street, LLC
Project Location:	85 Jay Street, Brooklyn	**Sampled By:**	MD
Date:	04/27/17		

Sample ID: SV-2-20170427

Canister ID: 2565

Flow Controller ID: 3979

Purging

Time Started: 0720

Time Stopped: 0730

Vol. Purged: 1.0 liters

Flow Rate: 0.1 L/min

Laboratory Sample (Summa Canister)

Time Started:	0903	**Vacuum:**	-30 inHg
Time Stopped:	1112	**Vacuum:**	-5 inHg

Field Sample

PID Calibration: 04/27/2017

Time Started: 0720

Time Stopped: 0730

PID Reading: 10.7 ppm

He Reading ND

AKRF, Inc.
Environmental Consultants

Soil Vapor Sampling Log

Job No:	12519	**Client:**	85 Jay Street, LLC
Project Location:	85 Jay Street, Brooklyn	**Sampled By:**	MD
Date:	04/27/17		

Sample ID:	SV-3-20170427
Canister ID:	2622
Flow Controller ID:	3613

Purging

Time Started:	0730
Time Stopped:	0740
Vol. Purged:	1.0 liters
Flow Rate:	0.1 L/min

Laboratory Sample (Summa Canister)

Time Started:	0902	**Vacuum:**	-30 inHg
Time Stopped:	1111	**Vacuum:**	-5 inHg

Field Sample

PID Calibration:	04/27/2017
Time Started:	0730
Time Stopped:	0740
PID Reading:	5.2 ppm
He Reading	ND

AKRF, Inc.
Environmental Consultants

Soil Vapor Sampling Log

Job No:	12519	**Client:**	85 Jay Street, LLC
Project Location:	85 Jay Street, Brooklyn	**Sampled By:**	MD
Date:	04/27/17		

Sample ID: SV-4-20170427

Canister ID: 5167

Flow Controller ID: 2835

Purging

Time Started: 0740

Time Stopped: 0750

Vol. Purged: 1.0 liters

Flow Rate: 0.1 L/min

Laboratory Sample (Summa Canister)

Time Started:	0901	**Vacuum:**	-30 inHg
Time Stopped:	1109	**Vacuum:**	-5 inHg

Field Sample

PID Calibration: 04/27/2017

Time Started: 0740

Time Stopped: 0750

PID Reading: 5.8 ppm

He Reading ND

AKRF, Inc.
Environmental Consultants

Soil Vapor Sampling Log

Job No:	12519	**Client:**	85 Jay Street, LLC
Project Location:	85 Jay Street, Brooklyn	**Sampled By:**	MD
Date:	04/27/17		

Sample ID: SV-5-20170427

Canister ID: 2721

Flow Controller ID: 4532

Purging

Time Started: 0750

Time Stopped: 0800

Vol. Purged: 1.0 liters

Flow Rate: 0.1 L/min

Laboratory Sample (Summa Canister)

Time Started:	0859	**Vacuum:**	-30 inHg
Time Stopped:	1045	**Vacuum:**	-5 inHg

Field Sample

PID Calibration: 04/27/2017

Time Started: 0750

Time Stopped: 0800

PID Reading: 2.2 ppm

He Reading ND

AKRF, Inc.
Environmental Consultants

Soil Vapor Sampling Log

Job No:	12519	**Client:**	85 Jay Street, LLC
Project Location:	85 Jay Street, Brooklyn	**Sampled By:**	MD
Date:	04/27/17		

Sample ID: SV-6-20170427

Canister ID: 4872

Flow Controller ID: 5194

Purging

Time Started: 0810

Time Stopped: 0820

Vol. Purged: 1.0 liters

Flow Rate: 0.1 L/min

Laboratory Sample (Summa Canister)

Time Started:	0858	**Vacuum:**	-30 inHg
Time Stopped:	1108	**Vacuum:**	-6 inHg

Field Sample

PID Calibration: 04/27/2017

Time Started: 0810

Time Stopped: 0820

PID Reading: 2.2 ppm

He Reading ND

AKRF, Inc.
Environmental Consultants

Soil Vapor Sampling Log

Job No:	12519	**Client:**	85 Jay Street, LLC
Project Location:	85 Jay Street, Brooklyn	**Sampled By:**	MD
Date:	04/27/17		

Sample ID:	SV-7-20170427
Canister ID:	4278
Flow Controller ID:	5188

Purging

Time Started:	0820
Time Stopped:	0830
Vol. Purged:	1.0 liters
Flow Rate:	0.1 L/min

Laboratory Sample (Summa Canister)

Time Started:	0856	**Vacuum:**	-28 inHg
Time Stopped:	1107	**Vacuum:**	-4 inHg

Field Sample

PID Calibration:	04/27/2017
Time Started:	0820
Time Stopped:	0830
PID Reading:	0.4 ppm
He Reading	275 ppm

AKRF, Inc.
Environmental Consultants

Ambient Air Sampling Log

Job No:	12519	**Client:**	85 Jay Street, LLC
Project Location:	85 Jay Street, Brooklyn	**Sampled By:**	MD
Date:	04/27/17		

Sample ID:	AA-1-20170427
Canister ID:	3560
Flow Controller ID:	3717

Laboratory Sample (Summa Canister)

Time Started:	0912	**Vacuum:**	-30 inHg
Time Stopped:	1114	**Vacuum:**	-5 inHg

Potential VOC sources in vicinity: Light vehicle traffic surrounding the Site (closest street is approximately 150 feet away)

Well Sampling Log

Job No: 12519		**Client:** 85 Jay Street, LLC	**Well No:** TW-1
Project Location: 85 Jay Street, Brooklyn		**Sampled By:** ML	
Date: 04/26/17		**Sampling Time:** 0855	
LEL at surface: N/A			
PID at surface: ND			
Total Depth:	35.15 ft. below top of casing	**Water Column (WC):** 11.2 feet	*= 0.163 * WC for 2" wells
Depth to Water:	23.95 ft. below top of casing	**Well Volume*:** 0.46 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	ND ft. below top of casing	**Volume Purged:** 0.2 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	25.15 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	35.15 ft. below top of casing	**Purging Device (pump type):** 3/4" Bladder Pump	
Approx. Pump Intake:	32.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
8:20	23.95	100	13.71	0.397	8.36	7.93	-12.2	192.1	MS/MSD sampled at TW-1
8:25	23.95	100	14.00	0.355	6.49	7.69	-33.3	119.2	
8:30	23.95	100	14.06	0.353	6.34	7.68	-36.1	100.6	
8:35	23.95	100	14.14	0.352	6.13	7.66	-39.4	77.7	
8:40	23.95	100	14.21	0.351	6.03	7.66	-40.4	44.4	
8:45	23.95	100	14.24	0.350	6.07	7.67	-40.2	37.7	
8:50	23.95	100	14.27	0.350	6.20	7.67	-39.3	30.7	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, PCBs, Metals (Total and Dissolved)

Well Sampling Log

Job No: 12519		**Client:** 85 Jay Street, LLC	**Well No:** TW-2
Project Location: 85 Jay Street, Brooklyn		**Sampled By:** ML	
Date: 04/26/17		**Sampling Time:** 1210	
LEL at surface: N/A			
PID at surface: ND			
Total Depth:	39.55 ft. below top of casing	**Water Column (WC):** 9.62 feet	*= 0.163 * WC for 2" wells
Depth to Water:	29.93 ft. below top of casing	**Well Volume*:** 0.40 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	ND ft. below top of casing	**Volume Purged:** 2 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	29.55 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	39.55 ft. below top of casing	**Purging Device (pump type):** 3/4" Bladder Pump	
Approx. Pump Intake:	36.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
11:35	29.93	100	15.02	2.177	4.68	7.16	-19.5	713.7	
11:40	29.93	100	15.20	2.337	4.88	7.12	-36.7	283.1	
11:45	29.93	100	15.47	2.413	5.18	7.10	-32.4	141.2	
11:50	29.93	100	15.50	2.467	5.41	7.11	-26.0	56.1	
11:55	29.93	100	15.44	2.489	5.53	7.11	-21.3	41.8	
12:00	29.93	100	15.50	2.505	5.58	7.08	-19.6	18.0	
12:05	29.93	100	15.59	2.517	5.62	7.10	-39.3	15.2	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, PCBs, Metals (Total and Dissolved)

Well Sampling Log

Job No: 12519	**Client:** 85 Jay Street, LLC	**Well No:**	
Project Location: 85 Jay Street, Brooklyn	**Sampled By:** ML	**TW-3**	
Date: 04/26/17	**Sampling Time:** 1410		
LEL at surface: N/A			
PID at surface: ND			
Total Depth: 39.00 ft. below top of casing	**Water Column (WC):** 10.54 feet	*= 0.163 * WC for 2" wells	
Depth to Water: 28.46 ft. below top of casing	**Well Volume*:** 0.43 gallons	*= 0.653 * WC for 4" wells	
Depth to Product: ND ft. below top of casing	**Volume Purged:** 2 gallons	*= 1.469 * WC for 6" wells	
Depth to top of screen: 29.00 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min	
Depth to bottom of screen: 39.00 ft. below top of casing	**Purging Device (pump type):** 3/4" Bladder Pump		
Approx. Pump Intake: 37.00 ft. below top of casing			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
13:15	28.46	100	15.07	1.998	4.71	7.19	-47.6	391.7	
13:20	28.46	100	15.13	1.996	4.41	7.11	-55.8	312.2	
13:25	28.46	100	15.12	1.994	4.00	7.06	-64.1	204.5	
13:30	28.46	100	15.14	2.014	4.06	7.03	-66.4	140.2	
13:35	28.46	100	15.07	2.053	4.45	7.00	-61.0	68.9	
13:40	28.46	100	15.09	2.065	4.78	7.00	-56.1	43.0	
13:45	28.46	100	15.12	2.081	5.05	6.99	-48.1	20.8	
13:50	28.46	100	15.11	2.083	5.21	6.98	-42.9	16.9	
13:55	28.46	100	15.09	2.084	5.48	6.98	-39.0	14.4	
14:00	28.46	100	15.08	2.084	5.58	6.98	-35.4	13.0	
14:05	28.46	100	15.09	2.082	5.65	6.99	-32.7	10.8	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, PCBs, Metals (Total and Dissolved)

Well Sampling Log

Job No: 12519	**Client:** 85 Jay Street, LLC	**Well No:**	
Project Location: 85 Jay Street, Brooklyn	**Sampled By:** ML	**TW-4**	
Date: 04/27/17	**Sampling Time:** 805		
LEL at surface: N/A	810		
PID at surface: ND			
Total Depth: 40.14 ft. below top of casing	**Water Column (WC):** 11.89 feet	*= 0.163 * WC for 2" wells	
Depth to Water: 28.25 ft. below top of casing	**Well Volume*:** 0.49 gallons	*= 0.653 * WC for 4" wells	
Depth to Product: ND ft. below top of casing	**Volume Purged:** 0.2 gallons	*= 1.469 * WC for 6" wells	
Depth to top of screen: 30.14 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min	
Depth to bottom of screen: 40.14 ft. below top of casing	**Purging Device (pump type):** 3/4" Bladder Pump		
Approx. Pump Intake: 38.00 ft. below top of casing			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
7:30	28.25	100	14.95	1.754	4.48	7.41	-100.2	160.1	
7:35	28.25	100	14.67	1.857	3.78	7.13	-96.7	60.7	
7:40	28.25	100	14.70	1.876	3.97	7.06	-90.4	32.8	
7:45	28.25	100	14.70	1.879	3.97	7.05	-88.0	27.3	
7:50	28.25	100	14.74	1.881	4.14	7.02	-80.5	20.7	
7:55	28.25	100	14.78	1.882	4.25	7.00	-76.3	16.9	
8:00	28.25	100	14.86	1.883	4.32	7.00	-76.0	17.0	
									Blind Duplicate was sampled at TW-4
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, PCBs, Metals (Total and Dissolved)

Well Sampling Log

Job No: 12519		**Client:** 85 Jay Street, LLC	**Well No:** TW-5
Project Location: 85 Jay Street, Brooklyn		**Sampled By:** ML	
Date: 04/27/17		**Sampling Time:** 1105	
LEL at surface: N/A			
PID at surface: ND			
Total Depth:	39.60 ft. below top of casing	**Water Column (WC):** 5.80 feet	*= 0.163 * WC for 2" wells
Depth to Water:	33.80 ft. below top of casing	**Well Volume*:** 0.24 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	ND ft. below top of casing	**Volume Purged:** 0.4 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	29.60 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	39.60 ft. below top of casing	**Purging Device (pump type):** 3/4" Bladder Pump	
Approx. Pump Intake:	36.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
9:55	33.80	100	15.57	1.056	4.28	7.21	-54.3	1401.2	
10:00	33.80	100	15.68	1.068	4.11	7.17	-64.2	1402.1	
10:05	33.80	100	15.77	1.084	4.10	7.13	-69.5	1396.1	
10:10	33.80	100	15.87	1.095	4.17	7.10	-71.9	567.8	
10:15	33.80	100	15.98	1.105	4.28	7.09	-72.7	240.6	
10:20	33.80	100	16.03	1.108	4.34	7.08	-72.5	200.1	
10:25	33.80	100	16.16	1.111	4.42	7.07	-72.4	117.7	
10:30	33.80	100	16.31	1.114	4.46	7.06	-71.8	89.5	
10:35	33.80	100	16.21	1.118	4.52	7.06	-70.4	63.4	
10:40	33.80	100	16.22	1.118	4.57	7.05	-70.1	62.5	
10:45	33.80	100	16.36	1.116	4.64	7.05	-69.3	55.5	
10:50	33.80	100	16.59	1.120	4.65	7.05	-68.7	45.5	
10:55	33.80	100	16.58	1.122	4.72	7.05	-67.4	27.4	
11:00	33.80	100	16.93	1.126	4.78	7.05	-66.2	9.7	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, PCBs, Metals (Total and Dissolved)

Well Sampling Log

Job No: 12519		**Client:** 85 Jay Street, LLC	**Well No:** TW-6
Project Location: 85 Jay Street, Brooklyn		**Sampled By:** ML	
Date: 04/28/17		**Sampling Time:** 1130	
LEL at surface: N/A			
PID at surface: ND			
Total Depth:	43.20 ft. below top of casing	**Water Column (WC):** 5.45 feet	*= 0.163 * WC for 2" wells
Depth to Water:	37.75 ft. below top of casing	**Well Volume*:** 0.22 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	ND ft. below top of casing	**Volume Purged:** 0.2 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	33.20 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	43.20 ft. below top of casing	**Purging Device (pump type):** 3/4" Bladder Pump	
Approx. Pump Intake:	41.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
10:55	37.75	100	21.00	1.215	5.66	7.58	13.8	106.3	
11:00	37.75	100	20.05	1.200	6.75	7.47	15.5	94.1	
11:05	37.75	100	19.90	1.195	5.83	7.46	13.5	82.3	
11:10	37.75	100	19.87	1.188	5.49	7.41	-1.9	35.5	
11:15	37.75	100	20.07	1.190	5.40	7.40	-7.7	21.7	
11:20	37.75	100	20.00	1.191	5.40	7.40	-10.5	23.5	
11:25	37.75	100	20.26	1.190	5.33	7.31	-12.6	10.3	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, PCBs, Metals (Total and Dissolved)

AKRF

Well Sampling Log

Job No: 12519	**Client:** 85 Jay Street, LLC	**Well No:**	
Project Location: 85 Jay Street, Brooklyn	**Sampled By:** ML	**TW-7**	
Date: 04/28/17	**Sampling Time:** 1330		
LEL at surface: N/A			
PID at surface: ND			
Total Depth: 45.20 ft. below top of casing	**Water Column (WC):** 5.30 feet	*= 0.163 * WC for 2" wells	
Depth to Water: 39.90 ft. below top of casing	**Well Volume*:** 0.22 gallons	*= 0.653 * WC for 4" wells	
Depth to Product: ND ft. below top of casing	**Volume Purged:** 0.2 gallons	*= 1.469 * WC for 6" wells	
Depth to top of screen: 35.20 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min	
Depth to bottom of screen: 45.20 ft. below top of casing	**Purging Device (pump type):** 3/4" Bladder Pump		
Approx. Pump Intake: 44.00 ft. below top of casing			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
12:55	39.90	100	19.77	1.377	4.19	7.38	25.2	164	
13:00	39.90	100	19.07	1.361	4.05	7.35	17.8	122.1	
13:05	39.90	100	18.29	1.342	4.70	7.32	13.9	37.0	
13:10	39.90	100	18.18	1.338	4.92	7.30	15.0	22.7	
13:15	39.90	100	18.35	1.339	5.11	7.29	17.5	13.4	
13:20	39.90	100	18.42	1.338	5.22	7.29	18.1	11.9	
13:25	39.90	100	18.35	1.341	5.30	7.28	20.0	7.6	

Stabilization Criteria:	+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, PCBs, Metals (Total and Dissolved)

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: SSB-A1

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 07:40 **Finish Time:** 08:05
Date: 4/25/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	34	Top 4": Gray SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	
2		Bottom 30": Brown SAND, some Silt, trace fine Gravel, Brick, Cinders, Ceramic (FILL).	ND	DRY	ND	ND	SSB-A1(3-5)-20170425
3							SSB-A1(3-5) MS/MSD 20170425
4							
5							
6	28	Brown SAND, some Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	SSB-A1(8-10)-20170425
7							
8							
9							
10							
11	31	Top 15": Brown SAND, some Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	
12							SSB-A1(13-15)-20170425
13		Bottom 16": Light Brown / Tan SAND, trace Silt, fine Gravel, Brick (FILL).	ND	DRY	ND	ND	SSB-A1(13-15) MS/MSD 20170425
14							
15							
16	28	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-A1(18-20)-20170425
17							
18							
19							
20							

Notes:
Groundwater encountered at approximately 23 feet below grade during soil boring installation.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-A1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Rain
Logged By:	ML, AKRF

Drilling

Start Time: 07:40 **Finish Time:** 08:05

Date: 4/25/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21	31	Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-A1(20-22)-20170425
22							
23							
24			ND	WET	ND	ND	
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater encountered at approximately 23 feet below grade during soil boring installation.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-A2**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 08:25 **Finish Time:** 09:00
Date: 4/25/17

Depth (feet)	Recovery (Inches)	**Surface Condition:** Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	34	Top 4": Gray SAND, some Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	
2		Bottom 30": Brown SAND, some Silt, trace Cinders, Brick, fine Gravel (FILL).	ND	DRY	ND	ND	
3							SSB-A2(3-5)-20170425
4							
5							
6	33	Brown SAND, some Silt, Brick, trace Cinders, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-A2(8-10)-20170425
7							
8							
9							
10							
11	32	Brown SAND, trace Silt, fine Gravel, Brick (FILL).	ND	DRY	ND	ND	SSB-A2(13-15)-20170425
12							
13							SSB-X(13-15)-20170425
14							
15							
16	29	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-A2(18-20)-20170425
17							
18							
19							
20							

Notes:
Groundwater encountered at approximately 24 feet below grade during soil boring installation.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-A2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 07:40 Finish Time: 08:05
Date: 4/25/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21	42	Top 39": Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-A1(20-22)-20170425
22							
23							
24							
25		Bottom 3": Weathered ROCK (black and white).	ND	WET	ND	ND	
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater encountered at approximately 24 feet below grade during soil boring installation.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-A3**

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Rain
Logged By:	ML, AKRF

Drilling

Start Time: 08:25 **Finish Time:** 09:00

Date: 4/25/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 - 5	12	Brown SAND, some Silt, trace fine Gravel, Cinders, Brick (FILL).	ND	DRY	ND	ND	SSB-A3(3-5)-20170425
6 - 10	25	Brown SAND, some Silt, trace fine Gravel, Cinders, Brick (FILL).	ND	DRY	ND	ND	SSB-A3(8-10)-20170425
11 - 15	35	Brown SAND, some Silt, trace fine Gravel, Brick, Cinders (FILL).	ND	DRY	ND	ND	SSB-A3(13-15)-20170425
16 - 20	37	Brown SAND, some Silt, trace Clay, fine Gravel, Cinders, Brick (FILL).	ND	DRY	ND	ND	SSB-A3(18-20)-20170425

Notes:
Groundwater not encountered.
Refusal of soil boring at 20 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-A4**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Rain
Logged By:	ML, AKRF

Drilling

Start Time: 10:00 **Finish Time:** 10:40

Date: 4/25/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 - 5	33	Gray / Brown SAND, some Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	SSB-A4(3-5)-20170425
6 - 10	37	Top 18": Brown SAND, some Silt, trace fine Gravel (FILL). Bottom 19": Light Brown SAND, some Silt, trace fine Gravel.	ND ND	DRY DRY	ND ND	ND ND	SSB-A4(8-10)-20170425
11 - 15	35	Light Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-A4(13-15)-20170425
16 - 20	37	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-A4(18-20)-20170425

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-A4**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 10:00 **Finish Time:** 10:40
Date: 4/25/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	41	Light Brown / Red Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-A4(23-25)-20170425
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-A5**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 10:50 **Finish Time:** 11:40
Date: 4/25/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	37	Top 7": Gray SAND, some Silt, fine to medium Gravel, trace Brick, Cinders, Glass (FILL).	ND	DRY	ND	ND	SSB-A5(3-5)-20170425
2		Bottom 30": Brown SAND, trace Silt, fine Gravel (FILL).	ND	DRY	ND	ND	
3							
4							
5							
6	35	Brown SAND, trace Silt, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-A5(8-10)-20170425
7							
8							
9							
10							
11	38	Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-A5(13-15)-20170425
12							
13							
14							
15							
16	42	Light Brown / Red Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-A5(18-20)-20170425
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-A5**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 10:50 **Finish Time:** 11:40
Date: 4/25/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	40	Light Brown / Red Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-A5(23-25)-20170425
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-A6

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe	Drilling	
Sampling Method:	5' Macrocore	Start Time: 11:46	Finish Time: 12:50
Driller:	Cascade		
Weather:	50°F, Rain	Date: 4/25/17	
Logged By:	ML, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	29	Top 19": Gray SAND, trace Silt, fine to medium Gravel, Brick, Cinders (FILL).	ND	DRY	ND	ND	
2							SSB-A6(3-5)-20170425
3							SSB-X(3-5)-20170425
4		Bottom 10": Brown SAND, trace Silt, fine Gravel (FILL).	ND	DRY	ND	ND	
5							
6	38	Brown SAND, trace Silt, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-A6(8-10)-20170425
7							
8							
9							
10							
11	47	Brown SAND, some fine Gravel, trace Silt, Ceramic (FILL).	ND	DRY	ND	ND	SSB-A6(13-15)-20170425
12							
13							
14							
15							
16	48	Light Brown / Red Brown SAND, trace Silt, fine Gravel, Clay.	ND	DRY	ND	ND	SSB-A6(18-20)-20170425
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-A6**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 11:46 **Finish Time:** 12:50
Date: 4/25/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 – 25	49	Light Brown / Red Brown SAND, some fine to medium Gravel, trace Silt.	ND	DRY	ND	ND	SSB-A6(23-25)-20170425
26 – 30	50	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-A6(28-30)-20170425
31 – 35	48	Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-A6(33-35)-20170425
36 – 40							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-B1**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 07:58 **Finish Time:** 08:30
Date: 4/24/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 - 5	18	Gray SAND, fine to medium Gravel, trace Silt (FILL).	ND	DRY	ND	ND	SSB-B1(3-5)-20170424
6 - 10	18	Top 2": BRICK (FILL). Bottom 16": Brown SAND, Silt, trace Brick, fine Gravel, Wood (FILL).	ND ND	DRY DRY	ND ND	ND ND	SSB-B1(8-10)-20170424 SSB-B1(8-10) MS/MSD 20170424
11 - 15	23	Brown SAND, some Silt, trace fine Gravel, Cinders (FILL).	ND	DRY	ND	ND	SSB-B1(13-15)-20170424
16 - 20	12	Light Brown SAND, trace Silt, fine Gravel, Brick (FILL).	ND	DRY	ND	ND	SSB-B1(18-20)-20170424

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-B1**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 07:58 **Finish Time:** 08:30
Date: 4/24/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21	20	Top 4": Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-B1(23-25)-20170424
22		Next 8": Brown SAND, Silt, Clay, trace fine Gravel.	ND	DRY	ND	ND	
23		Next 2": GRAVEL.	ND	DRY	ND	ND	
24		Bottom 6": Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: SSB-B2
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 08:40 **Finish Time:** 09:10
Date: 4/24/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 - 5	25	Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-B2(3-5)-20170424
6 - 10	36	Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-B2(8-10)-20170424 SSB-X(8-10)-20170424
11 - 15	35	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-B2(13-15)-20170424
16 - 20	20	Top 10": Brown SAND, Silt, some Clay, trace fine Gravel. Bottom 10": Brown SAND, some Silt, trace fine Gravel.	ND ND	DRY DRY	ND ND	ND ND	SSB-B2(18-20)-20170424

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID:	SSB-B2
	Sheet 2 of 2	

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling

Start Time: 08:40 **Finish Time:** 09:10

Date: 4/24/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	39	Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-B2(23-25)-20170424
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: SSB-B3
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 09:20 **Finish Time:** 09:45
Date: 4/24/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 - 5	18	Brown SAND, some Silt, trace fine Gravel, Cinders, Brick (FILL).	ND	DRY	ND	ND	SSB-B3(3-5)-20170424
6 - 8	30	Top 24": CONCRETE.	ND	DRY	ND	ND	SSB-B3(8-10)-20170424
9 - 10		Bottom 6": Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	
11 - 15	33	Brown SAND, some Silt, trace Clay, fine Gravel.	ND	DRY	ND	ND	SSB-B3(13-15)-20170424
16 - 20							

Notes:
Groundwater not encountered.
End of soil boring at 15 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-B4**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling

Start Time: 10:00 **Finish Time:** 10:45

Date: 4/24/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	28	Top 6": Gray / Brown SAND, some Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	SSB-B4(3-5)-20170424
2		Bottom 22": Brown SAND, trace Silt, fine Gravel, Brick (FILL).	ND	DRY	ND	ND	
3							
4							
5							
6	34	Brown SAND, trace Silt, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-B4(8-10)-20170424
7							
8							
9							
10							
11	36	Brown SAND, trace Silt, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-B4(13-15)-20170424
12							
13							
14							
15							
16	12	Brown SAND, some fine Gravel, trace Silt.	ND	DRY	ND	ND	SSB-B4(18-20)-20170424
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-B4**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 10:00 **Finish Time:** 10:45
Date: 4/24/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	40	Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-B4(23-25)-20170424
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-B5

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe	Drilling	
Sampling Method:	5' Macrocore	Start Time: 11:00	Finish Time: 11:45
Driller:	Cascade		
Weather:	50°F, Cloudy	Date: 4/24/17	
Logged By:	ML, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 2 3 4 5	24	Brown SAND, some Silt, trace Brick, fine Gravel, Cinders (FILL).	ND	DRY	ND	ND	SSB-B5(3-5)-20170424 SSB-X(3-5)-20170424
6 7 8 9 10	22	Top 16": Brown SAND, some Silt, trace fine Gravel, Brick (FILL). Next 2": CONCRETE. Bottom 4": Brown SAND, little Silt, trace fine Gravel (FILL).	ND ND ND	DRY DRY DRY	ND ND ND	ND ND ND	SSB-B5(8-10)-20170424
11 12 13 14 15	30	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-B5(13-15)-20170424
16 17 18 19 20	36	Brown SAND, some fine Gravel little Silt.	ND	DRY	ND	ND	SSB-B5(18-20)-20170424

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-B5

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 11:00 Finish Time: 11:45
Date: 4/24/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	40	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-B5(23-25)-20170424
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: SSB-B6 Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 11:45 **Finish Time:** 12:45
Date: 4/24/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	30	Top 25": Brown SAND, some Silt, trace fine Gravel, Brick, Odor (FILL).	ND	Dry	18.1	ND	
2			Petroleum-Like	Dry	23.5	ND	
3			Petroleum-Like	Dry	47.2	ND	SSB-B6(3-5)-20170424
4		Bottom 5": Very Dark Gray SAND, some Silt, trace fine Gravel, Brick, odor, possible staining (FILL).	Petroleum-Like	Dry	53.1	ND	
5			Petroleum-Like	Dry	57.6	ND	
6	31	Gray SAND, little Silt, trace sine Gravel (FILL).	Petroleum-Like	DRY	71.3	ND	
7			Petroleum-Like	DRY	64.4	ND	SSB-B6(8-10)-20170424
8			Petroleum-Like	DRY	73.7	ND	SSB-B6(8-10) MS/MSD 20170424
9			Petroleum-Like	DRY	100.1	ND	
10			Petroleum-Like	DRY	97.8	ND	
11	28	Red Brown SAND, little Silt, trace fine Gravel.	Petroleum-Like	DRY	65.5	ND	
12			Petroleum-Like	DRY	41.1	ND	
13			Petroleum-Like	DRY	54.3	ND	SSB-B6(13-15)-20170424
14			Petroleum-Like	DRY	40.9	ND	
15			Petroleum-Like	DRY	32.1	ND	
16	29	Red Brown SAND, little Silt, trace gray Sand, fine Gravel.	Petroleum-Like	DRY	ND	ND	
17			Petroleum-Like	DRY	ND	ND	
18			Petroleum-Like	DRY	ND	ND	SSB-B6(18-20)-20170424
19			ND	DRY	ND	ND	
20			ND	DRY	ND	ND	

Notes:
Groundwater encountered at 29 feet below grade surface.
End of soil boring at 30 feet below grade.

PID = photoionization detector PPM = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-B6**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 11:45 **Finish Time:** 12:45
Date: 4/24/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 – 25	40	Light Brown SAND, trace fine Gravel, Silt.	ND	DRY	ND	ND	SSB-B6(23-25)-20170424
26 – 30	41	Light Brown SAND, trace fine Gravel, Silt.	ND	DRY Wet	ND	ND	SSB-B6(28-30)-20170424
31 – 35							
36 – 40							

Notes:
Groundwater encountered at 29 feet below grade surface.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-C1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe	Drilling	
Sampling Method:	5' Macrocore	Start Time: 07:45	Finish Time: 08:20
Driller:	Cascade		
Weather:	50°F, Cloudy	Date: 4/21/17	
Logged By:	ML, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1 - 5	30	Brown SAND, some Silt, trace Brick, fine Gravel, Cinders (FILL).	ND	DRY	ND	ND	SSB-C1(3-5)-20170421
6 - 10	40	Brown SAND, some Silt, trace Brick, fine Gravel, Cinders (FILL).	ND	DRY	ND	ND	SSB-C1(8-10)-20170421
11 - 15	18	Brown SAND, Silt, some Brick, trace fine Gravel (FILL).	ND	DRY	ND	ND	SSB-C1(13-15)-20170421
16 - 20	36	Brown SAND, Silt, some Brick, trace fine Gravel, Glass (FILL).	ND	DRY	ND	ND	SSB-C1(18-20)-20170421

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector PPM = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-C1**

Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling

Start Time: 07:45 **Finish Time:** 08:20

Date: 4/21/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	40	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C1(23-25)-20170421
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater was not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-C2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe	Drilling	
Sampling Method:	5' Macrocore	Start Time: 08:22	Finish Time: 08:50
Driller:	Cascade		
Weather:	50°F, Cloudy	Date: 4/21/17	
Logged By:	ML, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	18	Top 2": Brown / Gray SAND, Silt, trace fine to medium Gravel, Brick (FILL).	ND	DRY	ND	ND	
2		Next 2": CINDERS.	ND	DRY	ND	ND	SSB-C2(2-4)-20170421
3		Next 10": Brown SAND, some Silt, trace Brick, Glass, Cinders, fine Gravel.	ND	DRY	ND	ND	SSB-X(2-4)-20170421
4							
5		Bottom 4": CONCRETE.	ND	DRY	ND	ND	
6	29	Brown SAND, some Silt, trace Brick, fine Gravel, Cinders (FILL).	ND	DRY	ND	ND	SSB-C2(8-10)-20170421
7							
8							
9							
10							
11	43	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C2(13-15)-20170421
12							
13							
14							
15							
16	41	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C2(18-20)-20170421
17							
18							
19							
20							

Notes:
Groundwater was not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-C2
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Cloudy Logged By: ML, AKRF	Drilling Start Time: 08:22 Finish Time: 08:50 Date: 4/21/17	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	40	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C2(23-25)-20170421
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater was not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-C3**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling

Start Time: 09:15 **Finish Time:** 09:45

Date: 4/21/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	14	Top 2": Gray SAND, Silt, some fine Gravel (FILL).	ND	DRY	ND	ND	SSB-C3(3-5)-20170421
2		Next 4": CONCRETE (FILL).	ND	DRY	ND	ND	
3		Next 4": BRICK (FILL).	ND	DRY	ND	ND	
4							
5		Bottom 4": Brown SAND, Silt, trace Brick, fine Gravel (FILL).	ND	DRY	ND	ND	
6	46	Top 23": Red Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C3(8-10)-20170421
7							
8		Bottom 23": Brown SAND, Silt, some Clay, trace fine Gravel (FILL).	ND	DRY	ND	ND	
9							
10							
11	47	Red Brown SAND, trace Silt, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-C3(13-15)-20170421
12							
13							
14							
15							
16	41	Red Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C3(18-20)-20170421
17							
18							
19							
20							

Notes:
Groundwater was not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-C3**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 09:15 **Finish Time:** 09:45
Date: 4/21/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	47	Red Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C3(23-25)-20170421
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-C4**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling

Start Time: 09:55 **Finish Time:** 10:40

Date: 4/21/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	16	Top 6": CONCRETE (FILL).	ND	DRY	ND	ND	SSB-C4(3-5)-20170421
2		Next 2": CINDERS (FILL).	ND	DRY	ND	ND	
3		Bottom 8": Brown SAND, some Silt, trace fine Gravel, Brick, Cinders, Glass (FILL).	ND	DRY	ND	ND	
4							
5							
6	46	Top 23": Red Brown SAND, little Silt, trace Brick, Cinders, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-C4(8-10)-20170421
7							
8		Bottom 23": Brown SAND, Silt, some Clay, trace fine Gravel.	ND	DRY	ND	ND	
9							
10							
11	41	Red Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C4(13-15)-20170421
12							
13							
14							
15							
16	38	Red Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C4(18-20)-20170421
17							
18							
19							
20							

Notes:
Groundwater was not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-C4**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 09:55 **Finish Time:** 10:40
Date: 4/21/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	47	Red Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C4(23-25)-20170421
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-C5**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling

Start Time: 11:15 **Finish Time:** 11:50

Date: 4/21/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	45	Top 2": Gray SAND, trace Silt, fine Gravel (FILL).	ND	DRY	ND	ND	
2		Next 3": CONCRETE and Dark Brown Sand.	ND	DRY	ND	ND	
3		Bottom 40": Brown SAND, Silt, some Brick, trace fine Glass (FILL).	ND	DRY	ND	ND	SSB-C5(3-5)-20170421 SSB-x(3-5)-20170421
4							
5							
6	41	Top 20": Red Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	
7							SSB-C5(8-10)-20170421
8		Bottom 21": Light Brown SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-C5(8-10) MS/MSD 20170421
9							
10							
11	38	Light Brown / tan SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-C5(13-15)-20170421
12							
13							
14							
15							
16	35	Light Brown / tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-C5(18-20)-20170421
17							
18							
19							
20							

Notes:
Groundwater was not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-C5
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Cloudy Logged By: ML, AKRF	Drilling Start Time: 11:15 Finish Time: 11:50 Date: 4/21/17	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	47	Light Brown / tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C5(23-25)-20170421
26 27 28 29 30	48	Light Brown / tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-C5(26-28)-20170421
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: SSB-C6

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Cloudy
Logged By:	ML, AKRF

Drilling

Start Time: 11:15 **Finish Time:** 11:50

Date: 4/21/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 2 3 4 5	18	Gray SAND, some Silt, fine Gravel, trace Brick, Cinders (FILL).	ND	DRY	ND	ND	SSB-C6(3-5)-20170421
6 7 8 9 10	20	Light Brown / Gray SAND, little Silt, trace fine Gravel, Brick Cinders (FILL).	ND	DRY	ND	ND	SSB-C6(7-9)-20170421
11 12 13 14 15							
16 17 18 19 20							

Notes:
Groundwater not encountered.
End of soil boring at 9 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-D1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe	Drilling	
Sampling Method:	5' Macrocore	Start Time: 07:35	Finish Time: 08:15
Driller:	Cascade		
Weather:	55°F, Rain	Date: 4/20/17	
Logged By:	ML, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1 2 3 4 5	47	Brown SAND, some Silt, Brick, trace fine to medium Gravel, (FILL).	ND	DRY	ND	ND	SSB-D1(3-5)-20170420
6 7 8 9 10	30	Brown SAND, some Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	SSB-D1(8-10)-20170420
11 12 13 14 15	18	Brown SAND, some Silt, fine Gravel, trace Brick (FILL).	ND	DRY	ND	ND	SSB-D1(13-15)-20170420
16 17 18 19 20	48	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-D1(18-20)-20170420

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector PPM = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-D1

AKRF 440 Park Avenue South, 7th Floor New York, NY 10016		
Drilling Method:	7822DT Geoprobe	Drilling
Sampling Method:	5' Macrocore	Start Time: 07:35 / Finish Time: 08:15
Driller:	Cascade	
Weather:	55°F, Rain	Date: 4/20/17
Logged By:	ML, AKRF	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	48	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-D1(23-25)-20170420
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater was not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-D2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	55°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 08:45 Finish Time: 09:15
Date: 4/20/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	40	Top 2" Gray SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	
2		Bottom 38": Brown SAND, some Silt, Brick, trace fine Gravel (FILL).	ND	DRY	ND	ND	
3							SSB-D2(3-5)-20170420
4							
5							
6	46	Top 39": Brown SAND, Silt, trace fine Gravel.	ND	DRY	ND	ND	
7							SSB-D2(8-10)-20170420
8							SSB-X(8-10)-20170420
9		Bottom 7": Brown SAND, Silt, Clay, trace fine Gravel.	ND	DRY	ND	ND	
10							
11	39	Top 18": Tan / Dark Brown SAND, trace fine Gravel.	ND	DRY	ND	ND	
12							
13		Next 18": Brown SAND, Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-D2(13-15)-20170420
14							
15		Bottom 3": Red Brown / Tan SAND trace fine Gravel.	ND	DRY	ND	ND	
16	43	Light Brown / Red Brown SAND, trace fine Gravel, Silt.	ND	DRY	ND	ND	SSB-D2(18-20)-20170420
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-D2**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	55°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 08:45 **Finish Time:** 09:15
Date: 4/20/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21							
22							
23	48	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-D2(23-25)-20170420
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater was not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-D3**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	55°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 09:50 **Finish Time:** 10:15
Date: 4/20/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	20	Top 2": Gray SAND, some Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-D3(3-5)-20170420
2		Next 6": Brown SAND, some Silt, Brick, trace fine Gravel. (FILL).	ND	DRY	ND	ND	
3							
4		Bottom 12": Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	
5							
6	28	Top 14": Brown SAND, Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	SSB-D3(8-10)-20170420
7							
8		Bottom 14": Brown SAND, some Silt, trace Clay, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-D3(8-10) MS/MSD 20170420
9							
10							
11	12	Brown SAND, some Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-D3(13-15)-20170420
12							
13							
14							
15							
16	43	Light Brown / Tan SAND, trace fine Gravel, Silt.	ND	DRY	ND	ND	SSB-D3(18-20)-20170420
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-D3**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	55°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 09:50 **Finish Time:** 10:15
Date: 4/20/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	48	Light Brown / Tan SAND, trace fine Gravel, Silt.	ND	DRY	ND	ND	SSB-D3(23-25)-20170420
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-D4**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	55°F, Rain
Logged By:	ML, AKRF

Drilling

Start Time: 10:25 **Finish Time:** 10:50

Date: 4/20/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	24	Top 2": Gray SAND, some Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-D4(3-5)-20170420
2		Next 20": Brown SAND, trace Silt, Brick, fine Gravel. (FILL).	ND	DRY	ND	ND	
3							
4		Bottom 12": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	DRY	ND	ND	
5							
6	22	Top 10": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-D4(8-10)-20170420
7							
8		Next 10": Brown SAND, Silt, some Clay, trace fine Gravel.	ND	DRY	ND	ND	
9							
10		Bottom 2": Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	
11	37	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-D4(13-15)-20170420
12							
13							
14							
15							
16	42	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-D4(18-20)-20170420
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-D4
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 55°F, Rain Logged By: ML, AKRF	Drilling Start Time: 10:25 Finish Time: 10:50 Date: 4/20/17	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	48	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-D4(23-25)-20170420
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-D5**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	55°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 11:05 **Finish Time:** 11:55
Date: 4/20/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	27	Top 2": Gray SAND, some Silt, trace fine Gravel, Brick (FILL).	ND	DRY	16.1	ND	
2		Next 20": Brown SAND, some Silt, trace fine Gravel, Brick. (FILL).	ND	DRY	47.3	ND	
3			ND	DRY	55.5	ND	SSB-D5(3-5)-20170420
4		Bottom 5": Dark Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	PCS / Asphalt	DRY	150	ND	
5			ND	DRY	200	ND	
6	38	Top 18": Brown SAND, some Silt, trace Brick, fine to medium Gravel (FILL).	ND	DRY	75.1	ND	
7			ND	DRY	70.3	ND	
8		Bottom 20": Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	69.8	ND	SSB-D5(8-10)-20170420
9			ND	DRY	54.1	ND	
10			ND	DRY	33.1	ND	
11	39	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	16.1	ND	
12			ND	DRY	14.3	ND	
13			ND	DRY	ND	ND	SSB-D5(13-15)-20170420 SSB-XX(13-15)-20170420
14			ND	DRY	ND	ND	
15			ND	DRY	ND	ND	
16	37	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-D5(18-20)-20170420
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 24 feet below grade (REFUSAL).

PID = photoionization detector PPM = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-D5

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	55°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 11:05 Finish Time: 12:00
Date: 4/20/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21							
22	30	Light Brown SAND, trace fine Gravel, Silt.	ND	DRY	ND	ND	SSB-D5(22-24)-20170420
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater not encountered.
End of soil boring at 24 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-D6

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	55°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 13:00 Finish Time: 14:00
Date: 4/20/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 - 5	10	Brown SAND, some Silt, trace fine to medium Gravel, Brick, Cinders (FILL).	ND	DRY	ND	ND	SSB-D6(3-5)-20170420
6 - 10	23	Brown SAND, some Silt, trace fine Gravel, Brick, Cinders, Plastic, Concrete (FILL).	ND	DRY	ND	ND	SSB-D6(8-10)-20170420
11 - 15	40	Top 35": Brown SAND, some Silt, fine to medium Gravel, trace Brick, Cinders, Wood (FILL). Bottom 5": Light Brown / Tan SAND, trace Silt, fine Gravel.	ND ND	DRY DRY	ND ND	ND ND	SSB-D6(13-15)-20170420
16 - 20	38	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-D6(18-20)-20170420

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-D6**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	55°F, Rain
Logged By:	ML, AKRF

Drilling
Start Time: 13:00 **Finish Time:** 14:00
Date: 4/20/17

Surface Condition: Gravel

Depth (feet)	Recovery (Inches)		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 – 25	31	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-D6(23-25)-20170420
26 – 28	32	Light Brown / Tan SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-D6(28-30)-20170420
29 – 30			ND	Wet	ND	ND	
31 – 35							
36 – 40							

Notes:
Groundwater encountered at 29 feet below grade surface.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-E1
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Mostly Cloudy Logged By: ML, AKRF	Drilling Start Time: 07:40 Finish Time: 08:30 Date: 4/19/17	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	20	Top 2": Gray SAND, some Silt, little fine Gravel (FILL).	ND	DRY	ND	ND	
2							
3		Bottom 18": Brown SAND, some Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-E1(3-5)-20170419
4							
5							
6	28	Brown SAND, little Silt, trace Brick, Cinders, fine Gravels (FILL).	ND	DRY	ND	ND	SSB-E1(8-10)-20170419
7							
8							
9							
10							
11	33	Top 6": GRAVEL.	ND	DRY	ND	ND	
12		Bottom 27": Brown SAND, some Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	
13							SSB-E1(13-15)-20170419
14							
15							
16	48	Top 10": Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	
17		Bottom 38": Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	
18							SSB-E1(18-20)-20170419
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: SSB-E1
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 07:40 **Finish Time:** 08:30
Date: 4/19/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 – 25	50	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-E1(23-25)-20170419
26 – 30	48	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-E1(26-28)-20170419
31 – 35							
36 – 40							

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-E2**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 08:45 **Finish Time:** 09:25
Date: 4/19/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 10": Gray / Brown SAND, some Silt, trace fine Gravel, Brick, Concrete (FILL).	ND	DRY	ND	ND	
2							
3		Bottom 25": Light Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	SSB-E2(3-5)-20170419
4							
5							
6	40	Top 30": Light Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	
7			ND	DRY	ND	ND	SSB-E2(8-10)-20170419
8							SSB-X(8-10)-20170419
9		Bottom 10"; Brown SAND, Silt, Clay, with some fine Gravel, trace Brick (FILL).	ND	DRY	ND	ND	
10							
11	46	Top 6": Brown SAND, Silt, trace Clay, fine Gravel, Brick (FILL).	ND	DRY	ND	ND	
12		Bottom 40": Light Brown / Tan SAND, trace fine Gravel.	ND	DRY	ND	ND	
13							SSB-E2(13-15)-20170419
14							
15							
16	42	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-E2(18-20)-20170419
17							
18							
19							
20							

Notes:
Groundwater encountered at 28 feet below grade surface.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-E2**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 08:45 **Finish Time:** 09:25
Date: 4/19/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21							
22							
23	41	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-E2(23-25)-20170419
24							
25							
26			ND	DRY	ND	ND	
27							
28	40	Light Brown SAND, some Silt, trace fine Gravel.					SSB-E2(26-28)-20170419
29			ND	WET	ND	ND	
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater encountered at 28 feet below grade surface.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-E3**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 10:18 **Finish Time:** 10:55
Date: 4/19/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	28	Top 8": Gray / Brown SAND, Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	
2		Next 14": Brown SAND, Silt, trace Brick, Cinders, fine Gravel (FILL).	ND	DRY	ND	ND	
3							SSB-E3(3-5)-20170419
4							
5		Bottom 6": Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	
6	35	Top 33": Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	
7							SSB-E3(8-10)-20170419
8							SSB-E2(8-10) MS/MSD 20170419
9		Bottom 2": Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	
10							
11	38	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-E3(13-15)-20170419
12							
13							
14							
15							
16	46	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-E3(18-20)-20170419
17							
18							
19							
20							

Notes:
Groundwater encountered at 28 feet below grade surface.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-E3**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 10:18 **Finish Time:** 10:55
Date: 4/19/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21							
22							
23	39	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-E3(23-25)-20170419
24							
25							
26			ND	DRY	ND	ND	
27							
28	48	Light Brown SAND, trace Silt, fine Gravel.					SSB-E3(26-28)-20170419
29							
30			ND	WET	ND	ND	
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater encountered at 29 feet below grade surface.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-E4**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 11:00 **Finish Time:** 11:50
Date: 4/19/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	30	Top 21": Brown / Gray SAND, some Silt, Brick, trace fine Gravel, Wood (FILL).	ND	DRY	ND	ND	SSB-E4(3-5)-20170419
2							
3							
4		Bottom 9": Brown SAND, Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	
5							
6	18	Top 6": GRAVEL.	ND	DRY	ND	ND	
7		Bottom 12": Fine Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-E4(8-10)-20170419
8							SSB-XX(8-10)-20170419
9							
10							
11	38	Light Brown SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-E4(13-15)-20170419
12							
13							
14							
15							
16	41	Light Brown / Tan SAND, trace Silt, fine Gravel, Concrete, Cinders (FILL).	ND	DRY	ND	ND	SSB-E4(18-20)-20170419
17							
18							
19							
20							

Notes:
Groundwater encountered at 28 feet below grade surface.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-E4**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 11:00 **Finish Time:** 11:50
Date: 4/19/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21							
22							
23	49	Light Brown / Tan SAND, trace fine Gravel.	ND	DRY	ND	ND	SSB-E4(23-25)-20170419
24							
25							
26							
27			ND	DRY	ND	ND	
28	45	Light Brown / Tan SAND, trace fine Gravel.					SSB-E4(27-29)-20170419
29			ND	WET	ND	ND	
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater encountered at 28 feet below grade surface.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-E5

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 12:40 Finish Time: 13:40
Date: 4/19/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 2 3 4 5	25	Gray / Brown SAND, Silt, some Brick, trace fine Gravel, Wood, Cinders (FILL).	ND	DRY	ND	ND	SSB-E5(3-5)-20170419
6 7 8 9 10	29	Tan SAND, some Silt, trace Brick, Wood, Fine Gravel (FILL).	ND	DRY	ND	ND	SSB-E5(8-10)-20170419 SSB-E5(8-10) MS/MSD 20170419
11 12 13 14 15	34	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-E5(13-15)-20170419
16 17 18 19 20	38	Light Brown / Tan SAND, trace fine Gravel.	ND	DRY	ND	ND	SSB-E5(18-20)-20170419

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-E5**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 12:40 **Finish Time:** 13:40
Date: 4/19/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 – 25	49	Light Brown / Tan SAND, trace fine Gravel, Silt.	ND	DRY	ND	ND	SSB-E5(23-25)-20170419
26 – 30	45	Light Brown / Tan SAND, trace fine Gravel Silt.	ND	DRY	ND	ND	SSB-E5(28-30)-20170419
31 – 35							
36 – 40							

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-E6

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 13:45 Finish Time: 15:10
Date: 4/19/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 2 3 4 5	26	Brown / Gray SAND, some Silt, little Brick, trace Wood, fine Gravel, Concrete, Cinders (FILL).	ND	DRY	ND	ND	SSB-E6(3-5)-20170419
6 7 8	24	Top 18": Brown SAND, some Silt, trace fine Gravel, Brick, Cinders (FILL).	ND	DRY	ND	ND	SSB-E6(7-9)-20170419
9 10		Bottom 6": CONCRETE.	ND	DRY	ND	ND	
11 12 13 14 15	23	Brown SAND, some Silt, trace Brick, Concrete, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-E6(13-15)-20170419
16 17 18 19 20	28	Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-E6(18-20)-20170419

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: SSB-E6
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 13:45 **Finish Time:** 15:10
Date: 4/19/17

Surface Condition: Gravel

Depth (feet)	Recovery (Inches)		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21–25	47	Light Brown / Tan SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-E6(23-25)-20170419
26–30	45	Light Brown / Tan SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-E6(28-30)-20170419
31–35							
36–40							

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-F1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe	Drilling	
Sampling Method:	5' Macrocore	Start Time: 11:25	Finish Time: 12:05
Driller:	Cascade		
Weather:	50°F, Mostly Cloudy	Date: 4/17/17	
Logged By:	ML, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	26	Top 12": CONCRETE.	ND	DRY	ND	ND	
2							
3		Bottom 10": Bray / Brown SAND, little Silt, trace Brick, Wood, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-F1(3-5)-20170417
4							
5							
6	22	Top 8": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	DRY	ND	ND	
7							
8		Next 8": CONCRETE and Brick (FILL).	ND	DRY	ND	ND	SSB-F1(8-10)-20170417
9		Bottom 6": Brown SAND, some Silt, little fine to medium Gravel, trace Brick (FILL).	ND	DRY	ND	ND	
10							
11	20	Top 6": CONCRETE (FILL).	ND	DRY	ND	ND	
12		Next 8": Brown SAND, some Silt, little Concrete, trace Brick, fine to medium Gravel, Cinders (FILL).	ND	DRY	ND	ND	
13							SSB-F1(13-15)-20170417
14		Bottom 6": Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	
15							
16	25						
17							
18		Bottom 6": Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-F1(18-20)-20170417
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-F1**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 11:25 **Finish Time:** 12:05
Date: 4/17/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 – 25	49	Bottom 6": Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-F1(23-25)-20170417
26 – 30	52	Bottom 6": Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-F1(28-30)-20170417
31 – 35							
36 – 40							

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-F2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 13:10 Finish Time: 14:00
Date: 4/17/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 2 3 4 5	35	Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-F2(3-5)-20170417 SSB-X(3-5)-20170417
6 7 8 9 10	31	Brown SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	SSB-F2(8-10)-20170417 SSB-F2(8-10) MS/MSD 20170417
11 12 13 14 15	20	Light Brown / Tan SAND, trace Silt, Brick, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-F2(13-15)-20170417
16 17 18 19 20	37	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F2(18-20)-20170417

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-F2**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 13:10 **Finish Time:** 14:00
Date: 4/17/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21							
22							
23	49	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F2(23-25)-20170417
24							
25							
26							
27							
28	52	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F2(28-30)-20170417
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-F3**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 07:25 **Finish Time:** 08:10
Date: 4/18/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	32	Top 8": Brown SAND, some Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	
2		Next 2": GRAVEL.	ND	DRY	ND	ND	SSB-F3(3-5)-20170418
3		Next 4": CINDERS, dark brown Sand, Silt (FILL).	ND	DRY	ND	ND	SSB-F2(3-5) MS/MSD 20170418
4		Bottom 18": Brown SAND, little Silt, trace fine Gravel, Cinders (FILL).	ND	DRY	ND	ND	
5							
6	32	Top 10"; Brown SAND, some Silt, little Clay, trace fine Gravel.	ND	DRY	ND	ND	
7							
8		Bottom 22": Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-F3(8-10)-20170418
9							
10							
11	31	Brown SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-F3(13-15)-20170418
12							
13							
14							
15							
16	47	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F3(18-20)-20170418
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-F3
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Mostly Cloudy Logged By: ML, AKRF	Drilling Start Time: 07:25 Finish Time: 08:10 Date: 4/18/17	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	49	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F3(23-25)-20170418
26 27 28 29 30	52	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F3(28-30)-20170418
31 32 33 34 35	50	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F3(33-35)-20170418
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-F4**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 08:30 **Finish Time:** 09:30
Date: 4/18/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	32	Top 4": Brown SAND, some Silt, trace fine Gravel, Concrete, Brick (FILL).	ND	DRY	ND	ND	
2		Bottom 24": Brown SAND, trace Silt, fine Gravel, Brick, Concrete, Glass (FILL).	ND	DRY	ND	ND	SSB-F4(3-5)-20170418
3							SSB-X(3-5)-20170418
4							
5							
6	32	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F4(8-10)-20170418
7							
8							
9							
10							
11	31	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F4(13-15)-20170418
12							
13							
14							
15							
16	47	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F4(18-20)-20170418
17							
18							
19							
20							

Notes:
Groundwater encountered at 34 feet below gerade surface.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-F4**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 08:30 **Finish Time:** 09:30
Date: 4/18/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21							
22	51	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F4(23-25)-20170418
23							
24							
25							
26							
27	48	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F4(28-30)-20170418
28							
29							
30							
31			ND	DRY	ND	ND	
32	46	Light Brown / Tan SAND, trace Silt, fine Gravel.					SSB-F4(32-34)-20170418
33							
34							
35			ND	WET	ND	ND	
36							
37							
38							
39							
40							

Notes:
Groundwater encountered at 34 feet below gerade surface.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-F5

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 10:20 Finish Time: 11:20
Date: 4/18/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	16	Top 6": Brown SAND, Silt, trace Brick, Concrete, fine Gravel (FILL).	ND	DRY	ND	ND	
2		Nest 2": CONCRETE, Plastic (FILL).	ND	DRY	ND	ND	SSB-F5(3-5)-20170418
3		Bottom 8": Brown SAND, some Silt, trace Clay, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-F5(3-5) MS/MSD 20170418
4							
5							
6	28	Brown SAND, some Silt, Concrete, Brick, trace fine Gravel (FILL).	ND	DRY	ND	ND	SSB-F5(8-10)-20170418
7							
8							
9							
10							
11	35	Brown SAND, some Silt, Concrete, Brick, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-F5(13-15)-20170418
12							
13							
14							
15							
16	30	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-F5(18-20)-20170418
17							
18							
19							
20							

Notes:
Groundwater was not encountered.
End of soil boring at 34 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: SSB-F5
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 10:20 **Finish Time:** 11:20
Date: 4/18/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21							
22							
23	47	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F5(23-25)-20170418
24							
25							
26							
27							
28	41	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F5(28-30)-20170418
29							
30							
31							
32	30	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F5(32-34)-20170418
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater was not encountered.
End of soil boring at 34 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-F6**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 12:20 **Finish Time:** 13:40
Date: 4/18/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	28	Top 6": Brown SAND, Silt, trace Brick, Concrete, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-F6(3-5)-20170418
2		Bottom 22": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	
3							
4							
5							
6	32	Brown SAND, Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	SSB-F6(8-10)-20170418
7							
8							
9							
10							
11	34	Brown SAND, Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	SSB-F6(13-15)-20170418
12							
13							
14							
15							
16	36	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-F6(18-20)-20170418
17							
18							
19							
20							

Notes:
Groundwater was not encountered.
End of soil boring at 34 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: SSB-F6
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 10:20 **Finish Time:** 11:20
Date: 4/18/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 – 25	47	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F6(23-25)-20170418
26 – 30	41	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F6(28-30)-20170418
31 – 34	30	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-F6(32-34)-20170418
35 – 40							

Notes:
Groundwater was not encountered.
End of soil boring at 34 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-G1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 08:40 Finish Time: 09:45
Date: 4/14/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	37	Top 26": CONCRETE.	ND	DRY	ND	ND	
2							
3		Next 6": Red Brown SAND, some Silt, trace fine to medium Gravel, Wood (FILL).	ND	DRY	ND	ND	SSB-G1(2-4)-20170414
4							
5		Bottom 5": CONCRETE (FILL).	ND	DRY	ND	ND	
6	40	Red Brown SAND, some Silt, trace fine to medium Gravel, Wood, Brick (FILL).	ND	DRY	ND	ND	SSB-G1(8-10)-20170414 SSB-X(8-10)-20170414
7							
8							
9							
10							
11	31	Top 16"; Brown SAND, Silt, some fine to medium Gravel.	ND	DRY	ND	ND	
12							
13		Bottom 15": Light Brown SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G1(13-15)-20170414
14							
15							
16	33	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G1(18-20)-20170414
17							
18							
19							
20							

Notes:
Groundwater encountered at 33 feet below grade surface.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-G1
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Mostly Cloudy Logged By: ML, AKRF	Drilling Start Time: 08:40 Date: 4/14/17	Finish Time: 09:45

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	48	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G1(23-25)-20170414
26 27 28 29 30	45	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G1(28-30)-20170414
31 32 33 34 35	41	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND ND	DRY WET	ND ND	ND ND	SSB-G1(31-33)-20170414
36 37 38 39 40							

Notes:
Groundwater encountered at 33 feet below grade surface.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-G2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 09:55 Finish Time: 10:50
Date: 4/14/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1 2 3 4 5	12	CONCRETE.	ND	DRY	ND	ND	No Sample (Concrete)
6 7 8 9 10	22	Top 17": Red Brown SAND, little Silt, trace fine to medium Gravel, Brick (FILL). Bottom 5": CONCRETE.	ND ND	DRY DRY	ND ND	ND ND	SSB-G2(5-7)-20170414 SSB-G2(7-9)-20170414
11 12 13 14 15	36	Top 12": Brown SAND and Silt, little fine to medium Gravel. Bottom 24": Light Brown SAND, trace Silt, fine Gravel.	ND ND	DRY DRY	ND ND	ND ND	SSB-G2(13-15)-20170414
16 17 18 19 20	33	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-G2(18-20)-20170414

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-G2
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Mostly Cloudy Logged By: ML, AKRF	Drilling Start Time: 09:55 Date: 4/14/17	Finish Time: 10:50

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	41	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-G2(23-25)-20170414
26 27 28 29 30	46	Light Brown SAND, some Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-G2(28-30)-20170414
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 30 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-G3

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 12:00 Finish Time: 12:50
Date: 4/14/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 14": Brown SAND, some Silt, fine Gravel, trace Brick (FILL).	ND	DRY	ND	ND	SSB-G3(3-5)-20170414
2		Next 6": Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	
3		Next 3": CONCRETE.	ND	DRY	ND	ND	
4		Next 1": CINDERS, Dark Brown Sand.	ND	DRY	ND	ND	
5		Bottom 10": Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	
6	38	Dark Brown / Brown SAND and Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G3(8-10)-20170414
7							
8							
9							
10							
11	47	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-G3(13-15)-20170414
12							
13							
14							
15							
16	48	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-G3(18-20)-20170414
17							
18							
19							
20							

Notes:
Groundwater encountered at 33 feet below grade surface.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-G3
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Mostly Cloudy Logged By: ML, AKRF	Drilling Start Time: 12:00 Date: 4/14/17	Finish Time: 12:50

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	43	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-G3(23-25)-20170414
26 27 28 29 30	45	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-G3(28-30)-20170414
31 32 33 34 35	49	Light Brown SAND, trace Silt, fine Gravel.	ND ND	DRY WET	ND ND	ND ND	SSB-G3(31-33)-20170414
36 37 38 39 40							

Notes:
Groundwater encountered at 33 feet below grade surface.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-G4**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling

Start Time: 07:10 **Finish Time:** 08:00

Date: 4/17/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	49	Top 30": Gray SAND, some Silt, trace Brick, fine to medium Gravel, Wood (FILL).	ND	DRY	ND	ND	
2		Next 3": Dark Brown SAND, Wood (FILL).	ND	DRY	ND	ND	SSB-G4(3-5)-20170417
3		Next 3": CONCRETE.	ND	DRY	ND	ND	SSB-X(3-5)-20170417
4		Bottom 7": Gray SAND, some Silt, trace Wood, Brick, fine to medium Gravel (FILL).	ND	DRY	ND	ND	
5							
6	45	Top 10": Brown SAND, some Silt, trace Brick, fine to medium Gravel (FILL).	ND	DRY	ND	ND	
7		Next 24": Brown / Light Brown SAND, some Silt, trace Brick, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-G4(8-10)-20170417
8		Next 2": CONCRETE.	ND	DRY	ND	ND	
9		Bottom 9": Brown SAND, little Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	
10							
11	18	Top 6": Gray SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	
12		Bottom 12": Red Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-G4(13-15)-20170417
13							
14							
15							
16	51	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-G4(18-20)-20170417
17							
18							
19							
20							

Notes:
Groundwater encountered at 34 feet below grade surface.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-G4**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 07:10 **Finish Time:** 08:00
Date: 4/17/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 – 25	45	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-G4(23-25)-20170417
26 – 30	40	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-G4(28-30)-20170417
31 – 35	38	Light Brown / Tan SAND, trace Silt, fine Gravel.	ND ND	DRY WET	ND ND	ND ND	SSB-G4(32-34)-20170417
36 – 40							

Notes:
Groundwater encountered at 34 feet below grade surface.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-G5

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 08:38 Finish Time: 09:30
Date: 4/17/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	42	Top 20": Brown SAND, some Silt, trace Brick, Wood, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-G5(3-5)-20170417
2		Next 6": CONCRETE (FILL).	ND	DRY	ND	ND	SSB-G5(3-5) MS/MSD 20170417
3		Bottom 16": Brown SAND, little Silt, Wood, Brick, trace fine Gravel (FILL).	ND	DRY	ND	ND	
4							
5							
6	35	Tan / Light Brown SAND, little Silt, trace fine Gravel, weathered Rock (FILL).	ND	DRY	ND	ND	SSB-G5(8-10)-20170417
7							
8							
9							
10							
11	18	Brown SAND, some Silt, fine to medium Gravel, trace Brick, Concrete (FILL).	ND	DRY	ND	ND	SSB-G5(13-15)-20170417
12							
13							
14							
15							
16	32	Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G5(18-20)-20170417
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-G5
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Mostly Cloudy Logged By: ML, AKRF	Drilling Start Time: 08:38 Finish Time: 09:30 Date: 4/17/17	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	45	Brown SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G5(23-25)-20170417
26 27 28 29 30	40	Brown SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G5(28-30)-20170417
31 32 33 34 35	38	Brown SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G5(33-35)-20170417
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-G6

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 09:55 Finish Time: 10:45
Date: 4/17/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	14	Top 6": Brown SAND, some Silt, fine Gravel, trace Brick (FILL).	ND	DRY	ND	ND	SSB-G6(3-5)-20170417
2		Next 2": CONCRETE (FILL).	ND	DRY	ND	ND	
3		Bottom 6": Brown SAND, some Silt, trace Brick, Wood, fine to medium Gravel (FILL).	ND	DRY	ND	ND	
4							
5							
6	26	Brown SAND, some tan Sand, brown Silt, trace fine to medium Gravel, Brick (FILL).	ND	DRY	ND	ND	SSB-G6(8-10)-20170417
7							
8							
9							
10							
11	14	Brown SAND, some fine to medium Gravel, Silt, trace Brick, Concrete (FILL).	ND	DRY	ND	ND	SSB-G6(13-15)-20170417
12							
13							
14							
15							
16	22	Top 15": Brown SAND, some fine to medium Gravel, Silt, trace Brick, Concrete (FILL).	ND	DRY	ND	ND	SSB-G6(18-20)-20170417
17							
18		Bottom 7": Tan / light brown SAND, trace fine Gravel.	ND	DRY	ND	ND	
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-G6**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling

Start Time: 09:55 **Finish Time:** 10:45

Date: 4/17/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 – 25	49	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G6(23-25)-20170417
26 – 30	50	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G6(28-30)-20170417
31 – 35	43	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-G6(33-35)-20170417
36 – 40							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-H1**

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 09:30 **Finish Time:** 09:50
Date: 4/13/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	33	Top 2": Brown SAND, some Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-H1(3-5)-20170413
2		Next 24": Gray SAND, some Silt, fine to medium Gravel, trace Wood, Brick (FILL).	ND	DRY	ND	ND	
3							
4		Next 3": Red SAND, Silt, some fine Gravel, Brick (FILL).	ND	DRY	ND	ND	
5		Bottom 4": Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	
6	28	Top 12": Brown / Gray SAND, some Silt, fine to medium Gravel, trace Concrete (FILL).	ND	DRY	ND	ND	SSB-H1(7-9)-20170417
7							
8		Bottom 16": Brown SAND, Silt.	ND	DRY	ND	ND	
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 9 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: SSB-H2 Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 09:55 Finish Time: 10:50
Date: 4/13/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	32	Top 22": Gray / Brown SAND, some Silt, trace fine Gravel, Wood, Brick (FILL).	ND	DRY	ND	ND	SSB-H2(1-3)-20170413
2							
3							
4		Bottom 10": CONCRETE.	ND	DRY	ND	ND	
5							
6	30	Top 22": Gray SAND, some Silt, fine to medium Gravel, trace Concrete (FILL).	ND	DRY	ND	ND	
7							SSB-H2(7-9)-20170413
8							SSB-X(7-9)-20170413
9		Bottom 8": CONCRETE.	ND	DRY	ND	ND	
10							
11	36	Top 10": Gray SAND, some fine Gravel, trace Silt, Brick (FILL).	ND	DRY	ND	ND	
12		Next 16": CONCRETE.	ND	DRY	ND	ND	
13							SSB-H2(13-15)-20170413
14		Bottom 10": Brown / Gray / Tan SAND, trace Silt, fine Gravel, Brick (FILL).	ND	DRY	ND	ND	
15							
16	30	Top 8": Gray SAND, some Silt, fine Gravel, Brick.	ND	DRY	ND	ND	
17		Next 6": Brown SAND, Silt, trace fine to medium Gravel.	Solvent-Like	DRY	ND	ND	
18		Bottom 16": Brown SAND, trace fine Gravel.	ND	DRY	ND	ND	SSB-H2(16-17)-20170413
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-H2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe	Drilling	
Sampling Method:	5' Macrocore	Start Time: 09:55	Finish Time: 10:50
Driller:	Cascade		
Weather:	50°F, Mostly Cloudy	Date: 4/13/17	
Logged By:	ML, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	29	Gray / Tan SAND, some Silt, little fine Gravel.	ND	DRY	ND	ND	SSB-H2(23-25)-20170413
26 27 28 29 30	35	Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-H2(28-30)-20170413
31 32 33 34 35	40	Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-H2(33-35)-20170413
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-H3**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 11:05 **Finish Time:** 12:15
Date: 4/13/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	20	Top 3": Brown SAND, some Silt, trace fine Gravel, Brick (FILL).	ND	DRY	ND	ND	SSB-H3(3-5)-20170413
2		Next 7": Tan SAND, trace Glass, fine Gravel, Brick (FILL).	ND	DRY	ND	ND	
3		Bottom 10": Red Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	
4							
5							
6	40	Top 18": Red Brown SAND, some Silt, Brick, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-H3(8-10)-20170413
7							
8		Next 3": WOOD debris (FILL).	ND	DRY	ND	ND	
9		Bottom 19": Red Brown SAND, some Silt, little fine to medium Gravel, trace Concrete (FILL).	ND	DRY	ND	ND	
10							
11	12	Top 2": Red Brown SAND, little Silt, trace fine Gravel, Wood, Brick (FILL).	ND	DRY	ND	ND	SSB-H3(13-15)-20170413
12							
13		Bottom 10": Brown SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	
14							
15							
16	33	Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-H3(18-20)-20170413
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-H3
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Mostly Cloudy Logged By: ML, AKRF	Drilling Start Time: 11:05 Finish Time: 12:15 Date: 4/13/17	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	42	Brown SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-H3(23-25)-20170413
26 27 28 29 30	38	Light Brown SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-H3(28-30)-20170413
31 32 33 34 35	43	Light Brown SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-H3(33-35)-20170413
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-H4

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 13:00 Finish Time: 14:30
Date: 4/13/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	45	Top 3": Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	SSB-H4(3-5)-20170413
2		Next 8": Gray SAND, trace Silt, Wood, fine Gravel (FILL).	ND	DRY	ND	ND	
3		Next 14": CONCRETE.	ND	DRY	ND	ND	
4		Next 4": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	
5		Bottom 16": Dark Brown SAND, little Silt, Wood, trace Gravel (FILL).	ND	DRY	ND	ND	
6	40	Brown SAND, Silt, little fine to medium Gravel, trace Concrete (FILL).	ND	DRY	ND	ND	SSB-H4(8-10)-20170413
7							
8							
9							
10							
11	45	Light Brown SAND, some fine Gravel, little Silt.	ND	DRY	ND	ND	SSB-H4(13-15)-20170413
12							
13							
14							
15							
16	41	Light Brown SAND, some fine Gravel, trace Silt.	ND	DRY	ND	ND	SSB-H4(18-20)-20170413
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-H4**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 13:00 **Finish Time:** 14:30
Date: 4/13/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21							
22	42	Light Brown / Tan SAND, trace fine Gravel, Silt.	ND	DRY	ND	ND	SSB-H4(23-25)-20170413
23							
24							
25							
26							
27	38	Light Brown SAND, trace fine Gravel, Silt.	ND	DRY	ND	ND	SSB-H4(28-30)-20170413
28							
29							
30							
31							
32	43	Light Brown SAND, trace fine Gravel, Silt.	ND	DRY	ND	ND	SSB-H4(33-35)-20170413
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-H5**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 14:40 **Finish Time:** 15:15
Date: 4/13/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	32	Top 2": Brown SAND, trace Silt, fine Gravel (FILL).	ND	DRY	ND	ND	
2		Next 20": Red Brown SAND, little Silt, trace fine to medium Gravel, Brick, Concrete (FILL).	ND	DRY	ND	ND	
3		Next 4": CONCRETE.	ND	DRY	ND	ND	
4		Bottom 6": Brown / Red Brown SAND, little Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	SSB-H5(3-5)-20170413
5							SSB-X(3-5)-20170413
6	32	Brown SAND, Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-H5(8-10)-20170413
7							
8							
9							
10							
11	26	Brown SAND, some Silt, little fine to medium Gravel, trace Brick, Concrete (FILL).	ND	DRY	ND	ND	SSB-H5(13-15)-20170413
12							
13							
14							
15							
16	24	Brown SAND, little Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-H5(18-20)-20170413
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 24 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-H5**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 14:40 **Finish Time:** 15:15
Date: 4/13/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21							
22	24	Light Brown SAND, little Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	SSB-H5(22-24)-20170413
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater not encountered.
End of soil boring at 24 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-H6

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 07:15 Finish Time: 08:40
Date: 4/14/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	29	Top 2": Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	SSB-H6(3-5)-20170414
2		Next 25": Red Brown SAND, some Silt, Wood, fine to medium Gravel, trace Wood (FILL).	ND	DRY	ND	ND	
3							
4		Bottom 2": Light Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	
5							
6	20	Brown SAND, some Silt, trace fine to medium Gravel, Concrete (FILL).	ND	DRY	ND	ND	SSB-H6(8-10)-20170414
7							
8							
9							
10							
11	24	Brown SAND, Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-H6(13-15)-20170414
12							
13							
14							
15							
16	20	Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-H6(18-20)-20170414
17							
18							
19							
20							

Notes:
Groundwater encountered at 39 feet below grade surface.
End of soil boring at 40 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-H6
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Mostly Cloudy Logged By: ML, AKRF	Drilling Start Time: 07:15 Date: 4/14/17	Finish Time: 08:40

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	45	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-H6(23-25)-20170414
26 27 28 29 30	42	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-H6(28-30)-20170414
31 32 33 34 35	43	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-H6(33-35)-20170414
36 37 38 39 40	40	Light Brown SAND, trace Silt, fine Gravel.	ND ND	DRY WET	ND ND	ND ND	SSB-H6(37-39)-20170414

Notes:
Groundwater encountered at 39 feet below grade surface.
End of soil boring at 40 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-I1
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Mostly Cloudy Logged By: ML, AKRF	Drilling Start Time: 07:35 Finish Time: 08:40 Date: 4/12/17	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	29	Top 2": Tan SAND, Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-I1(3-5)-20170412
2		Bottom 34": Red Brown SAND, little Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	
3							
4							
5							
6	20	Red Brown SAND, little Silt, trace fine to medium Gravel, Glass, Wood (FILL).	ND	DRY	ND	ND	SSB-I1(8-10)-20170412 SSB-X(8-10)-20170412
7							
8							
9							
10							
11	24	Top 14": Red Brown SAND, little Silt, trace fine Gravel, Glass (FILL).	ND	DRY	ND	ND	SSB-I1(13-15)-20170412
12							
13							
14		Bottom 6": Red Brown / Tan SAND, trace Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	
15							
16	20	Red Brown / Tan SAND, some fine to medium Gravel.	ND	DRY	ND	ND	SSB-I1(18-20)-20170412
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-I1**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 07:35 **Finish Time:** 08:40
Date: 4/12/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 - 25	45	Tan / Light Brown SAND, little Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	SSB-I1(23-25)-20170414
26 - 30	42	Tan / Light Brown SAND, little Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	SSB-I1(28-30)-20170414
31 - 35	43	Tan / Light Brown SAND, little Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	SSB-I1(33-35)-20170414
36 - 40							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-I2**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 09:22 **Finish Time:** 10:55
Date: 4/12/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	26	Top 2": Brown SAND, some Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-I2(3-5)-20170412
2		Bottom 24": Red Brown SAND, some Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	
3							
4							
5							
6	29	Top 12": Brown SAND, some Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-I2(8-10)-20170412
7		Next 6": CONCRETE.	ND	DRY	ND	ND	SSB-I2(8-10) MS/MSD 20170412
8		Bottom 11": Brown SAND, some Silt, little fine to medium Gravel (FILL).	ND	DRY	ND	ND	
9							
10							
11	18	Red Brown / Tan SAND, some Silt, little fine to medium Gravel.	ND	DRY	ND	ND	SSB-I2(13-15)-20170412
12							
13							
14							
15							
16	46	Red Brown / Tan SAND, little Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	SSB-I2(18-20)-20170412
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-I2**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 07:35 **Finish Time:** 08:40
Date: 4/12/17

Surface Condition: Gravel

Depth (feet)	Recovery (Inches)		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21							
22	48	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-I2(23-25)-20170412
23							
24							
25							
26							
27	48	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-I2(28-30)-20170412
28							
29							
30							
31							
32	49	Light Brown / Tan SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-I2(33-35)-20170412
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: SSB-I3
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 10:56 **Finish Time:** 11:50
Date: 4/12/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	39	Top 2": Brown SAND, some Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-I3(2-4)-20170412
2		Next 29": Red Brown SAND, some Silt, trace of Gravel (FILL).	ND	DRY	ND	ND	
3							
4							
5		Bottom 8": CONCRETE.	ND	DRY	ND	ND	
6	23	Top 14": Red Brown SAND, some Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-I3(8-10)-20170412
7							
8							
9		Next 4": CONCRETE.	ND	DRY	ND	ND	
10		Bottom 5": Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	
11	20	Brown SAND, some fine to medium Gravel, Silt.	ND	DRY	ND	ND	SSB-I3(13-15)-20170412
12							
13							
14							
15							
16	47	Tan / Light Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-I3(18-20)-20170412
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-I3**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 10:56 **Finish Time:** 11:50
Date: 4/12/17

Surface Condition: Gravel

Depth (feet)	Recovery (Inches)		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21	46	Light Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-I3(23-25)-20170412
22							
23							
24							
25							
26	47	Light Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-I3(28-30)-20170412
27							
28							
29							
30							
31	50	Light Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-I3(33-35)-20170412
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-I4**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 12:45 **Finish Time:** 11:50
Date: 4/12/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	32	Top 2": Brown SAND, some Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-I4(3-5)-20170412
2		Next 30": Red Brown SAND, some Silt, trace of Gravel, Wood (FILL).	ND	DRY	ND	ND	
3							
4							
5							
6	29	Top 6": Red Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	SSB-I4(8-10)-20170412
7		Bottom 23": Brown SAND, Silt, trace fine Gravel.	ND	DRY	ND	ND	
8							
9							
10							
11	28	Brown SAND, some Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-I4(13-15)-20170412
12							
13							
14							
15							
16	18	Red Brown / Brown SAND, some Silt, little fine to medium Gravel.	ND	DRY	ND	ND	SSB-I4(15-17)-20170412
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 17 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-I5

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe	Drilling	
Sampling Method:	5' Macrocore	Start Time: 14:20	Finish Time: 15:30
Driller:	Cascade		
Weather:	50°F, Mostly Cloudy	Date: 4/12/17	
Logged By:	ML, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	48	Top 40": Red Brown SAND, little Silt, trace Cinders, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-I5(3-5)-20170412
2							
3							
4							
5		Bottom 8": Brown SAND, Silt, trace fine Gravel, Concrete.	ND	DRY	ND	ND	
6	40	Top 24": CONCRETE.	ND	DRY	ND	ND	SSB-I5(8-10)-20170412 SSB-X(8-10)-20170412
7		Next 4": Brown SAND, Silt, some fine Gravel.	ND	DRY	ND	ND	
8		Next 4": CONCRETE.	ND	DRY	ND	ND	
9		Next 4": CINDERS.	ND	DRY	ND	ND	
10		Bottom 4": Red Brown SAND, some Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	
11	34	Next 8": CONCRETE.	ND	DRY	ND	ND	SSB-I5(13-15)-20170412
12		Next 6": Tan / Light Brown SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	
13		Bottom 20": Brown / Tan SAND, some Silt, fine to medium Gravel, trace Concrete.	ND	DRY	ND	ND	
14							
15							
16	40	Top 25": Light Brown / Tan SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-I5(18-20)-20170412
17							
18		Bottom 25": Light Brown / Tan SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-I5
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Mostly Cloudy Logged By: ML, AKRF	Drilling Start Time: 10:56 Finish Time: 11:50 Date: 4/12/17	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	47	Light Brown / Tan SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-I5(23-25)-20170412
26 27 28 29 30	46	Light Brown / Tan SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-I5(28-30)-20170412
31 32 33 34 35	48	Light Brown / Tan SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-I5(33-35)-20170412
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 35 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-I6

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	50°F, Mostly Cloudy
Logged By:	ML, AKRF

Drilling
Start Time: 07:20 Finish Time: 09:00
Date: 4/13/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	16	Top 3": Brown SAND, little Silt, trace fine to medium Gravel (FILL).	ND	Dry	ND	ND	SSB-I6(3-5)-20170413
2		Next 3": Red Brown SAND, trace Silt, Brick, fine to medium Gravel (FILL).	ND	Dry	ND	ND	
3		Next 5": Tan SAND, some Concrete (FILL).	ND	Dry	ND	ND	
4		Bottom 5": Brown SAND, some Silt, trace fine to medium Gravel (FILL).	ND	Dry	ND	ND	
5							
6	48	Top 30": Tan / Gray SAND, Silt, some fine Gravel, Brick (FILL).	ND	Dry	ND	ND	SSB-I6(7-9)-20170413
7							
8		Next 6": Red Brown SAND, Brick, trace Silt, fine and medium Gravel (FILL).	ND	Dry	ND	ND	SSB-I6(7-9) MS/MSD 20170413
9		Bottom 12": CONCRETE.	ND	Dry	ND	ND	
10							
11	46	Top 8": Tan / Gray SAND, some Silt, trace Cinders, Brick, fine Gravel (FILL).	ND	Dry	ND	ND	SSB-I6(13-15)-20170413
12		Bottom 38": Light Brown / Tan SAND, some Silt, trace fine to medium Gravel.	ND	Dry	ND	ND	
13							
14							
15							
16	40	Light Brown / Tan SAND, some Silt, trace fine to medium Gravel.	ND	Dry	ND	ND	SSB-I6(18-20)-20170413
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 40 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-I6
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 50°F, Mostly Cloudy Logged By: ML, AKRF	Drilling Start Time: 07:20 Date: 4/13/17	Finish Time: 09:00

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	32	Tan / Light Brown / Red SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-I6(23-25)-20170413
26 27 28 29 30	36	Tan / Light Brown / Red SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-I6(28-30)-20170413
31 32 33 34 35	24	Tan / Gray SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-I6(33-35)-20170413
36 37 38 39 40	47	Tan / Gray SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-I6(38-40)-20170413

Notes:
Groundwater not encountered.
End of soil boring at 40 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: SSB-J1
Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	60°F, Sunny
Logged By:	ML, AKRF

Drilling
Start Time: 08:00 **Finish Time:** 09:30
Date: 4/10/17

Surface Condition: Gravel

Depth (feet)	Recovery (Inches)		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	36	Top 3": Gray SAND, Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	
2		Bottom 33": Red Brown SAND, some Silt, fine to medium Gravel, trace Glass, Wood (FILL).	ND	DRY	ND	ND	
3							SSB-J1(3-5)-20170410
4							
5							
6	36	Top 16": Red Brown SAND, some Silt, fine to medium Gravel, trace Glass, Wood (FILL).	ND	DRY	ND	ND	
7							SSB-J1(8-10)-20170410
8		Next 6": CONCRETE.	ND	DRY	ND	ND	SSB-J1(8-10) MS/MSD 20170410
9		Bottom 14": Brown SAND, some Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	
10							
11	24	Top 18": CONCRETE.	ND	DRY	ND	ND	
12							SSB-J1(11-13)-20170410
13		Bottom 6": Brown SAND, some Silt, little fine Gravel.	ND	ND	ND	ND	
14							
15							
16							
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 13 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-J2**

Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	60°F, Sunny
Logged By:	ML, AKRF

Drilling

Start Time: 11:30 **Finish Time:** 12:45

Date: 4/10/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	30	Top 2": Gray SAND, Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-J2(3-5)-20170410
2		Bottom 28": Red Brown SAND, some Silt, little fine to medium Gravel, trace Glass, Wood (FILL).	ND	DRY	ND	ND	
3							
4							
5							
6	24	Top 14": Red Brown SAND, some Silt, little fine to medium Gravel, trace Glass, Wood, Metal (FILL).	ND	DRY	ND	ND	SSB-J2(8-10)-20170410
7							
8		Next 2": Tan SAND, trace fine Gravel (FILL).	ND	DRY	ND	ND	
9		Bottom 8": Brown SAND, some Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	
10							
11	20	Brown SAND, some Silt, little fine to medium Gravel.	ND	DRY	ND	ND	SSB-J2(11-13)-20170410
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 13 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-J3

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	60°F, Sunny
Logged By:	ML, AKRF

Drilling
Start Time: 13:30, 07:08 | Finish Time: 15:00, 08:40
Date: 4/10/17 and 4/11/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	36	Top 2": Gray SAND, Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-J3(3-5)-20170410
2		Bottom 34": Red Brown SAND, some Silt, little fine to medium Gravel, trace Glass, Wood (FILL).	ND	DRY	ND	ND	
3							
4							
5							
6	28	Top 18": Red Brown SAND, some Silt, little fine to medium Gravel, trace Glass, Wood (FILL).	ND	DRY	ND	ND	SSB-J3(8-10)-20170410
7		Next 4": CONCRETE.	ND	DRY	ND	ND	
8		Next 4": Dark Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	
9							
10		Bottom 2": Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	
11	40	Top 8": Tan / Gray SAND, some Silt, trace Cinders, Brick, fine Gravel (FILL).	ND	DRY	ND	ND	SSB-J3(13-15)-20170410
12		Bottom 38": Light Brown / Tan SAND, some Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	
13							
14							
15							
16	50	Light Brown SAND, little Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	SSB-J3(18-20)-20170411
17							
18							
19							
20							

Notes:
Groundwater encountered at 38 feet below grade surface.
End of soil boring at 40 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-J3
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 60°F, Sunny Logged By: ML, AKRF	Drilling Start Time: 13:30, 07:08 Date: 4/10/17 and 4/11/17	Finish Time: 15:00, 08:40

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21	50	Light Brown / Red SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-J3(23-25)-20170411
22			ND	DRY	ND	ND	
23							
24							
25							
26	50	Light Brown / Red SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-J3(28-30)-20170411
27			ND	DRY	ND	ND	
28			ND	DRY	ND	ND	
29							
30			ND	DRY	ND	ND	
31	51	Light Brown / Red SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-J3(33-35)-20170411
32			ND	DRY	ND	ND	
33							
34							
35							
36	46	Light Brown / Red SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-J3(36-38)-20170411
37							
38			ND	WET	ND	ND	
39							
40							

Notes:
Groundwater encountered at 38 feet below grade surface.
End of soil boring at 40 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 1 of 2	SSB-J4

AKRF 440 Park Avenue South, 7th Floor New York, NY 10016			
	Drilling Method:	7822DT Geoprobe	Drilling
	Sampling Method:	5' Macrocore	Start Time: 09:38 / Finish Time: 10:55
	Driller:	Cascade	
	Weather:	60°F, Sunny	Date: 4/11/17
	Logged By:	ML, AKRF	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	36	Top 2": Gray SAND, Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-J4(3-5)-20170411
2		Bottom 34": Red Brown SAND, some Silt, little fine to medium Gravel (FILL).	ND	DRY	ND	ND	
3							
4							
5							
6	28	Red Brown SAND, some Silt, little fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-J4(8-10)-20170411
7							
8							
9							
10							
11	40	Top 10": CONCRETE.	ND	DRY	ND	ND	SSB-J4(13-15)-20170411
12							
13		Bottom 14": Red Brown SAND, some Silt, little fine to medium Gravel.	ND	ND	ND	ND	
14							
15							
16	50	Light Brown SAND, little Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	SSB-J4(18-20)-20170411
17							
18							
19							
20							

Notes:
Groundwater encountered at 39 feet below grade surface.
End of soil boring at 40 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-J4
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 60°F, Sunny Logged By: ML, AKRF	Drilling Start Time: 09:38 Finish Time: 10:55 Date: 4/11/17	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	36	Light Brown SAND, some Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	SSB-J4(23-25)-20170411
22			ND	DRY	ND	ND	
23							
24							
25							
26	30	Light Brown SAND, little Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	SSB-J4(28-30)-20170411
27							
28							
29							
30							
31	24	Light Brown SAND, trace Silt, fine to medium Gravel.	ND	DRY	ND	ND	SSB-J4(33-35)-20170411
32							
33							
34							
35							
36	52	Light Tan / Gray SAND, trace Silt, fine to medium Gravel.	ND	DRY	40.3	ND	SSB-J4(36-38)-20170411
37			ND	DRY	120.3	ND	
38			ND	DRY	56.7	ND	
39			ND	DRY	20.1	ND	
40			ND	WET	ND	ND	

Notes:
Groundwater encountered at 38 feet below grade surface.
End of soil boring at 40 feet below grade.

PID = photoionization detector PPM = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: SSB-J5 Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	60°F, Sunny
Logged By:	ML, AKRF

Drilling
Start Time: 11:15 Finish Time: 13:05
Date: 4/11/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	33	Top 2": Gray SAND, Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	SSB-J5(3-5)-20170411
2		Bottom 31": Red Brown SAND, some Silt, trace fine to medium Gravel, Wood, Glass (FILL).	ND	DRY	ND	ND	
3							
4							
5							
6	30	Top 8": Red Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	
7		Next 10": CONCRETE.	ND	DRY	ND	ND	SSB-J5(8-10)-20170411
8							
9		Bottom 12": Red Brown SAND, some Silt, trace fine Gravel (FILL).	ND	DRY	ND	ND	SSB-X(8-10)-20170411
10							
11	18	Red Brown SAND, some Silt, little fine to medium Gravel, trace Wood (FILL).	ND	DRY	ND	ND	SSB-J5(13-15)-20170411
12							
13							
14							
15							
16	50	Light Brown SAND, little Silt, trace fine Gravel.	ND	DRY	ND	ND	SSB-J5(18-20)-20170411
17							
18							
19							
20							

Notes:
Groundwater encountered at 39 feet below grade surface.
End of soil boring at 40 feet below grade.

PID = photoionization detector PPM = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	85 Jay Street Brooklyn, NY 11201 AKRF Project Number: 12519	Soil Boring ID: Sheet 2 of 2	SSB-J5
AKRF 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: 7822DT Geoprobe Sampling Method: 5' Macrocore Driller: Cascade Weather: 60°F, Sunny Logged By: ML, AKRF	Drilling Start Time: 11:15 Finish Time: 13:05 Date: 4/11/17	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	37	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-J5(23-25)-20170413
26 27 28 29 30	48	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-J5(28-30)-20170413
31 32 33 34 35	50	Light Brown SAND, trace Silt, fine Gravel.	ND	DRY	ND	ND	SSB-J5(33-35)-20170413
36 37 38 39 40	51	Light Brown SAND, trace Silt, fine Gravel.	ND ND	DRY WET	ND ND	ND ND	SSB-J5(36-38)-20170413

Notes:
Groundwater encountered at 39 feet below grade surface.
End of soil boring at 40 feet below grade.

PID = photoionization detector PPM = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: SSB-J6
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	60°F, Sunny
Logged By:	ML, AKRF

Drilling
Start Time: 13:45 **Finish Time:** 14:45
Date: 4/11/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	20	Top 2": Gray SAND, Silt, fine to medium Gravel (FILL).	ND	DRY	ND	ND	
2		Bottom 18": Red Brown SAND, some Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	
3							SSB-J6(3-5)-20170411
4							
5							
6	40	Top 26": Red Brown SAND, some Silt, trace fine to medium Gravel (FILL).	ND	DRY	ND	ND	
7							SSB-J6(8-10)-20170411
8		Next 10": Red Brown SAND, some Silt, Gravel (FILL).	ND	DRY	ND	ND	SSB-J6(8-10) MS/MSD 20170411
9							
10		Bottom 4": Red Brown SAND, trace Silt, fine Gravel (FILL).	ND	DRY	ND	ND	
11	45	Top 18": Red Brown SAND, some Silt, little fine to medium Gravel, trace Wood, Gravel. (FILL).	ND	DRY	ND	ND	
12							
13		Next 10": CONCRETE.	ND	DRY	ND	ND	SSB-J6(13-15)-20170411
14		Bottom 17": Red Brown SAND, some Silt, trace fine Gravel.	ND	DRY	ND	ND	
15							
16	46						
17							
18		Red Brown SAND, some Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	SSB-J6(18-20)-20170411
19							
20							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

85 Jay Street
Brooklyn, NY 11201
AKRF Project Number: 12519

Soil Boring ID: **SSB-J6**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	7822DT Geoprobe
Sampling Method:	5' Macrocore
Driller:	Cascade
Weather:	60°F, Sunny
Logged By:	ML, AKRF

Drilling
Start Time: 13:45 **Finish Time:** 14:45
Date: 4/11/17

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23 24 25	25	Red Brown SAND, little Silt, trace fine to medium Gravel.	ND	DRY	ND	ND	SSB-J6(23-25)-20170411
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes:
Groundwater not encountered.
End of soil boring at 25 feet below grade (REFUSAL).

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

APPENDIX C

DATA USABILITY SUMMARY REPORTS (DUSRS)
FOR SOIL, GROUNDWATER, AND SOIL VAPOR/AMBIENT AIR ANALYSES

Due to their size, the DUSRs are available as a separate report:
report.bcp.C224248.2017-07-17.Data_Usability_Summary_Report_for_Remedial_Investigation-85_Jay_Street_Site_DUSR.PDF

APPENDIX D

LABORATORY DATA DELIVERABLES FOR SOIL, GROUNDWATER, AND SOIL VAPOR/AMBIENT AIR ANALYSES