1921 ATLANTIC AVENUE

BROOKLYN, NEW YORK

BLOCK 1557, LOTS 1, 2, 3, 4, 23, 26, 28, 31, 32, 33, 34, 35, 36, 37, & 38

Remedial Investigation Report

NYSDEC BCP Site Number: TBD

NYC OER Site Number: 17TMP0331K; 17JMPS004K

Prepared for:

New York City Office of Environmental Remediation

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
BGS	Below Ground Surface
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
ECL	Environmental Conservation Law
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
PWGC	P. W. Grosser Consulting Inc.
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database
UST	Underground Storage Tank

CERTIFICATION

I, Richard T. Kampf, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 1921 Atlantic Avenue site Brooklyn, NY Site, (NYCOER17TMP0331K; 17JMP5004K; NYSDEC BCP Site No. TBD). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to the New York City Voluntary Cleanup Program RCNY§ 43-1407(f) and the New York State Brownfield Cleanup Program NYECL Article 27 Title 14 (BCP Law). The remedial investigation (RI) described in this document is consistent with applicable guidance. The RIR was generated as per the BCP Law and is consistent with the RIR requirements of DER-10. This report is intended to document the results of the investigations of potential areas of concern (AOCs) within the property boundary and evaluate if off-site adjacent properties may be impacted. The findings of the RI indicate that the Site is eligible for entry into the New York State Brownfield Cleanup Program (BCP). The Site is being redeveloped into a mixed- use commercial supermarket and residential building.

Site Location and Current Usage

The Site is located at 1921 Atlantic Avenue (a/k/a 19 Prescott Place) in the Bedford-Stuyvesant section of New York and is identified as Block 1557 and Lots 1, 2, 3, 4, 23, 26, 28, 31, 32, 33, 34, 35, 36, 37 and 38 on the New York City Tax Map. The Site is 30,362 square feet and is bounded by multi-story residential buildings to the north, Atlantic Avenue to the south, Bancroft Place to the east, and Prescott Place to the west. Adjacent properties include multiple auto repair facilities and the Long Island Railroad. Currently, a vacant two-story residential apartment building with two gated garages is present on Lot 38, and a vacant one two-story residential home is present on Lot 2. Therefore, the entire site is vacant.

Summary of Proposed Redevelopment Plan

Existing buildings will be demolished as part of the site preparation activities and to perform remediation under the on-Site structures. The proposed future use of the Site will consist of the construction of a mixed-use fourteen story building with a cellar. The current zoning designation is M1-1/R7D (residential/commercial/manufacturing). The proposed use is consistent with existing zoning for the property. The buildings' cellars will be utilized for parking and mechanical equipment and storage. The first floor will be commercial retail space for a planned supermarket. The second through fourteenth floors will be residential space. The cellar space will encompass the entire site. The finished depth of the cellar foundations will be approximately 12 feet below sidewalk level. Elevator foundations will be at approximately 17

feet below sidewalk level. Excavation will occur across the entire site. An estimated 13,000 cubic yards of soil, approximately 8,500 yards of which exceeds applicable SCGs and will require special handling and off-site disposal, will be removed from the Site. Groundwater will not be encountered during the excavation for development.

Summary of Past Uses of Site and Areas of Concern

A Phase I report for Lots 3, 4, 23, 26, 28, 31, 32, 33, 34, 35, 36, and 37 was prepared in April 2017 for the NYC Office of Environmental Remediation by P. W. Grosser Consulting Inc. A Phase I report for Lots 1, 2, and 38 was prepared in November 2017 for DTF Atlantic, LLC. by P. W. Grosser Consulting Inc.

Historical usage of Lots 3, 4, 23, 26, 28, 31, 32, 33, 34, 35, 36, and 37 indicates that it was first developed sometime prior to 1888. The subject property was used for residential purposes from sometime prior to 1888 to 1934 and residential / commercial purposes from approximately 1934 to 2005 (including lot 28 being utilized as an auto repair / painting facility). The property has been vacant since 2006.

Historical usage of Lots 1, 2, and 38 indicates that it was first developed prior to 1888. The subject property was used for residential / commercial purposes from approximately 1888 to 1951 residential and auto house / private garage purposes from approximately 1951 to the present. Sanborn Maps indicate the presence of a gas tank within an auto garage on Lot 38 from 1951 to 1978. City Directory data indicates the historic use of Lot 38 as a gas filling station in 1934.

The AOCs identified during the investigation of the Site include:

1. **AOC -1 Gasoline Underground Storage Tank**

A subsurface metallic anomaly identified within the southern enclosed garage of Lot 38 during the February 2018 geophysical survey is consistent with the gas tank identified on Sanborn maps. Approximate dimensions of AOC 1 are 7 feet by 9 feet.

2. **AOC -2 Fuel Oil Underground Storage Tank**

A subsurface metallic anomaly identified during the February 2018 geophysical survey beneath the sidewalk and outside the property line of Lot 2 is consistent with the location of a fuel oil

tank fill port observed during the Phase I site inspection. Approximate dimensions of AOC 2 are 4 feet by 6 feet.

3. AOC 3 - Dumping and Debris Piles

Extensive dumping consisting of vehicles in varying stages of disrepair as well as debris piles consisting of tires, construction debris, various containers of automotive fluids, and miscellaneous solid waste were observed on Lots 1, 32, 33, 35, 36. AOC 3 three consists of several debris piles which are identified as AOC 3a, AOC 3b, and AOC 3c. Approximate dimensions of AOC 3a on Lot 1 are 16 feet wide by 90 feet long. Approximate dimensions of AOC 3b on Lots 32 and 33 are 22 feet wide by 22 feet long. Approximate dimensions of AOC 3c on Lots 35 and 36 are 15 feet wide by 15 feet long.

4. AOC 4 - Contaminated Historic Fill Material

The presence of contaminated historic fill material was observed throughout the Site to depths up to approximately 9 feet below grade. Approximate dimensions of AOC 4 are 180 feet long by 142 feet wide.

Summary of the Work Performed under the Remedial Investigation

NYC Office of Environmental Remediation for the twelve lots owned by HPD and DTF Atlantic, LLC for the three lots recently purchased by HP 1921 Atlantic Avenue Housing Development Fund Company, Inc. (Lots 1, 2 and 38) performed the following scope of work:

1. Conducted a site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Conducted a geophysical investigation to identify underground storage tanks and other subsurface anomalies;
3. Installed twenty-one soil borings across the entire project Site, including at least one on each lot, and collected thirty-nine soil samples and two duplicate samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed four groundwater monitoring wells throughout the Site to establish groundwater flow direction and collected four groundwater samples for chemical analysis to evaluate groundwater quality;

5. Installed eight soil vapor probes around the Site perimeter and collected eight samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges from approximately 75 to 82 feet.
2. Depth to groundwater ranges from 67.33 to 72.25 feet at the Site.
3. Groundwater flow is generally from west-northwest to east-southeast beneath the Site.
4. Depth to bedrock is greater than 100 feet at the Site.
5. The stratigraphy of the Site, from the surface down, consists of up to nine feet of contaminated historic fill material underlain by brown silt with poorly sorted gravel.
6. Soil/fill sample results were compared to New York State Department of Environmental Conservation (NYSDEC) Track 1 Unrestricted Use Soil Cleanup Objectives and Track 2 Restricted Residential Use Soil Cleanup Objectives (SCOs) as presented in 6 NYCRR Part 375-6.8 and CP51.
    - Soil/fill results showed no detectable concentrations of herbicides.
    - Soil/fill results showed trace concentrations of multiple VOCs with only Acetone (max of 0.17 mg/kg), a typical laboratory contaminant, exceeding Unrestricted Use SCOs within one shallow sample.
    - Several SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) including acenaphthene (max of 25 mg/kg), benzo(a)anthracene (max of 100 mg/kg), benzo(a)pyrene (max of 84 mg/kg), benzo(b)fluoranthene (max of 110 mg/kg), benzo(k)fluoranthene (max of 37 mg/kg), chrysene (max of 110 mg/kg), dibenzo(a,h)anthracene (max of 16 mg/kg), dibenzofuran (max of 16 mg/kg), fluoranthene (max of 240 mg/kg), indeno(1,2,3-cd)pyrene (max of 45 mg/kg), naphthalene (max of 14 mg/kg), phenanthrene (max of 240 mg/kg), and pyrene (max of 220 mg/kg) exceeded Unrestricted Use SCOs. Of these SVOCs, all except for acenaphthene, dibenzofuran and naphthalene also exceeded Restricted Residential SCOs.
    - Several metals including chromium trivalent (max of 260 mg/kg), chromium hexavalent (max of 3.5 mg/kg), mercury (max of 1.8 mg/kg), barium (max of 2,100

mg/kg), copper (max of 190 mg/kg), lead (7,500 mg/kg), manganese (max of 2,700 mg/kg), nickel (max of 35 mg/kg), zinc (max of 5,600 mg/kg), arsenic (max of 16 mg/kg), and cadmium (max of 8 mg/kg) exceeded Unrestricted Use SCOs. Of these metals, trivalent chromium, mercury, barium, lead, manganese, arsenic and cadmium also exceeded Restricted Residential SCOs.

- Several pesticides including a-Chlordane (max of 11 mg/kg), Aldrin (max of 0.009 mg/kg), Chlordane (Total) (max of 24 mg/kg), Dieldrin (max of 0.023 mg/kg), 4,4'-DDD (max of 0.1 mg/kg), 4,4'-DDE (max of 0.065 mg/kg), 4,4'-DDT (max of 0.17 mg/kg) and y-Chlordane (max of 13 mg/kg) were detected above Unrestricted Use SCOs. Of these pesticides, a-Chlordane, Chlordane (Total) and y-Chlordane also exceeded Restricted Residential SCOs.

- Several PCBs including Aroclor-1254 (max of 1.9 mg/kg), Aroclor-1260 (max of 0.2 mg/kg) and Aroclor (Total) (max of 1.9 mg/kg) exceeded Unrestricted Use SCOs in shallow samples. Of these PCBs, Aroclor-1254 and Aroclor (Total) also exceeded Restricted Residential SCOs in one shallow sample.

- Overall, the soil results were consistent with data identified at sites with contaminated historic fill material in NYC. However, lead is present on every lot and at concentrations that significantly exceed the RRSCO on most lots. Lead concentrations also exceed the IUSCO at one of the lots. In some portions of the site the soil may need to be disposed as hazardous waste.

7. Groundwater sample results from the RI were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater results showed no detectable concentrations of SVOCs, pesticides, herbicides or PCBs in any samples. With regards to VOCs, trace concentrations of chloroform were detected, but none exceeded their GQS. Several dissolved metals were identified in groundwater, but only manganese (540 µg/L), and sodium (max. of 180,000 µg/L) exceeded their respective GQS.

   The RI indicates that groundwater is not impacted by site conditions and did not reveal any sources of contaminants onsite.

8. Soil vapor samples collected during the RI were compared to the compounds listed in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil

Vapor Intrusion dated October 2006. Soil vapor samples collected during the RI showed low levels of petroleum-related VOCs and low levels of chlorinated VOCs. The maximum total concentration of petroleum-related VOCs (BTEX) was 2507.35 µg/m^3. The chlorinated VOCs 1,1-Dichloroethene, cis-1,2-Dichloroethene, 1,1,1-trichloroethane and vinyl chloride were not detected in any of the soil gas samples. PCE was detected in seven of eight samples with a maximum concentration of 7.46 µg/m^3, TCE was detected in five of eight samples with a maximum concentration of 2.63 µg/m^3. Methylene chloride was detected in seven of eight samples with a maximum concentration of 17 µg/m^3, Carbon tetrachloride was detected in one sample with a concentration of 0.44 µg/m^3.

Concentrations of the chlorinated VOCs were below the monitoring level ranges established within the NYSDOH soil vapor guidance matrix.

Based upon the contaminant concentrations observed in the soil vapor, there does not appear to be a significant soil vapor threat. Nevertheless, given the planned partial use of the planned on-Site building for residential purpose, it may be prudent to install a vapor mitigation system as a precautionary measure. Such measures are commonly utilized when the potential exists for off-property sources to contribute to the presence of hazardous substances on another property.

REMEDIAL INVESTIGATION REPORT

1.0 INTRODUCTION

P.W. Grosser Consulting Engineer & Hydrogeologist, PC (PWGC) has prepared the following report to document the findings of the Remedial Investigation (RI) performed at The Site is located at 1921 Atlantic Avenue (a/k/a 19 Prescott Place) in the Bedford-Stuyvesant section of New York (the Site). This work was conducted on behalf of NYC Office of Environmental Remediation and DTF Atlantic, LLC, the prospective Site developers, to document nature and extent of the on-Site contamination requiring remediation, which demonstrates the Site's eligibility for entry into the New York State Brownfield Cleanup Program

The investigation was performed in accordance with a Task Order provided by OER. This report is intended to document the results of the investigations of potential areas of concern (AOCs) within the property boundary and evaluate if off-site adjacent properties may be impacted.

The Site is being redeveloped into a mixed commercial and residential use building.

A Site Location figure is included as **Figure 1**.

2.0 SITE BACKGROUND

DTF Atlantic, LLC plans to enroll in the New York State Brownfield Cleanup Program (NYC BCP) to investigate and remediate a 0.59-acre site located at 19 Prescott Place in the Bedford-Stuyvesant section of New York. Mixed commercial and residential use is proposed for the property. The RI work was performed between November 6, 2017 and March 12, 2018. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f) and the BCP Law.

2.1 Site Location and Current Usage

The Site is located at 1921 Atlantic Avenue (a/k/a 19 Prescott Place) in the Bedford-Stuyvesant section of New York and is identified as Block 1557 and Lots 1, 2, 3, 4 ,23, 26, 28, 31, 32, 33, 34, 35, 36, 37, and 38 on the New York City Tax Map. **Figure 1** shows the Site

location. The Site is 30,362 square feet (.69 acres) and is bounded by multi-story residential buildings to the north, Atlantic Avenue to the south, Bancroft Place to the east, and Prescott Place to the west. Adjacent properties include multiple auto repair facilities and the Long Island Railroad. A figure displaying the Site boundary is shown in **Figure 2**. Currently, a vacant two-story residential apartment building with two gated garages is present on Lot 38 and a vacant one two-story residential home is present on Lot 2. Therefore, the entire Site is vacant.

2.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of the demolition of the existing buildings and construction of a mixed-use commercial and residential fourteen story building with a cellar. A draft architectural plan of the proposed site development is presented in **Appendix A**. The current zoning designation is M1-1/R7D (residential/commercial/manufacturing). The proposed use is consistent with existing zoning for the property. **Figure 3** shows the proposed cellar plans.

The buildings' cellars will be utilized for parking and mechanical equipment and storage. The first floor will be commercial supermarket retail space. The second through fourteenth floors will be residential space. The development's cellar space will encompass the entire Site. The finished depth of the cellar foundations will be approximately 12 feet below sidewalk level. The elevator foundations will be approximately 17 feet below sidewalk level. Excavation will occur across the entire Site. An estimated 13,000 cubic yards of soil, approximately 8,500 yards of which exceeds applicable SCGs and will require special handling and off-site disposal, will be removed from the Site.. Groundwater will not be encountered during the excavation for development. The existing buildings are pending demolition.

2.3 Description of Surrounding Property

Figure 4 shows the surrounding land usage. The subject property is located at the corner of Bancroft Place and Atlantic Avenue. The adjoining property to the north is two-story residential building. On the opposite side of Bancroft Place to the east is a two-story auto mechanic shop. To the south are Atlantic Avenue and the LIRR tracks. To the west, opposite Prescott Place are a vacant lot and an automobile repair shop. The nearest sensitive receptor is Shirley Chisholm Day Care Center Inc., 345 feet to the South, across Atlantic Avenue and the LIRR tracks. The general area surrounding the subject property consists of mixed use commercial, residential, and auto repair buildings.

3.0 SITE HISTORY

3.1 Past Uses and Ownership

Two Phase I reports were prepared for the separate addresses making up the subject property by P.W. Grosser Consulting. A Phase I report for Lots 3, 4, 23, 26, 28, 31, 32, 33, 34, 35, 36, and 37 was prepared in April 2017 for the NYC Office of Environmental Remediation. A Phase I report for Lots 1, 2, and 38 was performed in November 2017 for DTF Atlantic, LLC.

Historical usage of Lots 3, 4, 23, 26, 28, 31, 32, 33, 34, 35, 36, and 37 indicates that it was first developed sometime prior to 1888. The subject property was used for residential purposes from sometime prior to 1888 to 1934 and residential/commercial purposes from approximately 1934 to 2005 (including lot 28 being utilized as an auto repair/painting facility). The property has been vacant since 2006.

Historical usage of Lots 1, 2, and 38 indicates that it was first developed prior to 1888. The subject property was used for residential/commercial purposes from approximately 1888 to 1951, and residential and auto house/private garage purposes from approximately 1951 to the present. Sanborn Maps indicate the presence of a gas tank within an auto garage on Lot 38 from 1951 to 1978. City Directory data indicates the historic use of Lot 38 as a gas filling station in 1934.

3.2 Previous Investigations

There have been no known previous environmental investigations conducted at the Site other than the previously mentioned Phase I ESAs.

3.3 Site Inspection

A pair of inspections was performed at the Site as part of two Phase I Environmental Site Assessments.

The first site inspection pertaining to the aforementioned Phase I for the twelve HPD-owned lots was carried out by Mr. Michael Gaul of PWGC on January 13, 2017. Weather conditions during the inspection were clear with a temperature of 45^{o} Fahrenheit.

The subject property for this initial site investigation consists of the twelve HPD-owned parcels located at 19 Prescott Place in the Brownsville Neighborhood of Brooklyn, New York. These lots are located in Kings County. These lots are identified in the Brooklyn Tax Map as

Block 1557, Lots 3, 4, 23, 26, 28, 31, 32, 33, 34, 35, 36, and 37. Additional addresses associated with these parcels include: 17 Prescott Place, 18-20 Bancroft Place, 22 Bancroft Place, 1923 Atlantic Avenue, 1921 Atlantic Avenue, 1919 Atlantic Avenue, 1917 Atlantic Avenue, 1915A Atlantic Avenue, 1915 Atlantic Avenue, 1913 Atlantic Avenue and 1911A Atlantic Avenue. These lots measure approximately 25,762 square feet and are presently vacant.

The second site inspection pertaining to the aforementioned Phase I for the remaining three lots (Lots 1, 2, and 38) that constitute the Site was carried out by Mr. Michael Gaul and Daniel Johnson of PWGC on October 4, 2017. Weather conditions during the inspection were sunny and clear with a temperature of approximately 58^{o} Fahrenheit.

The subject property for this second site investigation consists of three parcel(s) located at 21 Prescott Place in the Brownsville Neighborhood of Brooklyn, New York. These lot are located in Kings County. These lots are identified in the Brooklyn Tax Map as Block 1557, Lots 1, 2, and 38. Additional addresses associated with these parcels include 21 and 23 Prescott Place and 1911 Atlantic Avenue. These lots measure approximately 4,600 square feet and a vacant one two-story residential home on Lot 2, a gated vacant lot used as car storage on Lot 1, and vacant one two-story residential apartment building with an auto garage previously undergoing renovations coupled with two gated garages on Lot 38 are present.

The Phase I Reports are included in **Appendix B**

3.4 Applicable Standards, Criteria, and Guidance

The applicable Standards, Criteria, and Guidance (SCGs) for soil, groundwater, and soil vapor characterization and remediation for this Site include:

- DER-10,
- 6 NYCRR Part 375-6.8 Soil Cleanup Objectives (SCOs),
- New York State Groundwater Quality Standards and Guidance Values (GQS/GVs) – 6 NYCRR Part 703,
- New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York (as amended),
- NYSDEC Technical Guidance and Administrative Guidance Memorandum (TAGM) # 4031,
- Commissioner Policy – Soil Cleanup Guidance (CP-51),

- NYSDOH Generic Community Air Monitoring Plan (CAMP),
- 29 Code of Federal Regulations (CFR) 1910.120(h),
- June 2015 EPA Soil Vapor Intrusion Guidance Document, and
- ASTM E1903 – 11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process

3.5 Areas of Concern

The AOCs identified during the investigation of the Site include:

1. **AOC - 1 Gasoline Underground Storage Tank**

A subsurface metallic anomaly identified within the southern enclosed garage of Lot 38 during the February 2018 geophysical survey is consistent with the gas tank identified on Sanborn maps. Approximate dimensions of AOC 1 are 7 feet by 9 feet.

2. **AOC - 2 Fuel Oil Underground Storage Tank**

A subsurface metallic anomaly identified during the February 2018 geophysical survey beneath the sidewalk and outside the property line of Lot 2 is consistent with the location of a fuel oil tank fill port observed during the Phase I site inspection. Approximate dimensions of AOC 2 are 4 feet by 6 feet.

3. **AOC 3 - Dumping and Debris Piles**

Extensive dumping consisting of vehicles in varying stages of disrepair as well as debris piles consisting of tires, construction debris, various containers of automotive fluids, and miscellaneous solid waste were observed on Lots 1, 32, 33, 35, 36. AOC 3 three consists of several debris piles which are identified as AOC 3a, AOC 3b, and AOC 3c. Approximate dimensions of AOC 3a on Lot 1 are 16 feet wide by 90 feet long. Approximate dimensions of AOC 3b on Lots 32 and 33and 22 feet wide by 22 feet long. Approximate dimensions of AOC 3c on Lots 35 and 36 are 15 feet wide by 15 feet long.

4. **AOC 4 - Contaminated Historic Fill Material**

The presence of contaminated historic fill material was observed throughout the Site to depths up to approximately 9 feet below grade. Approximate dimensions of AOC 4 are 180 feet long by 142 feet wide.

A map showing areas of concern is presented in **Figure 5**.

4.0 PROJECT MANAGEMENT

4.1 Project Organization

The Qualified Environmental Professional(s) (QEP) responsible for preparation of this RIR is Richard T. Kampf.

4.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

4.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

5.0 REMEDIAL INVESTIGATION ACTIVITIES

The following scope of work was performed on behalf of the NYC Office of Environmental Remediation on Lots 3, 4, 23, 26, 28, 31, 32, 33, 34, 35, 36, and 37 between November 6, 2017 and December 13, 2017:

1. Conducted a Site inspection including a geophysical investigation to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed eleven soil borings across the entire project Site, and collected twenty-three soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed four groundwater monitoring wells throughout the Site to establish groundwater flow and collected four groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed six soil vapor probes around Site perimeter and collected six samples for chemical analysis.

The following scope of work was performed on behalf of DTF Atlantic, LLC on Lots 1, 2, and 38 between February 13, 2018 and February 19, 2018:

1. Conducted a Site inspection including a geophysical investigation to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed six soil borings across the entire project Site, and collected twelve soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed two soil vapor probes within Lot 38 garages and collected two samples for chemical analysis.

The following additional scope of work was performed on behalf of DTF Atlantic, LLC on Lots 1, 32, 34, and 37 on March 12, 2018:

1. Installed four soil borings, one soil boring on each of the four lots that had not been previously sampled, to complete the RI for the collective 15 parcel Site and collected four soil samples for chemical analysis.

All work was performed in conjunction with the June 2016 NYCOER-approved Health and Safety Plan (HASP). The HASP in included as **Appendix C**.

5.1 Geophysical Investigation

On November 6, 2017, Enviroprobe Service, Inc. conducted a geophysical survey covering Lots 3, 4 ,23, 26, 28, 31, 32, 33, 34, 35, 36, and 37. On February 13, 2018, a second geophysical survey was conducted by Enviroprobe Service, Inc. covering the additional Lots 1, 2, and 38 and adjacent sidewalks. This subsequent survey was required because these lots were added to the project Site after the first survey was completed. The subsurface geophysical investigations utilized a GSSI UtilityScan cart-mounted ground penetrating radar (GPR) unit with a 350 MHz antenna, a Fisher TW-6 metallic locator, a Radiodetection multifrequency transmitter, and a Radiodetection receiver.

The February 2018 geophysical survey identified two anomalies indicative of the presence of USTs at the Site. Metallic Anomaly #1 is located within the southern garage on Lot 38 and measured approximately 7 feet by 9 feet. This anomaly is consistent with a UST. Metallic Anomaly #2 is located beneath the sidewalk in front of the house on Lot 2. The approximate dimensions measure 4 feet by 6 feet. This anomaly is consistent with a UST.

Further information regarding the methodology, equipment, findings, and limitations of the geophysical surveys are detailed in the Geophysical Survey Reports which are included as **Appendix D**.

Drilling and Soil Logging

Soil borings were advanced and sampled in accordance with May 2010 NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation and the June 2016 NYCOER approved HASP.

2017 Sampling Event

The first sampling event was performed between November 6 and December 13 , 2017 on Lots 3, 4 ,23, 26, 28, 31, 32, 33, 34, 35, 36, and 37

A total of eleven soil borings were installed throughout the Site. Soil borings were biased towards identified AOCs. Remaining borings were installed to ensure comprehensive coverage of the entire 15 parcel Site. Borings were installed with a Geoprobe® 7800 or utilizing the slide

hammer, direct push method. Geoprobe rods were decontaminated between borings with an Alconox and water rinse to prevent cross-contamination. Single-use disposable liners were utilized within the rods. Soil samples were collected continuously within the macrocore and screened with a photoionization detector (PID) for the presence of volatile organic compounds (VOCs). The PID was calibrated daily with fresh air zero and 100 parts per million (ppm) isobutylene span calibration. PID readings were below 2.0 ppm in each of the soil borings and there was no visual or olfactory evidence of impact to the soil.

Soil characterization occurred continuously as borings were advanced from grade. Soils were mainly characterized from 0 to 9 feet as being medium grained sand with contaminated historic fill material and transitioned to native soils consisting of brown sandy silt with small gravel.

February 2018 Sampling Event

The second soil sampling event was performed between February 13 and February 19, 2018 on Lots 1, 2, and 3. During this event, a total of six borings were installed throughout the Site. Soil Borings were advanced to variable depths. Drilling services were provided by Land, Air, Water Environmental Services (LAWES). Three of the six borings were installed using the aforementioned Geoprobe® methods. The remaining three soil borings were inaccessible with the Geoprobe® drilling rig and were installed manually using split-spoon and slide hammer. All non-dedicated sampling equipment was decontaminated with a laboratory grade detergent and clean water rinse.

Soils observed at these locations consisted of primarily brown fine to medium grained sands with some gravel and silt observed through the matrix. Contaminated historic fill material was identified to a depth of 6 feet below surface grade with the depth varying depending on the boring. No sign of petroleum contamination, including staining and odors, were observed. Soils screened with a PID did not exhibit concentrations exceeding 0.0 parts per million (ppm) above background concentrations.

March 2018 Sampling Event

The third soil sampling event was performed on March 12, 2018 on Lots 1, 32, 34, and 37 to complete the RI on each lot that constitutes the 15 parcel Site. Hand tools and manual hand auger were utilized to perform four soil borings on the Site. Refusal was met at each boring due to the presence of significant contaminated historic fill material at shallow intervals. Manual tools were decontaminated with a laboratory grade detergent and clean water rinse. Soils

screened with a PID did not exhibit concentrations exceeding 0.0 parts per million (ppm) above background concentrations.

Boring logs were prepared by a geologist and are attached in **Appendix E**. A map showing the location of soil borings, monitoring wells, and soil vapor points is shown in **Figure 6.**

Groundwater Monitoring Well Construction

Four monitoring wells were installed at the Site between November 10 and November 16, 2017. The wells were drilled using 6-inch hollow steel augers. The monitoring wells were constructed of 2-inch diameter PVC pipe with a 10-foot screened section of 10 slot sized screen. Wells were drilled to a final depth of 77.10 to 85.00 feet. The monitoring well construction logs are included as **Appendix F**.

Monitoring well locations are shown in **Figure 6**.

Survey

On January 29, 2018, Licensed Surveyor Matrix New World surveyed all groundwater monitoring wells and soil borings performed as part of the Site remedial investigation. Survey guidelines for groundwater monitoring wells were taken at inner casing elevations at North side of the top of 2'' PVC. The project vertical datum used was the North American Vertical Datum 1988. Northing and Easting values are in the New York State Plane Coordinate System NAD 83 determined by differential GPS using the NGS CORS Network. The survey indicated a general trend of decreasing elevation when moving from east to west at the Site. The overall differential between the surveyed high point in the east and the surveyed low point in the west is 5.5 feet.

Survey elevation and coordinate data are located in **Appendix G.**

Water Level Measurement

Depth-to-water measurements were collected on January 29, 2018, February 1, 2018 and February 19, 2018 with a Solinist Interface Probe. Free product was not observed in the monitoring wells. Groundwater was encountered at a range of depths from approximately 67.33 to 72.53 feet below local grade.

Based upon the results of the well gauging and groundwater contour maps, groundwater beneath the Site appears to flow toward the east-southeast. The United States Geological Survey (USGS) Groundwater Conditions on Long Island in 2013 map indicates that the Site is located in

the vicinity of a hydrogeologic divide. Therefore, groundwater may have the potential to flow in another direction under different conditions. The hydraulic gradient was calculated to be 0.00067 ft/ft along the groundwater flow path. Based on a review of available literature from the United States Geologic Survey (USGS) on the hydrologic framework of Long Island, the hydraulic conductivity is estimated to range between approximately 53 ft/day and 240 ft/day. Assuming a porosity of 0.4, the calculated pore water velocity is estimated to range from approximately 0.09 ft/day to 0.40 ft/day.

Table 1 presents groundwater monitoring well elevations. **Figure 7** presents groundwater elevation contours and flow direction.

Permitting

Due to the proximity to the Long Island Railroad (LIRR) all subsurface work at the Site was first required to be cleared with the Metropolitan Transit Authority (MTA). Prior to the installation of monitoring wells and the advancement of soil borings, MTA permitting for the work was acquired. In addition, a NYC Department of Transpiration (NYCDOT) sidewalk opening permit was acquired prior to the advancement of borings in the sidewalk to investigate the presence of subsurface anomalies.

Permitting documentation is presented in **Appendix H**

5.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for the Areas of Concern. Sample collection also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Grab samples were collected from each of the borings and placed in laboratory supplied bottleware and labeled with the appropriate boring ID and sample depth. Samples were then

placed on ice in a cooler and delivered to Hampton-Clarke, Inc., of Fairfield, New Jersey, NELAC-accredited and certified in New York, under proper chain of custody procedures.

2017 Sampling Event

During the 2017 soil sampling event, a total of eleven soil borings were installed. Six were advanced to 10 feet below ground surface (ft bgs) (SB001, SB002, SB005, SB006, SB007, and SB010) and five were advanced to 14 ft bgs (SB003, SB004, SB008, SB009, and SB011) pursuant to NYCOER instruction. Shallow grab samples were collected from the shallowest two-foot interval of each boring and intermediate and deep samples were then taken throughout the borings and biased toward any PID, olfactory or visual responses. Deep samples were collected from the bottom two feet of fill in the borings advanced to 10 ft bgs and from the two feet beyond development depth in the borings advanced to 15 ft bgs. Shallow and deep grab samples alone were taken in nine out of eleven borings, and shallow, intermediate and deep grab samples were taken in two out of eleven borings (SB003 and SB004).

A total of 23 soil samples were collected for chemical analysis during the November 2017 sampling event. A blind duplicate soil sample was collected from SB005 at 0 to 2 feet. In addition, a matrix spike/matrix spike duplicate (MS/MSD), equipment blank and trip blank were all collected at a frequency of one set of QA/QC samples total per NYCOER.

February 2018 Sampling Event

During the February 2018 sampling event a total of six soil borings were installed. Three soil borings (SB012, SB013, and SB014) were advanced using split-spoon and manual slide hammer and terminated at depths of 7.5 ft bgs, 6 ft bgs, and 8 ft bgs respectively, due to refusal. Then, using a Geoprobe® two soil borings were advanced to 20 ft bgs (SB015 and SB016). Lastly, one soil boring was advanced to 14 ft bgs (SB017). Soil borings SB012 and SB013 were positioned to examine the heating oil storage tank identified during the geophysical survey and were sampled at the shallowest and deepest achievable two-foot intervals. Soil boring SB014 was sampled at the shallowest and intermediate depths. Soil borings SB015 and SB016 were positioned to examine the gasoline storage tank identified during the geophysical survey and were sampled at intermediate and deep depths. Soil boring SB017 was sampled at intermediate and deep depths. Soil samples were field screened for the presence of volatile organic compounds (VOCs) with a photo-ionization detector (PID). Samples were taken throughout the

borings and biased toward any PID, olfactory or visual responses. Metallic anomalies are presented in **Figure 5**.

A total of twelve soil samples were collected for chemical analysis during the February 2018 sampling event. A blind duplicate soil sample was collected from SB014 0 to 2 ft bgs. In addition, a matrix spike/matrix spike duplicate (MS/MSD) were collected.

March 2018 Sampling Event

During the March 2018 soil sampling event a total of four soil borings were installed. All four soils borings were sampled at the shallowest interval 0 to 2 feet. The presence of contaminated historic fill material significantly impeded the ability to reach depths deeper than 2 feet. Soil samples were field screened for the presence of volatile organic compounds (VOCs) with a photo-ionization detector (PID). Samples were taken throughout the borings and biased toward any PID, olfactory or visual responses.

A total of four soil samples were collected for chemical analysis during the March 2018 sampling event. A trip blank and equipment blank were collected during this sampling event.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Tables 2 through 5**. **Figure 6** shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

Four groundwater samples were collected for chemical analysis between December 6, 2017 and December 13, 2017. All four wells were developed a minimum of 24 hours prior to sampling in accordance with the applicable USEPA guidance. Groundwater sampling was performed using a Grundfos Pump and disposable polyethylene tubing. Low flow data was collected and logged using a Horiba U52-2 Water Quality Meter and corresponding U-50 Series Handset.

Groundwater sample collection data is reported in **Tables 6 to 9**. Sampling logs and development logs with information on purging and sampling of groundwater monitor wells is included in **Appendices I and J**. **Figure 6** shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

QA/QC protocols in accordance with DER-10 were executed during this Remedial Investigation. A blind duplicate groundwater sample was collected from MW002. In addition, a

matrix spike/matric spike duplicate (MS/MSD), equipment blank and trip blank were all collected at a frequency of one per 20 samples collected.

Soil Vapor Sampling

A total of eight soil vapor probes were installed during this RI. During the 2017 sampling event, six soil vapor probes were installed and six soil vapor samples were collected for chemical analysis. During the February 2018 sampling event, two soil vapor probes were installed and two soil vapor samples were collected for chemical analysis. Soil vapor sampling locations are shown in **Figure 6**. Soil vapor monitoring point locations were as follows: SV001 and SV002 at Lot 28, SV003 at Lot 26, SV004 at Lot 23, SV005 at Lot 36, SV006 at Lot 4, SV007 and SV008 at Lot 38. All monitoring points were installed at a depth of five feet below local grade SV007 and SV008 were installed within the garage located at Lot 38. The remainder were located in the vacant lots. Soil vapor sample collection data is reported in **Table 10**. Soil vapor sampling logs are included in **Appendix K**.

The soil vapor probes SV001 to SV006 were installed using a Geoprobe 6610DT and SV007 and SV008 were installed using hand tools. Each probe was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. Coarse sand was placed around the probe to a height of approximately 1 foot above the bottom of the probe. The remainder of the borehole was sealed with a bentonite slurry to the surface. Each probe was leak tested utilizing a tracer gas (helium) in accordance with NYSDOH protocols to serve as a quality assurance/quality control (QA/QC) device to verify the integrity of the soil vapor probe seal. A container was placed over the sampling location and helium was introduced within the container. A helium detector was connected to the sample tubing and checked for the presence of helium to determine if the sample was sufficiently sealed. Each soil vapor probe was determined to be sufficiently sealed for sampling. Purging was conducted by connecting a photoionization detector to the surface tubing and vacating the air within the tubing. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tubing of each of the soil vapor implants. Sample identification, canister number, date, and start time were recorded on tags attached to each canister and in a field notebook. Sampling was then preceded by fully opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field notebook and on the sample tag. The flow rates did not exceed 0.2 liters per minute. After approximately two hours, the flow controller valves were closed and the final vacuum recorded in the field notebook and on the sample tag. Methodologies

used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006* and as amended through 2017.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Hampton-Clarke, Inc.
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were Hampton-Clarke, Inc.
Chemical Analytical Methods	Soil analytical methods: • Part 375 and TAL Metals by EPA Method 6010; • Part 375 and TCL VOCs by EPA Method 8260C; • Part 375 and TCL SVOCs by EPA Method 8270D; • Part 375 and TCL Pesticides by EPA Method 8081B; • Part 375 and TCL PCBs by EPA Method 8082A; • Cyanide by EPA Method 9012B; • Cr3 (Trivalent); • Cr (Hexavalent) 7196A; • Part 375 Herbicides by EPA Method 8151; Groundwater analytical methods: • Part 375 and TAL (Total and Dissolved) Metals by EPA Method 6010; • Part 375 and TCL VOCs by EPA Method 8260C;

	• Part 375 and TCL SVOCs by EPA Method 8270D; • Part 375 and TCL Pesticides by EPA Method 8081B; • Part 375 and TCL PCBs by EPA Method 8082A; • Cyanide by EPA Method 9012B; • Cr3 (Trivalent); • Cr (Hexavalent) 7196A; • Part 375 Herbicides by EPA Method 8151; Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in **Tables 2 through 10**, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Appendix L**.

Investigation Derived Waste

Waste materials generated from the Remedial Investigation Activities such as tubing and gloves were containerized in 55-gallon drums and properly disposed.

Data Usability Summary

Analytical data packages obtained from Hampton Clarke for samples collected during the RI were sent to Laboratory Data Consultants, Inc. (LDC) of Carlsbad, CA to undergo a systematic data validation to provide assurance that the data was adequate for its intended use. RI data was deemed acceptable by the data validator, incorporating data qualifiers as appropriate. Data acceptability was defined as being compliant with established protocols and meeting the project's data quality objectives.

LDC narratives and the full data validation reports are provided in **Appendix M**. Laboratory analytical results tables were updated accordingly.

6.0 ENVIRONMENTAL EVALUATION

6.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of the Site generally consists of a contaminated historic fill material layer approximately 7 to 9 feet thick underlain by native soils consisting of silt or fine brown sand with gravel. In five borings located in the southwestern section of the Site, contaminated historic fill material was observed to approximately 4 to 5 feet below sidewalk grade. No confining units were encountered in the borings. The depth to bedrock is over 100 feet.

Hydrogeology

The Site is located over the Long Island aquifer system, which underlies all of Nassau, Suffolk, Kings (Brooklyn), and Queens Counties. The unconsolidated aquifer formations form a southward-dipping wedge that attains a maximum thickness in Kings County about eight-hundred (800) feet in southeast area of Brooklyn. Overlying bedrock in the area is the Lloyd, Magothy, and Upper Glacial aquifer systems. The Upper Glacial aquifer overlies all underlying units and is found at the surface in nearly all of Kings and Queens Counties.

The Site overlies an interconnected aquifer system consisting of the upper glacial deposits and the underlying Magothy Formation. Based upon the RI, groundwater is present is approximately 70 ft bgs. Based upon the results of the well gauging and groundwater contour maps, groundwater beneath the Site appears to flow toward the east-southeast. The United States Geological Survey (USGS) Groundwater Conditions on Long Island in 2013 map indicates that the Site is located in the vicinity of a hydrogeologic divide. Therefore, groundwater may have the potential to flow in another direction under different conditions. The municipal water supply is provided by the New York City Department of Environmental Protection (NYCDEP) from upstate reservoirs.

A table of water level data for all monitoring wells is included in **Table 1**. A map of groundwater level elevations with groundwater flow contours is shown in **Figure 7**.

6.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in **Tables 2 through 5**. **Figures 8 through 11** show the locations and

posts the values for soil/fill that exceed the 6 NYCRR Part 375-6.8 Unrestricted and/or Restricted Residential Soil Cleanup Objectives.

Visual observations indicate the presence of CHFM to depths of between seven and nine feet bgs throughout the Site. The non-native HFM generally appears to consist of brown silty sands, concrete, brick, and other construction debris. An estimated 13,000 cubic yards of soil, approximately 8,500 yards of which exceeds applicable SCGs and will require special handling and off-site disposal, will be removed from the Site.

A trace concentration of one VOC was identified with only Acetone, a typical laboratory contaminant, exceeding Unrestricted Use SCOs (max of 0.17 ppm) within one shallow sample at SB001 0-2'. This concentration was significantly below the Restricted Residential SCO of 100 ppm.

Semi-volatile Organic Compounds were detected at levels exceeding Restricted Residential Use SCOs in sixteen of twenty-one soil borings (SB001, SB002, SB003, SB004, SB005, SB007, SB008, SB009, SB011, SB010, SB013, SB014, SB018, SB019, SB020, and SB021). The SVOCs exceeding SCOs consisted of acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, dibenzofuran, fluoranthene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene. Acenaphthene was detected in SB007 0-2' at 25 mg/kg exceeding the Unrestricted Use SCO of 20 mg/kg. Benzo(a)anthracene exceeded the Restricted Residential SCO in all listed borings with the most elevated concentration being 100 mg/kg detected in SB007 0-2'. Benzo(a)pyrene exceeded the Restricted Residential SCO in all listed borings with the most elevated concentration being 84 mg/kg detected in SB007 0-2'. Benzo(b) fluoranthene exceeded the Restricted Residential SCO in all listed borings with the most elevated concentration being 110 mg/kg detected in SB007 0-2'. Benzo(k)fluoranthene exceeded the Unrestricted Use SCO in samples SB001, SB002, SB003, SB009, SB010, SB020, SB021 and exceeded the Restricted Residential SCO in samples SB004, SB008, SB007, SB011, SB019 where the most elevated concentration was detected in SB007 0-2' at 37 mg/kg. Chrysene exceeded the Unrestricted Use SCO in samples SB001, SB002, SB003, SB005, SB013, SB018 and exceeded the Restricted Residential SCO in samples SB004, SB008, SB009, SB007, SB011, SB010, SB019 where the most elevated concentration was detected in SB007 0-2' at 110 mg/kg. Dibenzo(a,h)anthracene exceeded the Restricted Residential SCO in SB001, SB002, SB003, SB004, SB008, SB007, SB009, SB011, SB010, SB019 where the most elevated concentration was detected in SB007 0-2' at 16 mg/kg. Dibenzofuran was detected

above Unrestricted Use SCO in SB007 0-2' at a maximum concentration of 16 mg/kg. Fluoranthene exceeded the Restricted Residential SCO in SB008, SB007, and SB011 where the greatest concentration was detected in SB007 0-2' at 240 mg/kg. Indeno(1, 2, 3-cd)pyrene exceeded the Restricted Residential SCO in seventeen of twenty-one soil borings with the most elevated concentration detected in SB007 0-2' at 45 mg/kg. Naphthalene was detected above the Unrestricted Use SCO at 14 mg/kg in sample SB007 0-2'. Phenanthrene was detected above the Restricted Residential SCO at 240 mg/kg in SB007 0-2'. Lastly, Pyrene was detected above the Restricted Residential SCO in SB007 and SB011 where the greatest concentration was 220 mg/kg in SB007 0-2'.

Metals were detected at concentrations exceeding both Unrestricted Use SCOs in twenty of twenty-one soil borings, and exceeding Restricted Residential SCOs seventeen of twenty-one soil borings. Metals exceeding SCOs were: chromium trivalent, chromium hexavalent, mercury, barium, copper, iron, lead, manganese, nickel, zinc, arsenic, and cadmium. Trivalent Chromium exceeded the Unrestricted Use SCO in fourteen samples with a max concentration of 260 mg/kg in SB015 6-8'. Hexavalent Chromium was detected above the Unrestricted Use SCO at 3.5 mg/kg in SB002 5-7'. Mercury was detected above the Unrestricted Use SCO in seventeen samples and above the Restricted Residential SCO in ten samples with a max concentration of 1.8 mg/kg in SB007 0-2'. Barium was detected above the Unrestricted Use SCO in thirteen samples and above the Restricted Residential SCO in twelve samples with a max concentration of 2,100 mg/kg in SB011 0-2'. Copper was detected exceeding the Unrestricted Use SCO in fifteen samples at a max concentration of 190 mg/kg in SB001 0-2'. Lead was detected above the Unrestricted Use SCO in nineteen soil samples and exceeded the Restricted Residential SCO in fifteen samples with a max concentration of 7,500 mg/kg in SB019 0-2', which is significantly above the industrial SCO. However, lead is present on every lot and at concentrations that significantly exceed the Restricted Residential SCO at 12 out of 15 lots. Lead concentrations also exceed the Industrial Use SCO at one of the lots. In some portions of the site the soil may need to be disposed as hazardous waste. Manganese was detected above the Unrestricted Use SCO in three soil samples and exceeded the Restricted Residential SCO once with a max concentration for 2,700 mg/kg in SB010 6-8'. Nickel was detected exceeding the Unrestricted Use SCO once with a max concentration of 35 mg/kg in SB011 12-14'. Zinc was detected above the Unrestricted Use SCO in eighteen soil samples with a max concentration of 5,600 mg/kg in SB019 0-2'. Arsenic was detected exceeding the Unrestricted Use SCO in two samples and at the

Restricted Residential SCO at a concentration of 16 mg/kg in SB008 0-2'. Cadmium was detected above the Unrestricted Use SCO in seven soil samples and exceeded the Restricted Residential SCO in three soil samples with a max concentration of 8 mg/kg in SB002 0-2'.

Pesticides were detected above Unrestricted Use SCOs in sixteen soil samples within fourteen borings. One or more Unrestricted Use SCO exceedances of Aldrin, Dieldrin, p,p'-DDD, p,p'-DDE, p,p'-DDT, and Chlordane (Total) were noted in SB001 0-2', SB001 6-8', SB002 0-2', SB002 6-8', SB004 0-2', SB005 0-2', SB006 0-2', SB008 0-2', SB007 0-2', SB009 0-2', SB010 0-2', SB013 0-2', SB014 0-2', SB018 0-2', SB019 0-2', SB020 0-2', SB021 0-2' . Pesticides were detected above Restricted Residential SCOs in SB021 0-2', a-Chlordane detected at 11 ppm, y-Chlordane detected at 24 ppm, and Chlordane (Total) detected at 13 ppm.

PCBs were detected in six of the soil samples collected. All detections were encountered in the 0-2' interval of SB001 on Lot 23, SB005 on Lot 28, SB007 on Lot 33, SB009 on Lot 36, SB020 on Lot 34, and SB019 on Lot 37. Where SB007 0-2' exceeded NYSDEC Restricted Residential SCO of 1 ppm for Total Aroclor and Aroclor-1254 with a concentration of 1.9 ppm. SB001 0-2' exceeded Unrestricted Use SCO for Total Aroclor and Aroclor-1254. SB009 0-2' exceeded Unrestricted Use SCO for Total Aroclor. SB005 0-2' exceeded Unrestricted Use SCO for Total Aroclor and Aroclor-1260. SB019 0-2' exceeded Unrestricted Use SCO for Aroclor-1254. SB020 0-2' exceeded Unrestricted Use SCO for Aroclor-1254.

6.3 Groundwater Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in **Tables 6 through 9**. Exceedances of applicable groundwater standards are shown.

Figure 12 shows the location and posts the values for groundwater that exceed the New York State 6 NYCRR Part 703.5 Class GA groundwater standards.

No VOCs exceeded GA groundwater standards. Both PCE and TCE were non-detect in all four groundwater monitoring well samples, Chloroform was detected below the GA groundwater standard of 7 µg/L in MW002 and MW003 at 2.6 µg/L and 3 µg/L respectively.

No SVOCs exceeded GA groundwater standards. None of the four groundwater samples showed any detections for SVOCs above laboratory limits.

No PCBs, herbicides or pesticides exceeded GA groundwater standards. None of the four groundwater samples showed any detections for PCBs, herbicides and pesticides above laboratory limits.

Trace metal sodium was identified in all ground water monitoring wells (with a maximum concentration of 180,000 µg/L) in exceedance of GA groundwater standards in each total and dissolved groundwater sample. Trace metal manganese was identified in MW002 (at a maximum concentration of 579 µg/L) in exceedance of GA groundwater standards in the total and dissolved sample. Detections of these trace metals is typical of the region. Iron was also detected above the GA groundwater standard in one of the total samples; however, the concentration of iron was non-detect in the corresponding dissolved sample indicating that the exceedance was likely due to sample turbidity.

6.4 Soil Vapor Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in subsurface soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in **Table 10**.

Figure 13 shows the location of soil vapor samples with detected concentrations.

Several detectable concentrations of VOCs were identified at low concentrations in the eight soil vapor samples. Petroleum compounds, specifically BTEX, were identified in each of the soil vapor samples. BTEX concentrations ranged from 0.36 µg/m^3 to 2507.35 µg/m^3. Chlorinated solvents were also identified in several soil vapor samples. PCE ranged from non-detect to 7.46 µg/m^3, TCE ranged from non-detect to 2.63 µg/m^3, methylene chloride ranged from 2.40 µg/m^3 to 17 µg/m^3 and carbon tetrachloride was detected in one sample at 0.44 µg/m^3, while 1,1-Dichloroethene, cis-1,2-Dichloroethene, 1,1,1-trichloroethane and vinyl chloride were non-detect in all eight samples. All of the chlorinated VOCs were detected below their respective monitoring ranges of the NYSDOH soil vapor guidance matrices.

6.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site. However, there is the potential for portions of soil to be excavated to contain lead at concentrations that may require disposal as hazardous waste.

6.6 Impediments to Remedial Action

There are no known impediments to remedial action at this Site . Support of excavation (SOE) will be required to perform the planned remedial excavation for soil removal and to protect adjacent properties from subsidence.

7.0 Summary of Remedial Investigation

The horizontal delineation of COCs to the applicable UUSCOs was generally completed for the Site. As part of the RI, a total of 39 soil samples were collected throughout the Site including:

- Two samples at AOC 1, including SB012 and SB013.
- Two samples at AOC 2, including SB015 and SB016.
- One sample at AOC 3a (SB017),
- One sample at AOC 3b (SB007), and
- One sample at AOC 3c (SB009).
- All of the samples indicated above as well as the remaining soil samples, were used to investigate AOC 4.

These samples were generally biased towards areas of highest potential contamination consistent with DER-10.

The following presents a summary of the RI findings for each AOC. The horizontal and vertical delineation of COCs has been completed to the extent required with the exception noted below.

1. AOC 1 - Gasoline Underground Storage Tank

A subsurface metallic anomaly identified within the southern enclosed garage of Lot 38 during the February 2018 geophysical survey is consistent with the gas tank identified on Sanborn maps. Approximate dimensions of AOC 1 are 7 feet by 9 feet.

Two borings (SB012 and SB013) were installed to 7.5 feet bgs and 6 feet bgs to investigate this AOC. Both borings encountered approximately four feet of contaminated historic fill material underlain by native soils and exhibited no visual, olfactory or PID evidence of petroleum contamination. Both borings were also met with refusal and as such did not fully

vertically delineate the AOC. The two samples collected from SB012 (0-2 feet bgs and 2-4 feet bgs) contained no exceedances of UUSCOS. SB013 contained exceedances of UUSCOs of SVOCs, metals and pesticides in the 0-2 feet bgs interval and no exceedances in the 2-4 feet bgs interval.

2. AOC 2 - Fuel Oil Underground Storage Tank

A subsurface metallic anomaly identified during the February 2018 geophysical survey beneath the sidewalk and outside the property line of Lot 2 is consistent with the location of a fuel oil tank fill port observed during the Phase I site inspection. Approximate dimensions of AOC 2 are 4 feet by 6 feet.

Two borings (SB015 and SB016) were both installed to 20 feet bgs to investigate this AOC. Contaminated historic fill material was encountered at both borings from ground surface to depths of approximately seven to 15 feet bgs and exhibited no visual, olfactory or PID evidence of petroleum contamination. SB015 contained exceedances of UUSCOs of metals in the 6-8 feet bgs interval and no exceedances in the 18-20 feet bgs interval. The two samples collected from SB016 (13-15 feet bgs and 18-20 feet bgs) contained metals exceedances of UUSCOS.

3. AOC 3 - Dumping and Debris Piles

Extensive dumping consisting of vehicles in varying stages of disrepair as well as debris piles consisting of tires, construction debris, various containers of automotive fluids, and miscellaneous solid waste were observed on Lots 1, 32, 33, 35, 36. The vehicles have been removed. AOC 3 consists of several debris piles which are identified as AOC 3a, AOC 3b, and AOC 3c. Approximate dimensions of AOC 3a on Lot 1 are 16 feet wide by 90 feet long. Approximate dimensions of AOC 3b on Lots 32 and 33 and 22 feet wide by 22 feet long. Approximate dimensions of AOC 3c on Lots 35 and 36 are 15 feet wide by 15 feet long.

Three borings (SB007, SB009 and SB017) were installed to 10 feet bgs, 15 feet bgs and 15 feet bgs to investigate this AOC. SB007 is affiliated with AOC 3b, SB009 is affiliated with AOC 3c and SB017 is affiliated with AOC 3a. Contaminated historic fill material was encountered at all three borings from ground surface to depths of approximately five to ten feet bgs and exhibited no visual, olfactory or PID evidence of petroleum contamination. SB007 contained exceedances of UUSCOs of SVOCs, metals, pesticides and PCBs in the 0-2 feet bgs interval and metals exceedances in the 6-8 feet bgs interval. SB009 contained exceedances of UUSCOs of SVOCs, metals, pesticides and PCBs in the 0-2 feet bgs interval and no exceedances in the 12-14

feet bgs interval. The two samples collected from SB017 (8-10 feet bgs and 12-14 feet bgs) contained no exceedances of UUSCOS.

4. AOC 4 – Contaminated Historic Fill Material (CHFM)

Visual observations indicate the presence of CHFM to depths of between 7 and 9 feet throughout the Site. The non-native HFM generally appears to consist of brown silty sands, concrete, brick, and other construction debris.

While SVOCs were commonly detected at concentrations that exceed the applicable UUSCOs at depths of 0 to 2 feet bgs throughout the Site, SVOCs were also detected at concentrations that exceed the applicable UUSCOs at depths of 6 to 8 feet bgs at the Site.

In addition, while heavy metals were commonly detected at concentrations that exceed the applicable UUSCOs at depths of 0 to 2 feet bgs throughout the Site, several metals were detected at concentrations that exceed the applicable UUSCOs at depths of 6 to 8 feet bgs, and as deep as 14 feet bgs, at the Site. Post-excavation documentation soil samples should be collected in the vicinity of SB004, SB008 and SB011 to confirm that the applicable clean-up objectives are achieved as these borings exhibited the deepest metals exceedances.

Finally, while pesticides and PCBs were commonly detected at concentrations that exceed the applicable UUSCOs at depths of 0 to 2 feet bgs throughout the Site, pesticides were also detected at concentrations that exceed the applicable UUSCOs at depths of 5 to 8 feet bgs at the Site.

8.0 QUALITATIVE HUMAN EXPOSURE ASSESSMENT

The overall purpose of the Qualitative Human Exposure Assessment is to evaluate and document how people might be exposed to Site-related contaminants and to identify and characterize the potentially exposed population(s) now and under reasonably anticipated future use of the Site. To evaluate if an exposure pathway exists, the exposure assessment should assess the quality, representativeness, and adequacy of the available data. In addition, the qualitative exposure assessment should consider the nature of populations currently exposed or that has the potential to be exposed to Site related contaminants both on-site and off-site and describe the reasonably anticipated future land use of the Site and affected off-site areas.

8.1 Contaminant Source

The subject Site is located along Atlantic Avenue from Prescott Place to Bancroft Place. The adjoining property to the north is two-story residential building. On the opposite side of Bancroft Place to the east is a two-story auto mechanic shop. To the south is Atlantic Avenue and the LIRR tracks. To the west, opposite Prescott Place is a vacant lot and an automobile repair shop.

Historical usage of Lots 3, 4, 23, 26, 28, 31, 32, 33, 34, 35, 36, and 37 indicates that it was first developed sometime prior to 1888, and used for residential purposes from sometime prior to 1888 to 1934, and residential/commercial purposes from approximately 1934 to 2005 (including utilizing lot 28 as an auto repair/painting facility). The property has been vacant since 2006.

Historical usage of Lots 1, 2, and 38 indicates that it was first developed prior to 1888, and used for residential/commercial purposes from approximately 1888 to 1951, and residential and auto house/private garage purposes from approximately 1951 to the present. Sanborn Maps indicate the presence of a gas tank within an auto garage on Lot 38 from 1951 to 1978. City Directory data indicates the historic use of Lot 38 as a gas filling station in 1934.

Petroleum products were used in connection with a former auto repair and filling station operations. Multiple USTs were identified on-site that were used to store fuel oil and/or gasoline.

An array of debris was disposed of on-Site via widespread illegal dumping. The vehicles have been removed; however, the debris piles remain. Contaminated historic fill identified on-Site appears to contain SVOCs, pesticides, PCBs and metals.

8.2 Contaminant Release and Transport

Visual observations and laboratory analytical results for subsurface soils collected during the RI indicate that widespread dumping, the presence of contaminated historic fill and possible use of heavy metals is collectively responsible for the presence of SVOCs, pesticides, PCBs and metals in soils. BTEX soil vapor contamination is present in multiple parts of the property which may be evidence of UST leakage or impact from the former automotive repair facility. However, no LNAPL or DNAPL was observed in monitoring wells at the Site, and there was no evidence of the presence of petroleum-saturated soils.

8.3 Points and Routes of Exposure

The SVOCs, metals, pesticides and PCBs detected at the Site above the UUSCOs or RRSCOs can have adverse effects on human health and can be absorbed after ingestion, inhalation, or dermal exposure. Acute exposure symptoms may include headache, dizziness, unconsciousness, abdominal pain, nausea, diarrhea, and skin and eye irritation among other effects. Chronic exposure may cause harm to the central nervous system, liver, kidneys, and dermatitis among other effects. Many of the compounds are known or probable human carcinogens.

The possible on-Site soil exposure pathways are by ingestion, inhalation, or dermal exposure by a person on the Site (currently, trespasser or construction worker). Ingestion, inhalation, and dermal exposure of workers at the Site during construction would not likely be extensive given the intermittent nature of exposure and the precautions presented in the potential HASP and CAMP implementation to prevent exposure. Off-site exposure scenarios include inhalation of particulates during construction. These exposures would be temporary and can be avoided as a result of the precautions presented in the potential HASP and CAMP implementation to prevent exposure and off-site dust migrations through measures such as the truck wash and CAMP monitoring. There are plausible off-site ingestion or dermal exposure pathways under current conditions but site access is prevented by a locked fence around the Site's perimeter.

There is not expected to be a pathway for inhalation soil vapor exposure associated with the potential release of petroleum hydrocarbon-related material at the Site.

8.4 Characterization of Potential Receptor Populations

The subject Site is located along Atlantic Avenue from Prescott Place to Bancroft Place. The adjoining properties to the north are multi-story residential buildings. On the opposite side of Bancroft Place to the east is a two-story auto mechanic shop. To the south is Atlantic Avenue and the LIRR tracks. To the west, opposite Prescott Place is a vacant lot and an automobile repair shop. The nearest sensitive receptor is Shirley Chisholm Day Care Center Inc., 345 feet to the South, across Atlantic Avenue and the LIRR tracks. The general area surrounding the subject Site consists of mixed use commercial, residential, and auto repair buildings. The anticipated remediation will eliminate these potential exposure pathways.

9.0 CONCLUSIONS AND RECOMMENDATIONS

The Site is under consideration for redevelopment as a multi-family residential building. Existing above-grade structures will be demolished. The RI has delineated the vertical and horizontal extent of contaminants of concern, to the Site boundary, that exceed the UUSCOs and RRSCOs in connection with four AOCs, with the exception noted herein. There is no evidence that groundwater is impacted by the Site and there is no indication that off-site adjacent properties may be impacted by the Site. There does not appear to be any immediate and/or significant threat to human health or the environment at the Site. The anticipated remediation will eliminate the on-Site exposure pathways to the contaminants of concern in soil.

The buildings on-Site will be demolished and the Site is vacant. As part of the proposed redevelopment and remediation of the Site, approximately 12 to 17 feet of soil would be excavated and transported off-Site for proper disposal. A Remedial Action Work Plan should be prepared to provide details regarding plans for excavation and post-excavation documentation soil sampling to confirm that the residential clean-up objectives have been met.

The following presents conclusions and recommendations for each AOC based on the RI findings.

9.1 AOC 1 – Gasoline Underground Storage Tank

- A gasoline underground storage tank is present in the garage on Lot 38.
- The presence of petroleum-related constituents in soil vapor samples indicates that the underground gasoline tank may have leaked; however, soil sample could not be collected from directly beneath the former UST.
- Based upon the nature and concentration of the constituents observed in soil vapor samples there does not appear to be a significant soil vapor threat to potential on or off-site receptors. Nevertheless, given the planned partial use of the planned on-Site building for residential purpose, it may be prudent to install a vapor mitigation system as a precautionary measure. Such measures are commonly utilized when the potential exists for off-property sources to contribute to the presence of hazardous substances on another property.
- Soil, structures, including the former UST, and related piping should be properly removed and disposed.

- A post-excavation documentation soil sample should be collected in the vicinity of AOC 1 to confirm that the applicable clean-up objectives are achieved.
- Upon confirmation of the capacity and usage of the tank it should be registered with the NYSDEC if it exceeds the applicable threshold.

9.2 AOC 2 – Fuel Oil Underground Storage Tank

- A fuel oil underground storage tank is present in the sidewalk adjacent to Lot 2.
- There is no evidence that the fuel oil UST has leaked; however, a sample could not be collected from directly beneath the former UST,
- Soil, structures, including the former UST, and related piping should be properly removed and disposed. to confirm that the applicable clean-up objectives are achieved
- A post-excavation documentation soil sample should be collected in the vicinity of AOC 2 to confirm that the applicable clean-up objectives are achieved.

9.3 AOC 3 – Dumping and Debris Piles

- Dumping was identified above ground surface on Lots 1, 32, 33, 35, 36 consisting of vehicles in varying stages of disrepair, tires, construction debris, various containers of automotive fluids, and miscellaneous solid waste,
- Debris piles should be properly removed and disposed.
- Post-excavation documentation samples should be collected in the vicinity of AOC 3a, AOC 3b, and AOC 3c, to confirm that the applicable clean-up objectives are achieved.

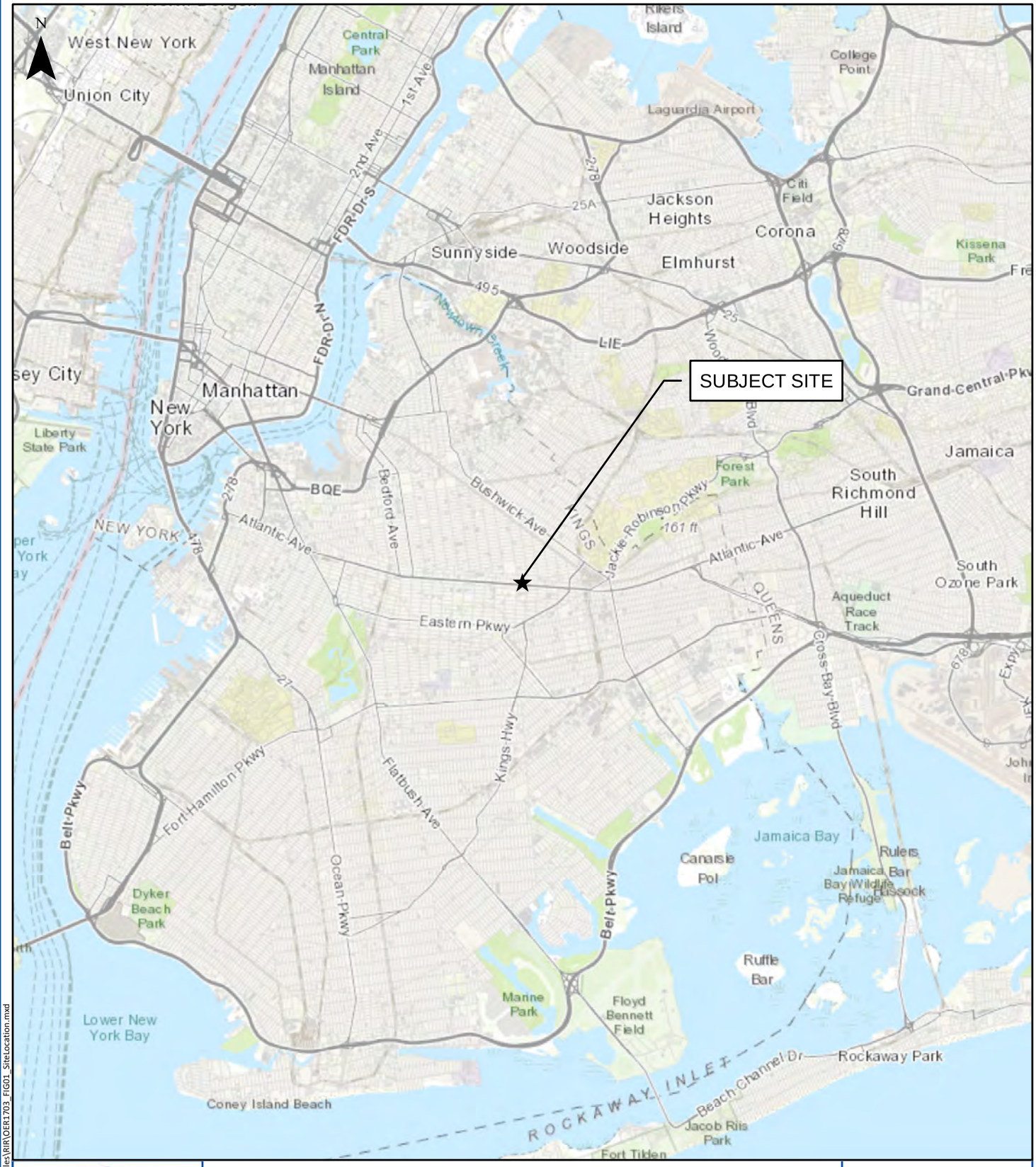
9.4 AOC 4 – Historic Fill Material

- SVOCs, metals, pesticides and PCBs are present above UUSCOs and RRSCOs in soil to depths of approximately 12 to 14 ft bgs, throughout the majority of the Site. Therefore, in order to achieve the applicable unrestricted or restricted residential clean-up objectives, the Site should be excavated to a depth of approximately 12 to 14 ft bgs, with the exception of select areas without deep exceedances of UUSCOs.
- Post-excavation documentation soil samples should be collected in order to confirm that the applicable unrestricted or restricted residential clean-up objectives are achieved.

9.5 Site-Specific Standards, Criteria and Guidance

- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes
- 6 NYCRR Part 375 - Inactive Hazardous Waste Disposal Sites
- 6 NYCRR Parts 700-706 - Water Quality Standards (June 1998)
- STARS #1 - Petroleum-Contaminated Soil Guidance Policy
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites (October 1994)
- Technical Guidance for Screening Contaminated Sediments (January 1999)
- NYSDOH Indoor Air Sampling & Analysis Guidance (August 8, 2001 or subsequent update)
- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (draft October 2004 or subsequent final draft)
- DER Interim Strategy for Groundwater Remediation at Contaminated Sites in New York State
- 6 NYCRR Part 612 - Registration of Petroleum Storage Facilities (February 1992)
- 6 NYCRR Part 613 - Handling and Storage of Petroleum (February 1992)
- 6 NYCRR Part 614 - Standards for New and Substantially Modified Petroleum Storage Tanks (February 1992)
- 40 CFR Part 280 - Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks

FIGURES



SITE LOCATION

19 Prescott Place
Brooklyn, NY

0 ½ 1 2 3 4 5 Miles

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Date:	4/13/2018
Designed by:	MG
Drawn by:	TS
Approved by:	MG
Figure No:	1

Document Path: W:\Projects\M-R\OER1703\mapfiles\RIR\OER1703_FIG01_SiteLocation.mxd

Notes
Lot numbers are shown within the boundary of each lot.
Lot numbers in red are privately owned and lot numbers in black are owned by NYC HPD.

Adjacent Lot

Site Boundary

Document Path: W:\Projects\M-R\OER\1703\mapfiles\RIR\FIG02_SitePlan.mxd

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SITE PLAN

19 Prescott Place
Brooklyn, NY

FIGURE NO:

2

Notes
Lot numbers are shown within the boundary of each lot.
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PROPOSED CELLAR PLAN

19 Prescott Place
Brooklyn, NY

FIGURE NO:

3

Document Path: W:\Projects\M-R\OER\1703\mapfiles\RIR\OER1703_FIG04_SurroundingLandUse.mxd

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SURROUNDING LAND USE

19 Prescott Place
Brooklyn, NY

FIGURE NO:

4

Document Path: W:\Projects\M-R\OER\1703\mapfiles\RIR\OER1703_FIG05_AreasofConcern.mxd

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AREAS OF CONCERN

19 Prescott Place
Brooklyn, NY

FIGURE NO:

5

Document Path: W:\Projects\M-R\OER\1703\mapfiles\RIR\FIG06_SampleLocations.mxd

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SAMPLE LOCATIONS

19 Prescott Place
Brooklyn, NY

FIGURE NO:

6

Notes
Groundwater elevation was measured on 2/19/18 and is shown adjacent to monitoring wells.
Lot numbers are shown within the boundary of each lot.
Lot numbers in red are privately owned. Lot numbers in black are owned by NYC HPD.

Document Path: W:\Projects\M-R\OER\1703\mapfiles\RIR\FIG07_GroundwaterFlowDirection.mxd

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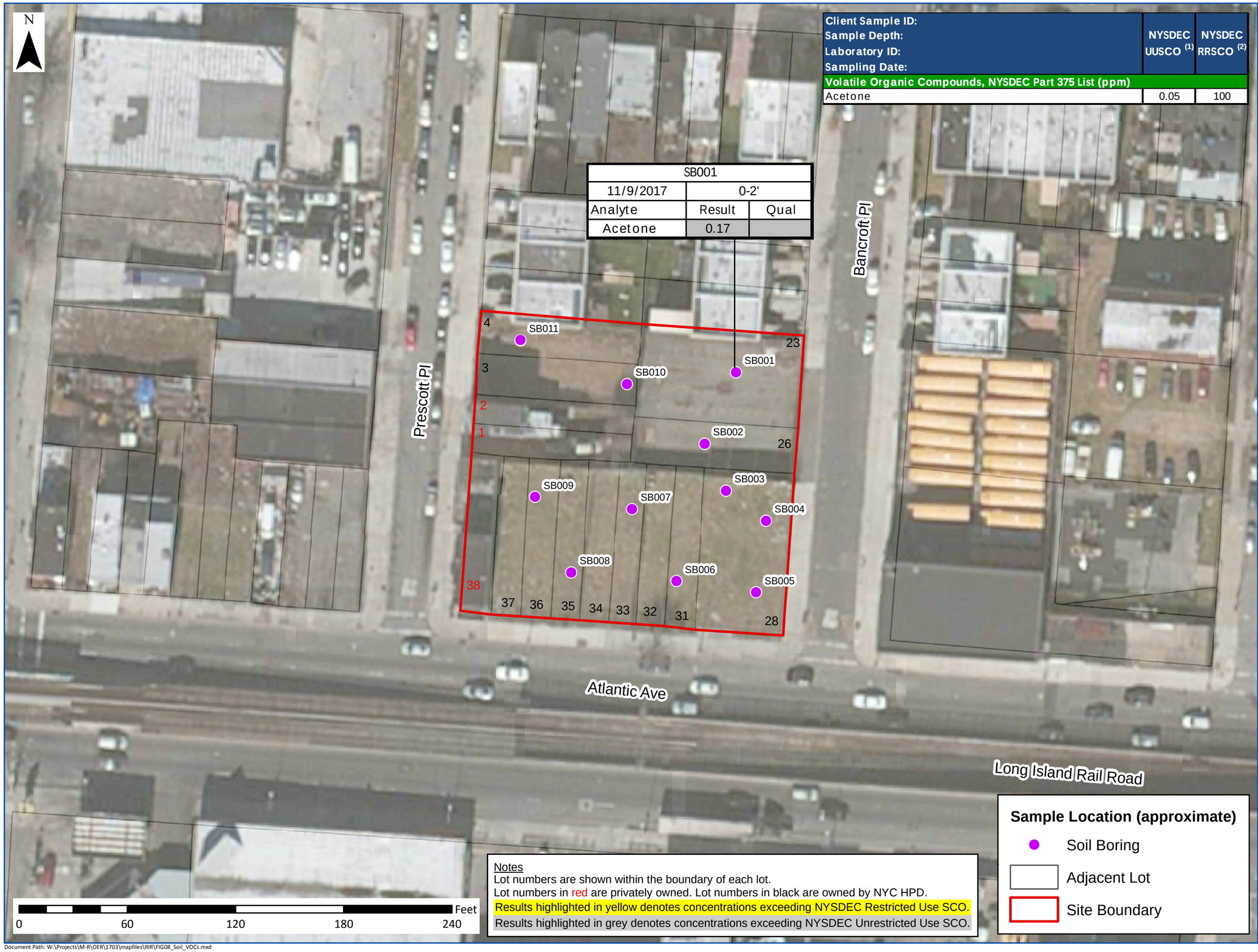
GROUNDWATER FLOW DIRECTION

19 Prescott Place
Brooklyn, NY

FIGURE NO:

7



Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)
Volatile Organic Compounds, NYSDEC Part 375 List (ppm)		
Acetone	0.05	100

Sample Location (approximate)

- Soil Boring
- Adjacent Lot
- Site Boundary

Notes
Lot numbers are shown within the boundary of each lot.
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Results highlighted in yellow denotes concentrations exceeding NYSDEC Restricted Use SCO.
Results highlighted in grey denotes concentrations exceeding NYSDEC Unrestricted Use SCO.

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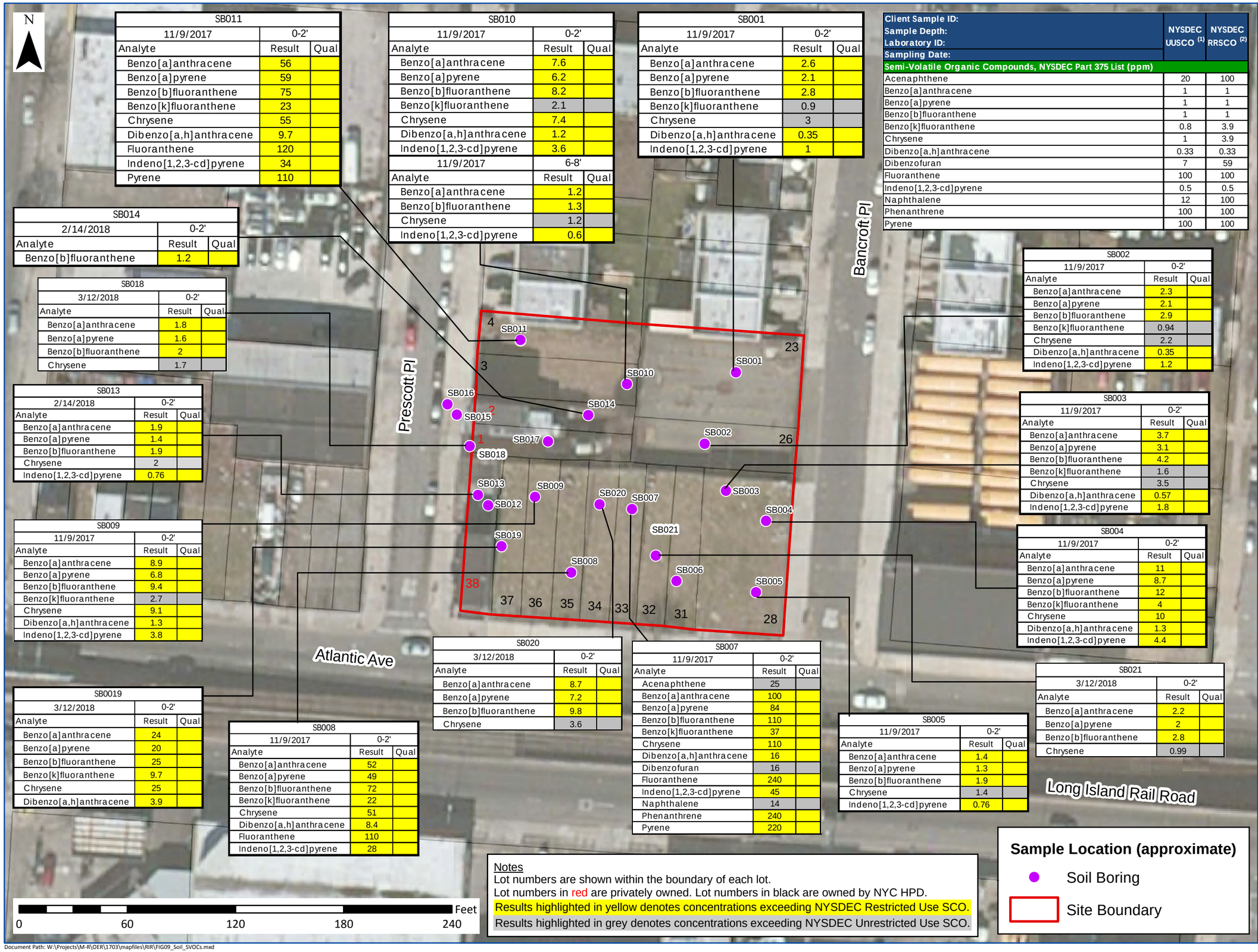
Date:	4/25/2018	Drawn by:	TS
Scale:	AS SHOWN	Approved by:	RK

SOIL SAMPLING RESULTS - VOC EXCEEDANCES

19 Prescott Place
Brooklyn, NY

FIGURE NO:

8



SB011	
11/9/2017	0-2'
Analyte	Result
Benzo[a]anthracene	56
Benzo[a]pyrene	59
Benzo[b]fluoranthene	75
Benzo[k]fluoranthene	23
Chrysene	55
Dibenzo[a,h]anthracene	9.7
Fluoranthene	120
Indeno[1,2,3-cd]pyrene	34
Pyrene	110

SB010	
11/9/2017	0-2'
Analyte	Result
Benzo[a]anthracene	7.6
Benzo[a]pyrene	6.2
Benzo[b]fluoranthene	8.2
Benzo[k]fluoranthene	2.1
Chrysene	7.4
Dibenzo[a,h]anthracene	1.2
Indeno[1,2,3-cd]pyrene	3.6
11/9/2017	6-8'
Analyte	Result
Benzo[a]anthracene	1.2
Benzo[b]fluoranthene	1.3
Chrysene	1.2
Indeno[1,2,3-cd]pyrene	0.6

SB001	
11/9/2017	0-2'
Analyte	Result
Benzo[a]anthracene	2.6
Benzo[a]pyrene	2.1
Benzo[b]fluoranthene	2.8
Benzo[k]fluoranthene	0.9
Chrysene	3
Dibenzo[a,h]anthracene	0.35
Indeno[1,2,3-cd]pyrene	1

Client Sample ID: / Sample Depth: / Laboratory ID: / Sampling Date:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)
Semi-Volatile Organic Compounds, NYSDEC Part 375 List (ppm)		
Acenaphthene	20	100
Benzo[a]anthracene	1	1
Benzo[a]pyrene	1	1
Benzo[b]fluoranthene	1	1
Benzo[k]fluoranthene	0.8	3.9
Chrysene	1	3.9
Dibenzo[a,h]anthracene	0.33	0.33
Dibenzofuran	7	59
Fluoranthene	100	100
Indeno[1,2,3-cd]pyrene	0.5	0.5
Naphthalene	12	100
Phenanthrene	100	100
Pyrene	100	100

SB014	
2/14/2018	0-2'
Analyte	Result
Benzo[b]fluoranthene	1.2

SB018	
3/12/2018	0-2'
Analyte	Result
Benzo[a]anthracene	1.8
Benzo[a]pyrene	1.6
Benzo[b]fluoranthene	2
Chrysene	1.7

SB013	
2/14/2018	0-2'
Analyte	Result
Benzo[a]anthracene	1.9
Benzo[a]pyrene	1.4
Benzo[b]fluoranthene	1.9
Chrysene	2
Indeno[1,2,3-cd]pyrene	0.76

SB002	
11/9/2017	0-2'
Analyte	Result
Benzo[a]anthracene	2.3
Benzo[a]pyrene	2.1
Benzo[b]fluoranthene	2.9
Benzo[k]fluoranthene	0.94
Chrysene	2.2
Dibenzo[a,h]anthracene	0.35
Indeno[1,2,3-cd]pyrene	1.2

SB003	
11/9/2017	0-2'
Analyte	Result
Benzo[a]anthracene	3.7
Benzo[a]pyrene	3.1
Benzo[b]fluoranthene	4.2
Benzo[k]fluoranthene	1.6
Chrysene	3.5
Dibenzo[a,h]anthracene	0.57
Indeno[1,2,3-cd]pyrene	1.8

SB009	
11/9/2017	0-2'
Analyte	Result
Benzo[a]anthracene	8.9
Benzo[a]pyrene	6.8
Benzo[b]fluoranthene	9.4
Benzo[k]fluoranthene	2.7
Chrysene	9.1
Dibenzo[a,h]anthracene	1.3
Indeno[1,2,3-cd]pyrene	3.8

SB004	
11/9/2017	0-2'
Analyte	Result
Benzo[a]anthracene	11
Benzo[a]pyrene	8.7
Benzo[b]fluoranthene	12
Benzo[k]fluoranthene	4
Chrysene	10
Dibenzo[a,h]anthracene	1.3
Indeno[1,2,3-cd]pyrene	4.4

SB020	
3/12/2018	0-2'
Analyte	Result
Benzo[a]anthracene	8.7
Benzo[a]pyrene	7.2
Benzo[b]fluoranthene	9.8
Chrysene	3.6

SB007	
11/9/2017	0-2'
Analyte	Result
Acenaphthene	25
Benzo[a]anthracene	100
Benzo[a]pyrene	84
Benzo[b]fluoranthene	110
Benzo[k]fluoranthene	37
Chrysene	110
Dibenzo[a,h]anthracene	16
Dibenzofuran	16
Fluoranthene	240
Indeno[1,2,3-cd]pyrene	45
Naphthalene	14
Phenanthrene	240
Pyrene	220

SB021	
3/12/2018	0-2'
Analyte	Result
Benzo[a]anthracene	2.2
Benzo[a]pyrene	2
Benzo[b]fluoranthene	2.8
Chrysene	0.99

SB0019	
3/12/2018	0-2'
Analyte	Result
Benzo[a]anthracene	24
Benzo[a]pyrene	20
Benzo[b]fluoranthene	25
Benzo[k]fluoranthene	9.7
Chrysene	25
Dibenzo[a,h]anthracene	3.9

SB008	
11/9/2017	0-2'
Analyte	Result
Benzo[a]anthracene	52
Benzo[a]pyrene	49
Benzo[b]fluoranthene	72
Benzo[k]fluoranthene	22
Chrysene	51
Dibenzo[a,h]anthracene	8.4
Fluoranthene	110
Indeno[1,2,3-cd]pyrene	28

SB005	
11/9/2017	0-2'
Analyte	Result
Benzo[a]anthracene	1.4
Benzo[a]pyrene	1.3
Benzo[b]fluoranthene	1.9
Chrysene	1.4
Indeno[1,2,3-cd]pyrene	0.76

Notes
Lot numbers are shown within the boundary of each lot.
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Results highlighted in yellow denotes concentrations exceeding NYSDEC Restricted Use SCO.
Results highlighted in grey denotes concentrations exceeding NYSDEC Unrestricted Use SCO.

Sample Location (approximate)
- Soil Boring
- Site Boundary

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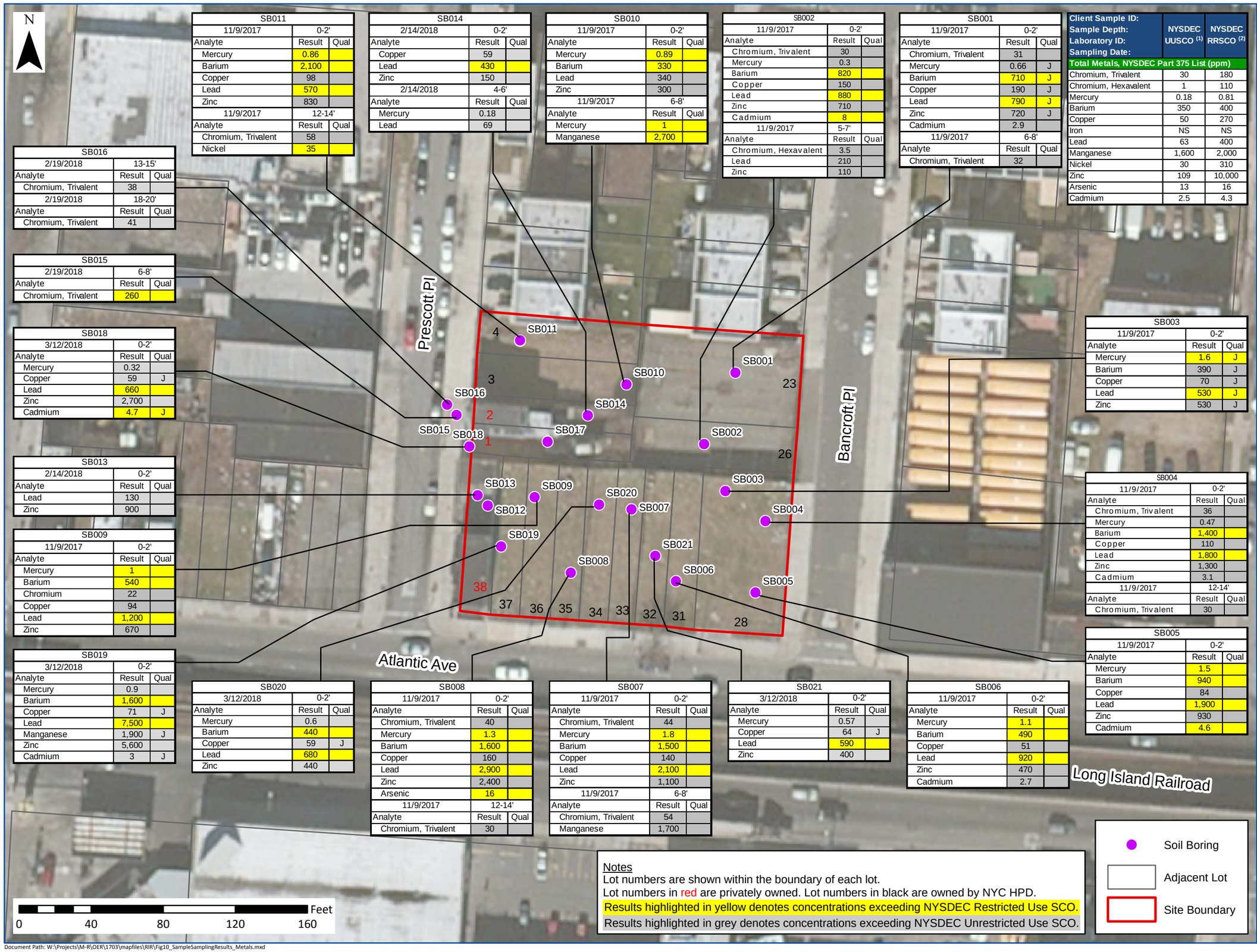
SOIL SAMPLING RESULTS - SVOC EXCEEDANCES

19 Prescott Place
Brooklyn, NY

FIGURE NO:
9

Document Path: W:\Projects\M-R\OER\1703\mapfiles\RIR\FIG09_Soil_SVOCs.mxd



SB011		
11/9/2017	0-2'	
Analyte	Result	Qual
Mercury	0.86	
Barium	2,100	
Copper	98	
Lead	570	
Zinc	830	
11/9/2017	12-14'	
Analyte	Result	Qual
Chromium, Trivalent	58	
Nickel	35	

SB014		
2/14/2018	0-2'	
Analyte	Result	Qual
Copper	59	
Lead	430	
Zinc	150	
2/14/2018	4-6'	
Analyte	Result	Qual
Mercury	0.18	
Lead	69	

SB010		
11/9/2017	0-2'	
Analyte	Result	Qual
Mercury	0.89	
Barium	330	
Lead	340	
Zinc	300	
11/9/2017	6-8'	
Analyte	Result	Qual
Mercury	1	
Manganese	2,700	

SB002		
11/9/2017	0-2'	
Analyte	Result	Qual
Chromium, Trivalent	30	
Mercury	0.3	
Barium	820	
Copper	150	
Lead	880	
Zinc	710	
Cadmium	8	
11/9/2017	5-7'	
Analyte	Result	Qual
Chromium, Hexavalent	3.5	
Lead	210	
Zinc	110	

SB001		
11/9/2017	0-2'	
Analyte	Result	Qual
Chromium, Trivalent	31	
Mercury	0.66	J
Barium	710	J
Copper	190	J
Lead	790	J
Zinc	720	J
Cadmium	2.9	
11/9/2017	6-8'	
Analyte	Result	Qual
Chromium, Trivalent	32	

Client Sample ID: / Sample Depth: / Laboratory ID: / Sampling Date:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)
Total Metals, NYSDEC Part 375 List (ppm)		
Chromium, Trivalent	30	180
Chromium, Hexavalent	1	110
Mercury	0.18	0.81
Barium	350	400
Copper	50	270
Iron	NS	NS
Lead	63	400
Manganese	1,600	2,000
Nickel	30	310
Zinc	109	10,000
Arsenic	13	16
Cadmium	2.5	4.3

SB016		
2/19/2018	13-15'	
Analyte	Result	Qual
Chromium, Trivalent	38	
2/19/2018	18-20'	
Analyte	Result	Qual
Chromium, Trivalent	41	

SB015		
2/19/2018	6-8'	
Analyte	Result	Qual
Chromium, Trivalent	260	

SB018		
3/12/2018	0-2'	
Analyte	Result	Qual
Mercury	0.32	
Copper	59	J
Lead	660	
Zinc	2,700	
Cadmium	4.7	J

SB013		
2/14/2018	0-2'	
Analyte	Result	Qual
Lead	130	
Zinc	900	

SB009		
11/9/2017	0-2'	
Analyte	Result	Qual
Mercury	1	
Barium	540	
Chromium	22	
Copper	94	
Lead	1,200	
Zinc	670	

SB019		
3/12/2018	0-2'	
Analyte	Result	Qual
Mercury	0.9	
Barium	1,600	
Copper	71	J
Lead	7,500	
Manganese	1,900	J
Zinc	5,600	
Cadmium	3	J

SB020		
3/12/2018	0-2'	
Analyte	Result	Qual
Mercury	0.6	
Barium	440	
Copper	59	J
Lead	680	
Zinc	440	

SB008		
11/9/2017	0-2'	
Analyte	Result	Qual
Chromium, Trivalent	40	
Mercury	1.3	
Barium	1,600	
Copper	160	
Lead	2,900	
Zinc	2,400	
Arsenic	16	
11/9/2017	12-14'	
Analyte	Result	Qual
Chromium, Trivalent	30	

SB007		
11/9/2017	0-2'	
Analyte	Result	Qual
Chromium, Trivalent	44	
Mercury	1.8	
Barium	1,500	
Copper	140	
Lead	2,100	
Zinc	1,100	
11/9/2017	6-8'	
Analyte	Result	Qual
Chromium, Trivalent	54	
Manganese	1,700	

SB021		
3/12/2018	0-2'	
Analyte	Result	Qual
Mercury	0.57	
Copper	64	J
Lead	590	
Zinc	400	

SB006		
11/9/2017	0-2'	
Analyte	Result	Qual
Mercury	1.1	
Barium	490	
Copper	51	
Lead	920	
Zinc	470	
Cadmium	2.7	

SB003		
11/9/2017	0-2'	
Analyte	Result	Qual
Mercury	1.6	J
Barium	390	J
Copper	70	J
Lead	530	J
Zinc	530	J

SB004		
11/9/2017	0-2'	
Analyte	Result	Qual
Chromium, Trivalent	36	
Mercury	0.47	
Barium	1,400	
Copper	110	
Lead	1,800	
Zinc	1,300	
Cadmium	3.1	
11/9/2017	12-14'	
Analyte	Result	Qual
Chromium, Trivalent	30	

SB005		
11/9/2017	0-2'	
Analyte	Result	Qual
Mercury	1.5	
Barium	940	
Copper	84	
Lead	1,900	
Zinc	930	
Cadmium	4.6	

Notes
Lot numbers are shown within the boundary of each lot.
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Results highlighted in yellow denotes concentrations exceeding NYSDEC Restricted Use SCO.
Results highlighted in grey denotes concentrations exceeding NYSDEC Unrestricted Use SCO.

Soil Boring
Adjacent Lot
Site Boundary

Document Path: W:\Projects\M-R\OER\1703\mapfiles\RIR\Fig10_SampleSamplingResults_Metals.mxd

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REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

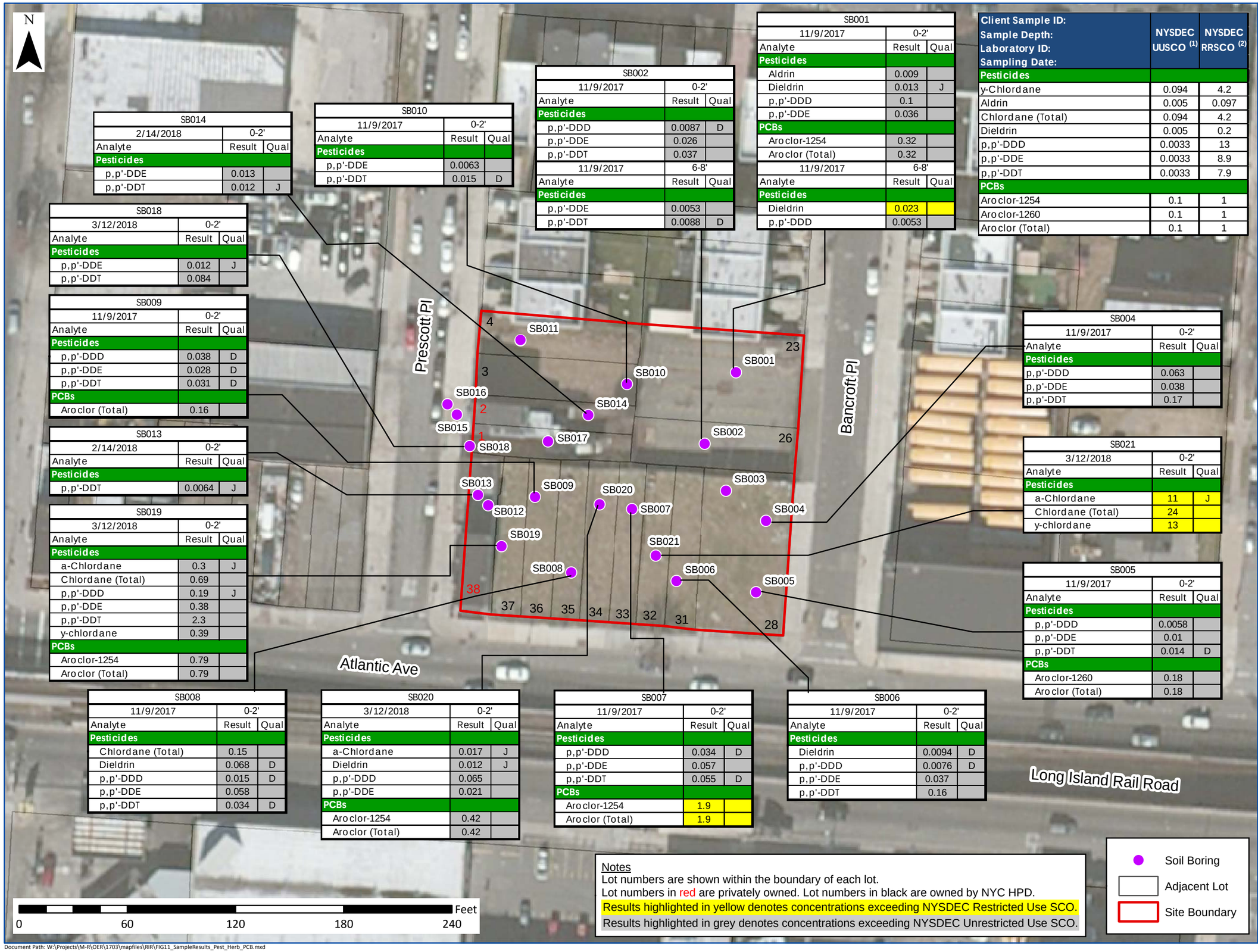
Project:		Designed by:	RK
Date:	4/27/2018	Drawn by:	TS
Scale:	AS SHOWN	Approved by:	RK

SOIL SAMPLING RESULTS - METAL EXCEEDANCES

19 Prescott Place
Brooklyn, NY

FIGURE NO:

10



SB014		
2/14/2018	0-2'	
Analyte	Result	Qual
Pesticides		
p,p'-DDE	0.013	
p,p'-DDT	0.012	J

SB010		
11/9/2017	0-2'	
Analyte	Result	Qual
Pesticides		
p,p'-DDE	0.0063	
p,p'-DDT	0.015	D

SB002		
11/9/2017	0-2'	
Analyte	Result	Qual
Pesticides		
p,p'-DDD	0.0087	D
p,p'-DDE	0.026	
p,p'-DDT	0.037	
11/9/2017	6-8'	
Analyte	Result	Qual
Pesticides		
p,p'-DDE	0.0053	
p,p'-DDT	0.0088	D

SB001		
11/9/2017	0-2'	
Analyte	Result	Qual
Pesticides		
Aldrin	0.009	
Dieldrin	0.013	J
p,p'-DDD	0.1	
p,p'-DDE	0.036	
PCBs		
Aroclor-1254	0.32	
Aroclor (Total)	0.32	
11/9/2017	6-8'	
Analyte	Result	Qual
Pesticides		
Dieldrin	0.023	
p,p'-DDD	0.0053	

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)
Pesticides		
y-Chlordane	0.094	4.2
Aldrin	0.005	0.097
Chlordane (Total)	0.094	4.2
Dieldrin	0.005	0.2
p,p'-DDD	0.0033	13
p,p'-DDE	0.0033	8.9
p,p'-DDT	0.0033	7.9
PCBs		
Aroclor-1254	0.1	1
Aroclor-1260	0.1	1
Aroclor (Total)	0.1	1

SB018		
3/12/2018	0-2'	
Analyte	Result	Qual
Pesticides		
p,p'-DDE	0.012	J
p,p'-DDT	0.084	

SB009		
11/9/2017	0-2'	
Analyte	Result	Qual
Pesticides		
p,p'-DDD	0.038	D
p,p'-DDE	0.028	D
p,p'-DDT	0.031	D
PCBs		
Aroclor (Total)	0.16	

SB004		
11/9/2017	0-2'	
Analyte	Result	Qual
Pesticides		
p,p'-DDD	0.063	
p,p'-DDE	0.038	
p,p'-DDT	0.17	

SB013		
2/14/2018	0-2'	
Analyte	Result	Qual
Pesticides		
p,p'-DDT	0.0064	J

SB021		
3/12/2018	0-2'	
Analyte	Result	Qual
Pesticides		
a-Chlordane	11	J
Chlordane (Total)	24	
y-chlordane	13	

SB019		
3/12/2018	0-2'	
Analyte	Result	Qual
Pesticides		
a-Chlordane	0.3	J
Chlordane (Total)	0.69	
p,p'-DDD	0.19	J
p,p'-DDE	0.38	
p,p'-DDT	2.3	
y-chlordane	0.39	
PCBs		
Aroclor-1254	0.79	
Aroclor (Total)	0.79	

SB005		
11/9/2017	0-2'	
Analyte	Result	Qual
Pesticides		
p,p'-DDD	0.0058	
p,p'-DDE	0.01	
p,p'-DDT	0.014	D
PCBs		
Aroclor-1260	0.18	
Aroclor (Total)	0.18	

SB008		
11/9/2017	0-2'	
Analyte	Result	Qual
Pesticides		
Chlordane (Total)	0.15	
Dieldrin	0.068	D
p,p'-DDD	0.015	D
p,p'-DDE	0.058	
p,p'-DDT	0.034	D

SB020		
3/12/2018	0-2'	
Analyte	Result	Qual
Pesticides		
a-Chlordane	0.017	J
Dieldrin	0.012	J
p,p'-DDD	0.065	
p,p'-DDE	0.021	
PCBs		
Aroclor-1254	0.42	
Aroclor (Total)	0.42	

SB007		
11/9/2017	0-2'	
Analyte	Result	Qual
Pesticides		
p,p'-DDD	0.034	D
p,p'-DDE	0.057	
p,p'-DDT	0.055	D
PCBs		
Aroclor-1254	1.9	
Aroclor (Total)	1.9	

SB006		
11/9/2017	0-2'	
Analyte	Result	Qual
Pesticides		
Dieldrin	0.0094	D
p,p'-DDD	0.0076	D
p,p'-DDE	0.037	
p,p'-DDT	0.16	

Notes
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Results highlighted in yellow denotes concentrations exceeding NYSDEC Restricted Use SCO.
Results highlighted in grey denotes concentrations exceeding NYSDEC Unrestricted Use SCO.

Soil Boring
Adjacent Lot
Site Boundary

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REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	OER1703	Designed by:	RK
Date:	4/27/2018	Drawn by:	TS
Scale:	AS SHOWN	Approved by:	RK

SOIL SAMPLING RESULTS - PESTICIDE, HERBICIDE, AND PCB EXCEEDANCES

19 Prescott Place
Brooklyn, NY

FIGURE NO:

11

Document Path: W:\Projects\M-R\OER\1703\mapfiles\RIR\FIG11_SampleResults_Pest_Herb_PCB.mxd

Client Sample ID	MW001			
Sampling Date:	12/6/2017			
Laboratory ID:	AD01573-001		AD01573-008	
	Total		Dissolved	
Metals by 6010 & 7470 (ug/L)				
Sodium	170000		170000	

Client Sample ID	MW002			
Sampling Date:	12/6/2017			
Laboratory ID:	AD01573-002		AD01573-009	
	Total		Dissolved	
Metals by 6010 & 7470 (ug/L)				
Iron	310		300	ND
Manganese	570		540	
Sodium	110000		110000	

Client Sample ID	MW003			
Sampling Date:	12/13/2017			
Laboratory ID:	AD01714-001		AD01714-002	
	Total		Dissolved	
Metals by 6010 & 7470 (ug/L)				
Sodium	180000		180000	

Client Sample ID	MW004			
Sampling Date:	12/13/2017			
Laboratory ID:	AD01714-003		AD01714-004	
	Total		Dissolved	
Metals by 6010 & 7470 (ug/L)				
Sodium	170000		170000	

Notes
Groundwater elevation was measured on 2/19/18 and is shown adjacent to monitoring wells.
Lot numbers are shown within the boundary of each lot.
Lot numbers in red are privately owned. Lot numbers in black are owned by NYC HPD.
Results highlighted in yellow denotes concentrations exceeding NYSDEC Restricted Use SCO.
Results highlighted in grey denotes concentrations exceeding NYSDEC Unrestricted Use SCO.

Monitoring Well
Adjacent Lot
Site Boundary

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Date:	4/25/2018	Drawn by:	TS
Scale:	AS SHOWN	Approved by:	RK

GROUNDWATER EXCEEDANCES

19 Prescott Place
Brooklyn, NY

FIGURE NO:

12

Document Path: W:\Projects\M-R\OER\1703\mapfiles\RIR\FIG12_GW_Exceedances.mxd

Client Sample ID:	SV003	
Sample Depth (bgs):	5'	
Sampling Date:	12/6/2017	
VOCs by USEPA Method TO-15 in µg/m³		
2,2,4-Trimethylpentane	1.12	
2-Butanone (Methyl ethyl ketone)	37.46	
Acetone (2-propanone)	1819.60	
Benzene	0.77	
Carbon disulfide	3.43	
Chloroform	11.23	
Chloromethane (Methyl chloride)	0.95	
Dichlorodifluoromethane	2.23	
Ethanol	124.93	
Ethyl Acetate	1.22	
Methylene chloride	2.40	
n-Heptane	0.70	J
n-Hexane	1.48	
Propylene	92.76	
Tertiary butyl alcohol (TBA)	9.40	
Tetrachloroethene (PCE)	8.14	
Toluene	2.37	
Trichloroethene (TCE)	0.54	
Trichlorofluoromethane (Freon 11)	1.63	
Xylenes (m&p)	1.43	
Xylenes (o)	0.48	J
Xylenes (total)	1.91	

Client Sample ID:	SV006	
Sample Depth (bgs):	5'	
Sampling Date:	12/6/2017	
VOCs by USEPA Method TO-15 in µg/m³		
1,2,4-Trimethylbenzene	155.35	
1,3,5-Trimethylbenzene	47.20	
2,2,4-Trimethylpentane	602.53	
2-Butanone (Methyl ethyl ketone)	29.49	
4-Ethyltoluene (p-Ethyltoluene)	57.03	
Acetone (2-propanone)	914.55	
Carbon disulfide	5.61	
Cyclohexane	74.35	
Ethanol	47.48	
Ethylbenzene	289.72	
Methylene chloride	4.52	
n-Heptane	308.18	
n-Hexane	141.68	
Tetrachloroethene (PCE)	7.46	
Toluene	738.63	
Trichloroethene (TCE)	1.24	
Xylenes (m&p)	1064.17	
Xylenes (o)	337.93	
Xylenes (total)	1402.97	

Client Sample ID:	SV004	
Sample Depth (bgs):	5'	
Sampling Date:	12/6/2017	
VOCs by USEPA Method TO-15 in µg/m³		
2,2,4-Trimethylpentane	20.08	
2-Butanone (Methyl ethyl ketone)	25.07	
4-Methyl-2-pentanone (MIBK)	2.17	J
Acetone (2-propanone)	2173.55	
Benzene	2.52	
Carbon disulfide	1.93	J
Chloromethane (Methyl chloride)	3.10	
Ethanol	216.69	
Ethyl Acetate	2.05	J
Ethylbenzene	1.43	J
Methylene chloride	14.24	
n-Heptane	2.25	J
n-Hexane	6.70	
Propylene	1008.34	
Tertiary butyl alcohol (TBA)	6.67	
Tetrachloroethene (PCE)	1.70	
Toluene	7.54	
Trichloroethene (TCE)	2.63	
Trichlorofluoromethane (Freon 11)	1.57	J
Vinyl Acetate	6.33	
Xylenes (m&p)	3.87	
Xylenes (o)	1.43	J
Xylenes (total)	5.21	

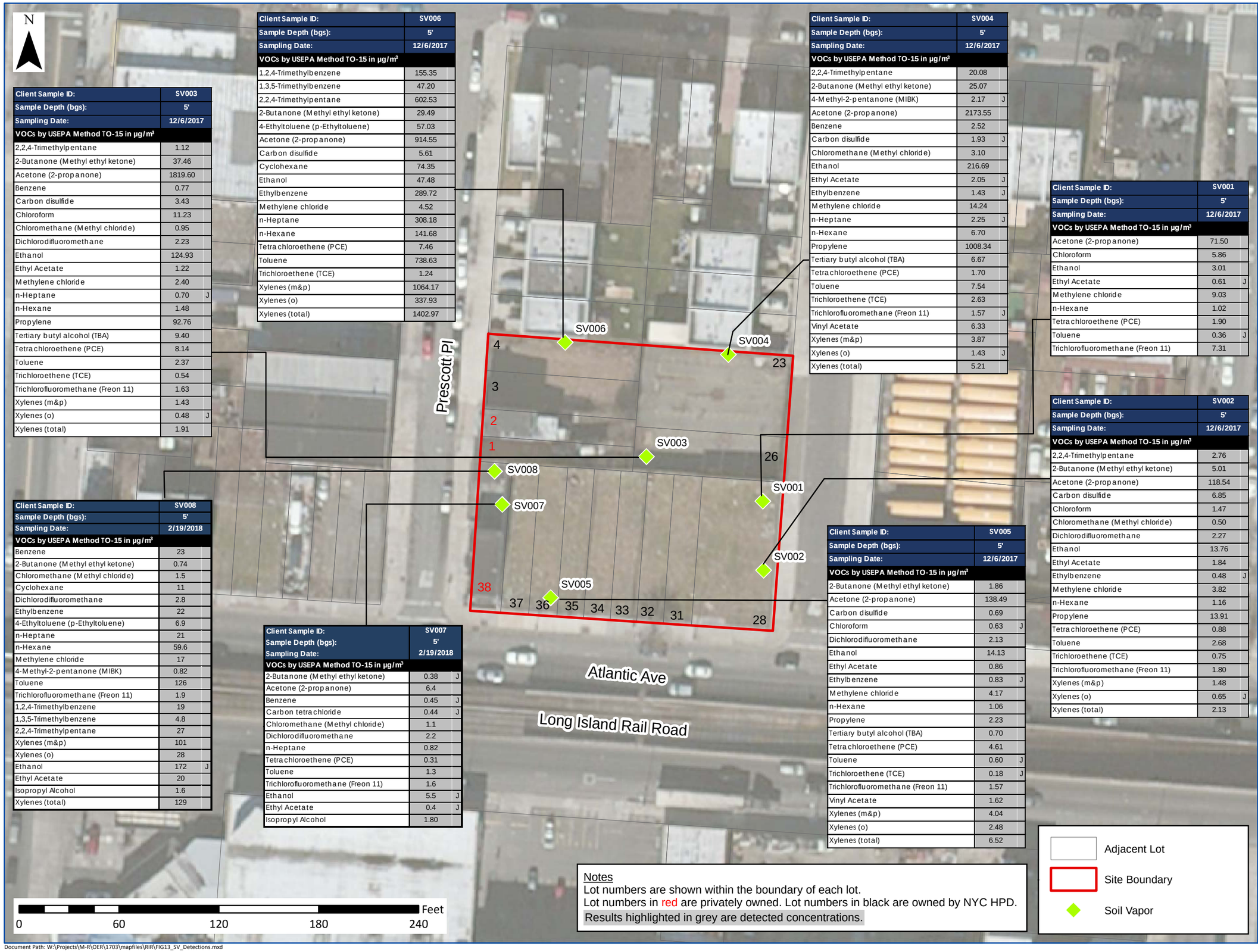
Client Sample ID:	SV001	
Sample Depth (bgs):	5'	
Sampling Date:	12/6/2017	
VOCs by USEPA Method TO-15 in µg/m³		
Acetone (2-propanone)	71.50	
Chloroform	5.86	
Ethanol	3.01	
Ethyl Acetate	0.61	J
Methylene chloride	9.03	
n-Hexane	1.02	
Tetrachloroethene (PCE)	1.90	
Toluene	0.36	J
Trichlorofluoromethane (Freon 11)	7.31	

Client Sample ID:	SV008	
Sample Depth (bgs):	5'	
Sampling Date:	2/19/2018	
VOCs by USEPA Method TO-15 in µg/m³		
Benzene	23	
2-Butanone (Methyl ethyl ketone)	0.74	
Chloromethane (Methyl chloride)	1.5	
Cyclohexane	11	
Dichlorodifluoromethane	2.8	
Ethylbenzene	22	
4-Ethyltoluene (p-Ethyltoluene)	6.9	
n-Heptane	21	
n-Hexane	59.6	
Methylene chloride	17	
4-Methyl-2-pentanone (MIBK)	0.82	
Toluene	126	
Trichlorofluoromethane (Freon 11)	1.9	
1,2,4-Trimethylbenzene	19	
1,3,5-Trimethylbenzene	4.8	
2,2,4-Trimethylpentane	27	
Xylenes (m&p)	101	
Xylenes (o)	28	
Ethanol	172	J
Ethyl Acetate	20	
Isopropyl Alcohol	1.6	
Xylenes (total)	129	

Client Sample ID:	SV007	
Sample Depth (bgs):	5'	
Sampling Date:	2/19/2018	
VOCs by USEPA Method TO-15 in µg/m³		
2-Butanone (Methyl ethyl ketone)	0.38	J
Acetone (2-propanone)	6.4	
Benzene	0.45	J
Carbon tetrachloride	0.44	J
Chloromethane (Methyl chloride)	1.1	
Dichlorodifluoromethane	2.2	
n-Heptane	0.82	
Tetrachloroethene (PCE)	0.31	
Toluene	1.3	
Trichlorofluoromethane (Freon 11)	1.6	
Ethanol	5.5	J
Ethyl Acetate	0.4	J
Isopropyl Alcohol	1.80	

Client Sample ID:	SV005	
Sample Depth (bgs):	5'	
Sampling Date:	12/6/2017	
VOCs by USEPA Method TO-15 in µg/m³		
2-Butanone (Methyl ethyl ketone)	1.86	
Acetone (2-propanone)	138.49	
Carbon disulfide	0.69	
Chloroform	0.63	J
Dichlorodifluoromethane	2.13	
Ethanol	14.13	
Ethyl Acetate	0.86	
Ethylbenzene	0.83	J
Methylene chloride	4.17	
n-Hexane	1.06	
Propylene	2.23	
Tertiary butyl alcohol (TBA)	0.70	
Tetrachloroethene (PCE)	4.61	
Toluene	0.60	J
Trichloroethene (TCE)	0.18	J
Trichlorofluoromethane (Freon 11)	1.57	
Vinyl Acetate	1.62	
Xylenes (m&p)	4.04	
Xylenes (o)	2.48	
Xylenes (total)	6.52	

Client Sample ID:	SV002	
Sample Depth (bgs):	5'	
Sampling Date:	12/6/2017	
VOCs by USEPA Method TO-15 in µg/m³		
2,2,4-Trimethylpentane	2.76	
2-Butanone (Methyl ethyl ketone)	5.01	
Acetone (2-propanone)	118.54	
Carbon disulfide	6.85	
Chloroform	1.47	
Chloromethane (Methyl chloride)	0.50	
Dichlorodifluoromethane	2.27	
Ethanol	13.76	
Ethyl Acetate	1.84	
Ethylbenzene	0.48	J
Methylene chloride	3.82	
n-Hexane	1.16	
Propylene	13.91	
Tetrachloroethene (PCE)	0.88	
Toluene	2.68	
Trichloroethene (TCE)	0.75	
Trichlorofluoromethane (Freon 11)	1.80	
Xylenes (m&p)	1.48	
Xylenes (o)	0.65	J
Xylenes (total)	2.13	



Notes
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Results highlighted in grey are detected concentrations.

Adjacent Lot
Site Boundary
Soil Vapor

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Date:	4/27/2018	Drawn by:	TS
Scale:	AS SHOWN	Approved by:	RK

SOIL VAPOR DETECTIONS

19 Prescott Place
Brooklyn, NY

FIGURE NO:

13

Document Path: W:\Projects\M-R\OER\1703\mapfiles\RIR\FIG13_SV_Detections.mxd

TABLES

Table 1
Groundwater Elevation Data
19 Prescott Place
Brooklyn, NY

Well ID	Northing	Easting	Casing Elevation (ft)	Depth to Water 2018-01-29 (bgs)	Groundwater Elevation 2018-01-29	Depth to Water 2018-02-01 (bgs)	Groundwater Elevation 2018-02-01	Depth to Water 2018-02-19 (bgs)	Groundwater Elevation 2018-02-19
MW001	186101.3367	1006229.438	76.99	67.33	9.66	67.43	9.56	67.62	9.37
MW002	186088.2336	1006368.081	79.95	70.41	9.54	70.57	9.38	70.73	9.22
MW003	186008.1287	1006362.81	81.79	72.25	9.54	72.35	9.44	72.53	9.26
MW004	185970.1211	1006280.98	80.67	71.14	9.53	71.22	9.45	71.40	9.27

Notes:

All measurements are in feet (ft).

BGS - Below ground surface

Reference elevation is based upon an arbitrary datum

Casing elevation is from the top of North side of the casing

Table 2
Soil Sampling Results
Volatile Organic Compounds

19 Prescott Place
Brooklyn, NY

Client Sample ID:	NYSDEC UUSCO [1]	NYSDEC RRSCO [2]	NYSDEC CP-51 [3]	SB001 0-2'	SB001 6-8'	SB002 0-2'	SB002 5-7'	SB003 0-2'	SB003 6-8'	SB003 12-14'	SB004 0-2'	SB004 12-14'	SB005 0-2'
Sample Depth:				0-2'	6-8'	0-2'	5-7'	0-2'	6-8'	12-14'	0-2'	12-14'	0-2'
Laboratory ID:				AD01080-008	AD01080-009	AD01080-010	AD01080-011	AD01080-001	AD01080-002	AD01080-003	AD01080-004	AD01080-005	AD01080-006
Sampling Date:				11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017
Volatile Organic Compounds, NYSDEC Part 375 List (mg/kg)													
1,1,1-Trichloroethane	NS	100	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,1,2-Trichloroethane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,1-Dichloroethane	0.27	26	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,1-Dichloroethene	0.33	100	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
1,2-Dibromo-3-chloropropane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,2-Dibromoethane	NS	NS	NS	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
1,2-Dichlorobenzene	1.1	100	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,2-Dichloroethane	0.02	3.1	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,2-Dichloropropane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
1,3-Dichlorobenzene	2.4	49	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,4-Dichlorobenzene	1.8	13	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
1,4-Dioxane	0.1	13	NS	0.19 U	0.11 U	0.16 U	0.13 U	0.16 U	0.16 U	0.14 U	0.13 U	0.17 U	0.15 U
2-Butanone	0.12	100	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
2-Hexanone	NS	NA	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
4-Methyl-2-pentanone	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Acetone	0.05	100	NS	0.17	0.011 U	0.016 U	0.013 U	0.016 U	0.016 U	0.014 U	0.013 U	0.017 U	0.015 U
Benzene	0.06	4.8	0.06	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
Bromochloromethane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Bromodichloromethane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Bromoform	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Bromomethane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Carbon disulfide	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Carbon tetrachloride	0.76	2.4	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Chlorobenzene	1.1	100	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Chloroethane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Chloroform	0.37	49	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Chloromethane	NS	NA	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
cis-1,2-Dichloroethene	0.25	100	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
cis-1,3-Dichloropropene	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Cyclohexane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Dibromochloromethane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Dichlorodifluoromethane	NS	NS	NS	0.0037 UJ	0.0022 U	0.0032 U	0.0026 U	0.0031 UJ	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Ethylbenzene	1	41	1	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
Isopropylbenzene	2.3	NS	2.3	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
m&p-Xylenes	0.26	100	0.26	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
Methyl Acetate	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Methylcyclohexane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Methylene chloride	0.05	100	NS	0.0037 U	0.0027	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0035	0.0027 U	0.0043	0.003 U
Methyl-t-butyl ether	0.93	100	0.93	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
n-Butylbenzene	12	100	12	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
n-Propylbenzene	3.9	100	3.9	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
o-Xylene	0.26	100	0.26	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
sec-Butylbenzene	11	100	11	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
Styrene	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
t-Butylbenzene	5.9	100	5.9	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
Tetrachloroethene	1.3	19	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Toluene	0.7	100	0.7	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U
Trans-1,2-dichloroethene	0.19	100	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
trans-1,3-Dichloropropene	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Trichloroethene	0.47	21	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Trichlorofluoromethane	NS	NS	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Vinyl chloride	0.02	0.9	NS	0.0037 U	0.0022 U	0.0032 U	0.0026 U	0.0031 U	0.0031 U	0.0029 U	0.0027 U	0.0033 U	0.003 U
Xylenes (Total)	0.26	100	0.26	0.0019 U	0.0011 U	0.0016 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0013 U	0.0017 U	0.0015 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
(3) NYSDEC Final Commisioner Policy, CP-51 ,Tables 2 & 3; Soil Cleanup Levels for Gasoline/Fuel Oil Contaminated Soils.
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
UJ=
NS= analyte has no standard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 2
Soil Sampling Results
Volatile Organic Compounds

19 Prescott Place
Brooklyn, NY

Client Sample ID:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)	NYSDEC CP-51 (3)	DUP001	SB005 6-8'	SB006 0-2'	SB006 5-7'	SB007 0-2'	SB007 6-8'	SB008 0-2'	SB008 12-14'	SB009 0-2'	SB009 12-14'	SB010 0-2'
Sample Depth:				0-2'	6-8'	0-2'	5-7'	0-2'	6-8'	0-2'	12-14'	0-2'	12-14'	0-2'
Laboratory ID:				AD01080-007	AD01080-019	AD01080-014	AD01080-015	AD01210-001	AD01210-002	AD01210-003	AD01210-004	AD01210-005	AD01210-006	AD01210-007
Sampling Date:				11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/16/2017	11/16/2017	11/16/2017	11/16/2017	11/16/2017	11/16/2017	11/16/2017
Volatile Organic Compounds, NYSDEC Part 375 List (mg/kg)														
1,1,1-Trichloroethane	NS	100	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,1,2-Trichloroethane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,1-Dichloroethane	0.27	26	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,1-Dichloroethene	0.33	100	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
1,2-Dibromo-3-chloropropane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,2-Dibromoethane	NS	NS	NS	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
1,2-Dichlorobenzene	1.1	100	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,2-Dichloroethane	0.02	3.1	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,2-Dichloropropane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
1,3-Dichlorobenzene	2.4	49	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,4-Dichlorobenzene	1.8	13	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
1,4-Dioxane	0.1	13	NS	0.16 U	0.12 U	0.21 U	0.18 U	0.14 U	0.13 U	0.29 U	0.1 U	0.14 U	0.11 U	0.15 U
2-Butanone	0.12	100	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
2-Hexanone	NS	NA	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
4-Methyl-2-pentanone	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Acetone	0.05	100	NS	0.016 U	0.012 U	0.021 U	0.018 U	0.014 U	0.013 U	0.029 U	0.01 U	0.014 U	0.011 U	0.015 U
Benzene	0.06	4.8	0.06	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
Bromochloromethane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Bromodichloromethane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Bromoform	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Bromomethane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Carbon disulfide	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Carbon tetrachloride	0.76	2.4	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Chlorobenzene	1.1	100	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Chloroethane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Chloroform	0.37	49	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Chloromethane	NS	NA	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
cis-1,2-Dichloroethene	0.25	100	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
cis-1,3-Dichloropropene	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Cyclohexane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Dibromochloromethane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Dichlorodifluoromethane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Ethylbenzene	1	41	1	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
Isopropylbenzene	2.3	NS	2.3	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
m&p-Xylenes	0.26	100	0.26	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
Methyl Acetate	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Methylcyclohexane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Methylene chloride	0.05	100	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.003	0.0029 U
Methyl-t-butyl ether	0.93	100	0.93	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
n-Butylbenzene	12	100	12	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
n-Propylbenzene	3.9	100	3.9	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
o-Xylene	0.26	100	0.26	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
sec-Butylbenzene	11	100	11	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
Styrene	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
t-Butylbenzene	5.9	100	5.9	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
Tetrachloroethene	1.3	19	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Toluene	0.7	100	0.7	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U
Trans-1,2-dichloroethene	0.19	100	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
trans-1,3-Dichloropropene	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Trichloroethene	0.47	21	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Trichlorofluoromethane	NS	NS	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Vinyl chloride	0.02	0.9	NS	0.0031 U	0.0023 U	0.0042 U	0.0037 U	0.0027 U	0.0026 U	0.0057 U	0.0021 U	0.0028 U	0.0021 U	0.0029 U
Xylenes (Total)	0.26	100	0.26	0.0016 U	0.0012 U	0.0021 U	0.0018 U	0.0014 U	0.0013 U	0.0029 U	0.001 U	0.0014 U	0.0011 U	0.0015 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
(3) NYSDEC Final Commisioner Policy, CP-51 ,Tables 2 & 3; Soil Cleanup Levels for Gasoline/Fuel Oil Contaminated Soils.
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level iUicated

NS= analyte has no staUard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 2
Soil Sampling Results
Volatile Organic Compounds

19 Prescott Place
Brooklyn, NY

Client Sample ID:				SB010 6-8'		SB011 0-2'		SB011 12-14'		SB012		SB012		SB013		SB013		DUP001		SB014		SB014		SB015	
Sample Depth:	NYSDEC UUSCO [1]	NYSDEC RRSCO [2]	NYSDEC CP-51 [3]	6-8'		0-2'		12-14'		0-2'		2-4'		0-2'		4-6'				0-2'		4-6'		6-8'	
Laboratory ID:				AD01210-008		AD01210-009		AD01210-010		AD02620-001		AD02620-002		AD02620-003		AD02620-004		AD02620-006		AD02620-007		AD02620-008		AD02718-001	
Sampling Date:				11/16/2017		11/16/2017		11/16/2017		2/14/2018		2/14/2018		2/14/2018		2/14/2018		2/14/2018		2/14/2018		2/14/2018		2/19/2018	
Volatile Organic Compounds, NYSDEC Part 375 List (mg/kg)																									
1,1,1-Trichloroethane	NS	100	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	UJ
1,1,2-Trichloroethane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
1,1-Dichloroethane	0.27	26	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
1,1-Dichloroethene	0.33	100	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	UJ
1,2,3-Trichlorobenzene	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
1,2-Dibromo-3-chloropropane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	UJ	0.0019	UJ	0.0025	UJ	0.002	UJ	0.0029	UJ	0.0024	UJ	0.0023	UJ	0.0021	U
1,2-Dibromoethane	NS	NS	NS	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.00083	U
1,2-Dichlorobenzene	1.1	100	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
1,2-Dichloroethane	0.02	3.1	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
1,2-Dichloropropane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
1,3-Dichlorobenzene	2.4	49	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
1,4-Dichlorobenzene	1.8	13	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
1,4-Dioxane	0.1	13	NS	0.14	U	0.15	U	0.12	U	0.11	UJ	0.097	UJ	0.13	UJ	0.098	UJ	0.15	UJ	0.12	UJ	0.11	UJ	0.11	UJ
2-Butanone	0.12	100	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0074	
2-Hexanone	NS	NA	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	UJ
4-Methyl-2-pentanone	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Acetone	0.05	100	NS	0.014	U	0.015	U	0.012	U	0.011	U	0.0097	U	0.013	U	0.0098	U	0.015	U	0.012	U	0.011	U	0.024	J
Benzene	0.06	4.8	0.06	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
Bromochloromethane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Bromodichloromethane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	UJ
Bromoform	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Bromomethane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	UJ
Carbon disulfide	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	UJ
Carbon tetrachloride	0.76	2.4	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Chlorobenzene	1.1	100	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0011	U
Chloroethane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Chloroform	0.37	49	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Chloromethane	NS	NA	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
cis-1,2-Dichloroethene	0.25	100	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
cis-1,3-Dichloropropene	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Cyclohexane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Dibromochloromethane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Dichlorodifluoromethane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	UJ	0.0019	UJ	0.0025	UJ	0.002	UJ	0.0029	UJ	0.0024	UJ	0.0023	UJ	0.0021	UJ
Ethylbenzene	1	41	1	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
Isopropylbenzene	2.3	NS	2.3	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
m&p-Xylenes	0.26	100	0.26	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
Methyl Acetate	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	UJ
Methylcyclohexane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Methylene chloride	0.05	100	NS	0.0028	U	0.0076		0.0027		0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	UJ
Methyl-t-butyl ether	0.93	100	0.93	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
n-Butylbenzene	12	100	12	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	UJ
n-Propylbenzene	3.9	100	3.9	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
o-Xylene	0.26	100	0.26	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
sec-Butylbenzene	11	100	11	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
Styrene	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
t-Butylbenzene	5.9	100	5.9	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
Tetrachloroethene	1.3	19	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Toluene	0.7	100	0.7	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U
Trans-1,2-dichloroethene	0.19	100	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
trans-1,3-Dichloropropene	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Trichloroethene	0.47	21	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	U
Trichlorofluoromethane	NS	NS	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	UJ
Vinyl chloride	0.02	0.9	NS	0.0028	U	0.003	U	0.0023	U	0.0022	U	0.0019	U	0.0025	U	0.002	U	0.0029	U	0.0024	U	0.0023	U	0.0021	UJ
Xylenes (Total)	0.26	100	0.26	0.0014	U	0.0015	U	0.0012	U	0.0011	U	0.00097	U	0.0013	U	0.00098	U	0.0015	U	0.0012	U	0.0011	U	0.0011	U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
(3) NYSDEC Final Commisioner Policy, CP-51 ,Tables 2 & 3; Soil Cleanup Levels for Gasoline/Fuel Oil Contaminated Soils.
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level iUicated

NS= analyte has no staUard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 2
Soil Sampling Results
Volatile Organic Compounds

19 Prescott Place
Brooklyn, NY

Client Sample ID:				SB015		SB016		SB016		SB017		SB017		SB018		SB019		SB020		SB021	
Sample Depth:	NYSDEC UUSCO [1]	NYSDEC RRSCO [2]	NYSDEC CP-51 [3]	18-20'		13-15'		18-20'		8-10'		12-14'		0-2'		0-2'		0-2'		0-2'	
Laboratory ID:				AD02718-002		AD02718-005		AD02718-006		AD02718-006		AD02718-008		AD03020-001		AD03020-004		AD03020-005		AD03020-006	
Sampling Date:				2/19/2018		2/19/2018		2/19/2018		2/19/2018		2/19/2018		3/12/2018		3/12/2018		3/12/2018		3/12/2018	
Volatile Organic Compounds, NYSDEC Part 375 List (mg/kg)																					
1,1,1-Trichloroethane	NS	100	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	0.002	UJ	0.0018	UJ	0.0018	UJ	0.0019	UJ	0.0019	UJ	0.0024	UJ	0.0031	U	0.0027	U	0.0026	U
1,1,2-Trichloroethane	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
1,1-Dichloroethane	0.27	26	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
1,1-Dichloroethene	0.33	100	NS	0.002	UJ	0.0018	UJ	0.0018	UJ	0.0019	UJ	0.0019	UJ	0.0024	U	0.0031	U	0.0027	U	0.0026	U
1,2,3-Trichlorobenzene	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
1,2,4-Trichlorobenzene	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	U	0.0016	U	0.0014	U	0.0013	U
1,2-Dibromo-3-chloropropane	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	UJ	0.0031	U	0.0027	U	0.0026	U
1,2-Dibromoethane	NS	NS	NS	0.00077	U	0.00069	U	0.0007	U	0.00072	U	0.00076	U	0.0012	U	0.0016	U	0.0014	U	0.0013	U
1,2-Dichlorobenzene	1.1	100	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
1,2-Dichloroethane	0.02	3.1	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
1,2-Dichloropropane	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	U	0.0016	UJ	0.0014	UJ	0.0013	UJ
1,3-Dichlorobenzene	2.4	49	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	UJ	0.0027	UJ	0.0026	UJ
1,4-Dichlorobenzene	1.8	13	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	UJ	0.0027	UJ	0.0026	UJ
1,4-Dioxane	0.1	13	NS	0.098	UJ	0.088	UJ	0.09	UJ	0.093	UJ	0.097	UJ	0.12	UJ	0.16	UJ	0.14	UJ	0.13	UJ
2-Butanone	0.12	100	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
2-Hexanone	NS	NA	NS	0.002	UJ	0.0018	UJ	0.0018	UJ	0.0019	UJ	0.0019	UJ	0.0024	U	0.0031	U	0.0027	U	0.0026	U
4-Methyl-2-pentanone	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Acetone	0.05	100	NS	0.0098	UJ	0.0088	UJ	0.009	UJ	0.0093	UJ	0.0097	UJ	0.012	U	0.016	U	0.014	U	0.013	U
Benzene	0.06	4.8	0.06	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	U	0.0016	U	0.0014	U	0.0013	U
Bromochloromethane	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	UJ	0.0031	U	0.0027	U	0.0026	U
Bromodichloromethane	NS	NS	NS	0.002	UJ	0.0018	UJ	0.0018	UJ	0.0019	UJ	0.0019	UJ	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Bromoform	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	UJ	0.0031	UJ	0.0027	UJ	0.0026	UJ
Bromomethane	NS	NS	NS	0.002	UJ	0.0018	UJ	0.0018	UJ	0.0019	UJ	0.0019	UJ	0.0024	U	0.0031	UJ	0.0027	UJ	0.0026	UJ
Carbon disulfide	NS	NS	NS	0.002	UJ	0.0018	UJ	0.0018	UJ	0.0019	UJ	0.0019	UJ	0.0024	UJ	0.0031	U	0.0027	U	0.0026	U
Carbon tetrachloride	0.76	2.4	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Chlorobenzene	1.1	100	NS	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Chloroethane	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Chloroform	0.37	49	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Chloromethane	NS	NA	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
cis-1,2-Dichloroethene	0.25	100	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	UJ	0.0031	U	0.0027	U	0.0026	U
cis-1,3-Dichloropropene	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	UJ	0.0031	U	0.0027	U	0.0026	U
Cyclohexane	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Dibromochloromethane	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Dichlorodifluoromethane	NS	NS	NS	0.002	UJ	0.0018	UJ	0.0018	UJ	0.0019	UJ	0.0019	UJ	0.0024	U	0.0031	UJ	0.0027	UJ	0.0026	UJ
Ethylbenzene	1	41	1	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	UJ	0.0016	UJ	0.0014	UJ	0.0013	UJ
Isopropylbenzene	2.3	NS	2.3	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	U	0.0016	U	0.0014	U	0.0013	U
m&p-Xylenes	0.26	100	0.26	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	UJ	0.0016	UJ	0.0014	UJ	0.0013	UJ
Methyl Acetate	NS	NS	NS	0.002	UJ	0.0018	UJ	0.0018	UJ	0.0019	UJ	0.0019	UJ	0.0024	UJ	0.0031	U	0.0027	U	0.0026	U
Methylcyclohexane	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Methylene chloride	0.05	100	NS	0.002	UJ	0.0018	UJ	0.0018	UJ	0.0019	UJ	0.0019	UJ	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Methyl-t-butyl ether	0.93	100	0.93	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	U	0.0016	U	0.0014	U	0.0013	U
n-Butylbenzene	12	100	12	0.00098	UJ	0.00088	UJ	0.0009	UJ	0.00093	UJ	0.00097	UJ	0.0012	U	0.0016	U	0.0014	U	0.0013	U
n-Propylbenzene	3.9	100	3.9	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	U	0.0016	U	0.0014	U	0.0013	U
o-Xylene	0.26	100	0.26	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	UJ	0.0016	UJ	0.0014	UJ	0.0013	UJ
sec-Butylbenzene	11	100	11	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	U	0.0016	U	0.0014	U	0.0013	U
Styrene	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
t-Butylbenzene	5.9	100	5.9	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	U	0.0016	U	0.0014	U	0.0013	U
Tetrachloroethene	1.3	19	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	UJ	0.0031	U	0.0027	U	0.0026	U
Toluene	0.7	100	0.7	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	U	0.0016	U	0.0014	U	0.0013	U
Trans-1,2-dichloroethene	0.19	100	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
trans-1,3-Dichloropropene	NS	NS	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Trichloroethene	0.47	21	NS	0.002	U	0.0018	U	0.0018	U	0.0019	U	0.0019	U	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Trichlorofluoromethane	NS	NS	NS	0.002	UJ	0.0018	UJ	0.0018	UJ	0.0019	UJ	0.0019	UJ	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Vinyl chloride	0.02	0.9	NS	0.002	UJ	0.0018	UJ	0.0018	UJ	0.0019	UJ	0.0019	UJ	0.0024	U	0.0031	U	0.0027	U	0.0026	U
Xylenes (Total)	0.26	100	0.26	0.00098	U	0.00088	U	0.0009	U	0.00093	U	0.00097	U	0.0012	U	0.0016	U	0.0014	U	0.0013	U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
(3) NYSDEC Final Commisioner Policy, CP-51 ,Tables 2 & 3; Soil Cleanup Levels for Gasoline/Fuel Oil Contaminated Soils.
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level iUicated

NS= analyte has no staUard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 3
Soil Sampling Results
Semi-Volatile Organic Compounds

19 Prescott Place
Brooklyn, NY

Client Sample ID:	NYSDEC	NYSDEC	NYSDEC CP-51 [3]	SB001 0-2'	SB001 6-8'	SB002 0-2'	SB002 5-7'	SB003 0-2'	SB003 6-8'	SB003 12-14'	SB004 0-2'	SB004 12-14'	SB005 0-2'
Sample Depth:	UUSCO [1]	RRSCO [2]		0-2'	6-8'	0-2'	5-7'	0-2'	6-8'	12-14'	0-2'	12-14'	0-2'
Laboratory ID:				AD01080-008	AD01080-009	AD01080-010	AD01080-011	AD01080-001	AD01080-002	AD01080-003	AD01080-004	AD01080-005	AD01080-006
Sampling Date:				11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/9/2017
Semi-Volatile Organic Compounds, NYSDEC Part 375 List (mg/kg)													
1,1'-Biphenyl	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
2,4,5-Trichlorophenol	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
2,4,6-Trichlorophenol	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
2,4-Dichlorophenol	NS	NS	NS	0.049 U	0.027 U	0.044 U	0.0092 U	0.048 U	0.0092 U	0.0093 U	0.2 U	0.0093 U	0.046 U
2,4-Dimethylphenol	NS	NS	NS	0.049 U	0.027 U	0.044 U	0.0092 U	0.048 U	0.0092 U	0.0093 U	0.2 U	0.0093 U	0.046 U
2,4-Dinitrophenol	NS	NS	NS	0.98 UJ	0.55 U	0.89 U	0.18 U	0.96 UJ	0.18 U	0.19 U	3.9 U	0.19 U	0.93 U
2,4-Dinitrotoluene	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
2,6-Dinitrotoluene	NS	NS	NS	0.20 U	0.11 U	0.18 U	0.04 U	0.19 U	0.04 U	0.04 U	0.78 U	0.04 U	0.19 U
2-Chloronaphthalene	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
2-Chlorophenol	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
2-Methylnaphthalene	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
2-Methylphenol	0.33	100	NS	0.049 U	0.027 U	0.044 U	0.0092 U	0.048 U	0.0092 U	0.0093 U	0.2 U	0.0093 U	0.046 U
2-Nitroaniline	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
2-Nitrophenol	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
3&4-Methylphenol	0.33	100	NS	0.049 U	0.027 U	0.044 U	0.0092 U	0.048 U	0.0092 U	0.0093 U	0.2 U	0.0093 U	0.046 U
3,3'-Dichlorobenzidine	NS	NS	NS	0.20 UJ	0.11 U	0.18 U	0.04 U	0.19 UJ	0.04 U	0.04 U	0.78 U	0.04 U	0.19 U
3-Nitroaniline	NS	NS	NS	0.2 UJ	0.11 U	0.18 U	0.037 U	0.19 UJ	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
4,6-Dinitro-2-methylphenol	NS	NS	NS	0.98 UJ	0.55 U	0.89 U	0.18 U	0.96 UJ	0.18 U	0.19 U	3.9 U	0.19 U	0.93 U
4-Bromophenyl-phenylether	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
4-Chloro-3-methylphenol	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
4-Chloroaniline	NS	NS	NS	0.049 U	0.027 U	0.044 U	0.0092 U	0.048 U	0.0092 U	0.0093 U	0.2 U	0.0093 U	0.046 U
4-Chlorophenyl-phenylether	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
4-Nitroaniline	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
4-Nitrophenol	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Acenaphthene	20	100	20	0.3	0.11 U	0.22	0.037 U	0.5	0.037 U	0.037 U	1.5	0.037 U	0.19 U
Acenaphthylene	100	100	100	0.38	0.11 U	0.24	0.037 U	0.28	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Acetophenone	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Anthracene	100	100	100	0.66	0.11 U	0.52	0.037 U	1.2	0.037 U	0.037 U	4.4	0.037 U	0.33
Atrazine	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Benzaldehyde	NS	NS	NS	0.2 UJ	0.11 U	0.18 U	0.037 U	0.19 UJ	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Benzo[a]anthracene	1	1	1	2.6	0.17	2.3	0.18	3.7	0.037 U	0.037 U	11	0.037 U	1.4
Benzo[a]pyrene	1	1	1	2.1	0.13	2.1	0.16	3.1	0.037 U	0.037 U	8.7	0.037 U	1.3
Benzo[b]fluoranthene	1	1	1	2.8	0.19	2.9	0.22	4.2	0.037 U	0.037 U	12	0.037 U	1.9
Benzo[g,h,i]perylene	100	100	100	1.2	0.11 U	1.3	0.11	2	0.037 U	0.037 U	4.8	0.037 U	0.92
Benzo[k]fluoranthene	0.8	3.9	0.8	0.9	0.11 U	0.94	0.072	1.6	0.037 U	0.037 U	4	0.037 U	0.54
bis(2-Chloroethoxy)methane	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
bis(2-Chloroethyl)ether	NS	NS	NS	0.049 U	0.027 U	0.044 U	0.0092 U	0.048 U	0.0092 U	0.0093 U	0.2 U	0.0093 U	0.046 U
bis(2-Chloroisopropyl)ether	NS	NS	NS	0.2 UJ	0.11 U	0.18 U	0.037 U	0.19 UJ	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
bis(2-Ethylhexyl)phthalate	NS	NS	NS	0.41	0.11 U	3.3	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Butylbenzylphthalate	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.24
Caprolactam	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Carbazole	NS	NS	NS	0.29	0.11 U	0.32	0.037 U	0.55	0.037 U	0.037 U	2.6	0.037 U	0.21
Chrysene	1	3.9	1	3	0.19	2.2	0.18	3.5	0.037 U	0.037 U	10	0.037 U	1.4
Dibenzo[a,h]anthracene	0.33	0.33	0.33	0.35	0.11 U	0.35	0.037 U	0.57	0.037 U	0.037 U	1.3	0.037 U	0.22
Dibenzofuran	7	59	NS	0.19	0.027 U	0.12	0.0092 U	0.38	0.0092 U	0.0093 U	1.1	0.0093 U	0.083
Diethylphthalate	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Dimethylphthalate	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Di-n-butylphthalate	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.0092 U	0.0093 U	0.78 U	0.0093 U	0.53
Di-n-octylphthalate	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Fluoranthene	100	100	100	5.1	0.3	5.1	0.32	8.5	0.037 U	0.037 U	29	0.037 U	2.8
Fluorene	30	100	30	0.66	0.11 U	0.24	0.037 U	0.57	0.037 U	0.037 U	1.7	0.037 U	0.19 U
Hexachlorobenzene	0.33	1.2	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Hexachlorobutadiene	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Hexachlorocyclopentadiene	NS	NS	NS	0.2 UJ	0.11 U	0.18 U	0.037 U	0.19 UJ	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Hexachloroethane	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Ideno[1,2,3-cd]pyrene	0.5	0.5	0.5	1	0.11 U	1.2	0.099	1.8	0.037 U	0.037 U	4.4	0.037 U	0.76
Isophorone	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Naphthalene	12	100	12	0.24	0.027 U	0.076	0.0092 U	0.3	0.0092 U	0.0093 U	0.75	0.0093 U	0.076
Nitrobenzene	NS	15	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
N-Nitroso-di-n-propylamine	NS	NS	NS	0.049 UJ	0.027 U	0.044 U	0.0092 U	0.048 UJ	0.0092 U	0.0093 U	0.2 U	0.0093 U	0.046 U
N-Nitrosodiphenylamine	NS	NS	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Pentachlorophenol	0.8	6.7	NS	0.98 UJ	0.55 U	0.89 U	0.18 U	0.96 UJ	0.18 U	0.19 U	3.9 U	0.19 U	0.93 U
Phenanthrene	100	100	100	4.4	0.23	3.1	0.17	6.7	0.037 U	0.037 U	25	0.037 U	1.8
Phenol	0.33	100	NS	0.2 U	0.11 U	0.18 U	0.037 U	0.19 U	0.037 U	0.037 U	0.78 U	0.037 U	0.19 U
Pyrene	100	100	100	6	0.34	4.1	0.29	7	0.037 U	0.037 U	24	0.037 U	2.6

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
(3) NYSDEC Final Commisioner Policy, CP-51 ,Tables 2 & 3; Soil Cleanup Levels for Gasoline/Fuel Oil Contaminated Soils.
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NS= analyte has no standard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 3
Soil Sampling Results
Semi-Volatile Organic Compounds

19 Prescott Place
Brooklyn, NY

Client Sample ID:	NYSDEC	NYSDEC	DUP001	SB005 6-8'	SB006 0-2'	SB006 5-7'	SB007 0-2'	SB007 6-8'	SB008 0-2'	SB008 12-14'	SB009 0-2'	SB009 12-14'
Sample Depth:	UUSCO [1]	RRSCO [2]	0-2'	6-8'	0-2'	5-7'	0-2'	6-8'	0-2'	12-14'	0-2'	12-14'
Laboratory ID:			AD01080-007	AD01080-019	AD01080-014	AD01080-015	AD01210-001	AD01210-002	AD01210-003	AD01210-004	AD01210-005	AD01210-006
Sampling Date:			11/9/2017	11/9/2017	11/9/2017	11/9/2017	11/16/2017	11/16/2017	11/16/2017	11/16/2017	11/16/2017	11/16/2017
Semi-Volatile Organic Compounds, NYSDEC Part 375 List (mg/kg)												
1,1'-Biphenyl	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
1,2,4,5-Tetrachlorobenzene	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
2,4,5-Trichlorophenol	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
2,4,6-Trichlorophenol	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
2,4-Dichlorophenol	NS	NS	0.047 U	0.0091 U	0.028 U	0.0091 U	0.75 U	0.0093 U	0.64 U	0.0093 U	0.098 U	0.0094 U
2,4-Dimethylphenol	NS	NS	0.047 U	0.0091 U	0.028 U	0.0091 U	0.75 U	0.0093 U	0.64 U	0.0093 U	0.098 U	0.0094 U
2,4-Dinitrophenol	NS	NS	0.94 U	0.18 U	0.56 U	0.18 U	15 U	0.19 U	13 U	0.19 U	2 U	0.19 U
2,4-Dinitrotoluene	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
2,6-Dinitrotoluene	NS	NS	0.19 U	0.04 U	0.11 U	0.04 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
2-Chloronaphthalene	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
2-Chlorophenol	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
2-Methylnaphthalene	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	9	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
2-Methylphenol	0.33	100	0.047 U	0.0091 U	0.028 U	0.0091 U	0.75 U	0.0093 U	0.64 U	0.0093 U	0.098 U	0.0094 U
2-Nitroaniline	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
2-Nitrophenol	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
3&4-Methylphenol	0.33	100	0.047 U	0.0091 U	0.028 U	0.0091 U	0.75 U	0.0093 U	0.64 U	0.0093 U	0.098 U	0.0094 U
3,3'-Dichlorobenzidine	NS	NS	0.19 U	0.04 U	0.11 U	0.04 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
3-Nitroaniline	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
4,6-Dinitro-2-methylphenol	NS	NS	0.94 U	0.18 U	0.56 U	0.18 U	15 U	0.19 U	13 U	0.19 U	2 U	0.19 U
4-Bromophenyl-phenylether	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
4-Chloro-3-methylphenol	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
4-Chloroaniline	NS	NS	0.047 U	0.0091 U	0.028 U	0.0091 U	0.75 U	0.0093 U	0.64 U	0.0093 U	0.098 U	0.0094 U
4-Chlorophenyl-phenylether	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
4-Nitroaniline	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
4-Nitrophenol	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Acenaphthene	20	100	0.19 U	0.036 U	0.11 U	0.036 U	25	0.084	5	0.037 U	1	0.037 U
Acenaphthylene	100	100	0.19 U	0.036 U	0.11 U	0.036 U	8	0.037 U	4.4	0.037 U	0.6	0.037 U
Acetophenone	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Anthracene	100	100	0.42	0.036 U	0.11 U	0.036 U	50	0.18	15	0.037 U	2.5	0.037 U
Atrazine	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Benzaldehyde	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Benzo[a]anthracene	1	1	1.7	0.036 U	0.35	0.036 U	100	0.32	52	0.037 U	8.9	0.037 U
Benzo[a]pyrene	1	1	1.5	0.036 U	0.31	0.036 U	84	0.27	49	0.037 U	6.8	0.037 U
Benzo[b]fluoranthene	1	1	2.2	0.036 U	0.44	0.036 U	110	0.33	72	0.037 U	9.4	0.037 U
Benzo[g,h,i]perylene	100	100	1	0.036 U	0.27	0.036 U	51	0.18	28	0.037 U	4.2	0.037 U
Benzo[k]fluoranthene	0.8	3.9	0.66	0.036 U	0.14	0.036 U	37	0.13	22	0.037 U	2.7	0.037 U
bis(2-Chloroethoxy)methane	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
bis(2-Chloroethyl)ether	NS	NS	0.047 U	0.0091 U	0.028 U	0.0091 U	0.75 U	0.0093 U	0.64 U	0.0093 U	0.098 U	0.0094 U
bis(2-Chloroisopropyl)ether	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
bis(2-Ethylhexyl)phthalate	NS	NS	0.19 U	0.036 U	1.3	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Butylbenzylphthalate	NS	NS	0.39	0.036 U	0.2	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Caprolactam	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Carbazole	NS	NS	0.26	0.036 U	0.11 U	0.036 U	19	0.067	6.4	0.037 U	0.96	0.037 U
Chrysene	1	3.9	1.7	0.036 U	0.35	0.036 U	110	0.31	51	0.037 U	9.1	0.037 U
Dibenzo[a,h]anthracene	0.33	0.33	0.25	0.036 U	0.11 U	0.036 U	16	0.049	8.4	0.037 U	1.3	0.037 U
Dibenzofuran	7	59	0.11	0.0091 U	0.028 U	0.0091 U	16	0.057	3.2	0.0093 U	0.46	0.0094 U
Diethylphthalate	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Dimethylphthalate	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Di-n-butylphthalate	NS	NS	0.21	0.0091 U	0.11 U	0.0091 U	0.75 U	0.0093 U	0.64 U	0.0093 U	0.098 U	0.0094 U
Di-n-octylphthalate	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Fluoranthene	100	100	3.2	0.036 U	0.65	0.051	240	0.67	110	0.037 U	17	0.037 U
Fluorene	30	100	0.19 U	0.036 U	0.11 U	0.036 U	29	0.1	6.1	0.037 U	1.1	0.037 U
Hexachlorobenzene	0.33	1.2	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Hexachlorobutadiene	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Hexachlorocyclopentadiene	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Hexachloroethane	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Ideno[1,2,3-cd]pyrene	0.5	0.5	0.88	0.036 U	0.18	0.036 U	45	0.16	28	0.037 U	3.8	0.037 U
Isophorone	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Naphthalene	12	100	0.079	0.0091 U	0.028 U	0.0091 U	14	0.036	1.8	0.0093 U	0.15	0.0094 U
Nitrobenzene	NS	15	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
N-Nitroso-di-n-propylamine	NS	NS	0.047 U	0.0091 U	0.028 U	0.0091 U	0.75 U	0.0093 U	0.64 U	0.0093 U	0.098 U	0.0094 U
N-Nitrosodiphenylamine	NS	NS	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Pentachlorophenol	0.8	6.7	0.94 U	0.18 U	0.56 U	0.18 U	15 U	0.19 U	13 U	0.19 U	2 U	0.19 U
Phenanthrene	100	100	2.1	0.036 U	0.43	0.036 U	240	0.8	65	0.037 U	13	0.037 U
Phenol	0.33	100	0.19 U	0.036 U	0.11 U	0.036 U	3 U	0.037 U	2.5 U	0.037 U	0.39 U	0.037 U
Pyrene	100	100	2.9	0.036 U	0.61	0.055	220	0.72	91	0.037 U	17	0.037 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
(3) NYSDEC Final Commisioner Policy, CP-51 ,Tables 2 & 3; Soil Cleanup Levels for Gasoline/Fuel Oil Contaminated Soils.
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NS= analyte has no standard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 3
Soil Sampling Results
Semi-Volatile Organic Compounds

19 Prescott Place
Brooklyn, NY

Client Sample ID:			SB010 0-2'		SB010 6-8'		SB011 0-2'		SB011 12-14'		SB012		SB012		SB013		SB013		DUP001		SB014	
Sample Depth:	NYSDEC UUSCO [1]	NYSDEC RRSCO [2]	0-2'		6-8'		0-2'		12-14'		0-2'		2-4'		0-2'		4-6'				0-2'	
Laboratory ID:			AD01210-007		AD01210-008		AD01210-009		AD01210-010		AD02620-001		AD02620-002		AD02620-003		AD02620-004		AD02620-006		AD02620-007	
Sampling Date:			11/16/2017		11/16/2017		11/16/2017		11/16/2017		2/14/2018		2/14/2018		2/14/2018		2/14/2018		2/14/2018		2/14/2018	
Semi-Volatile Organic Compounds, NYSDEC Part 375 List (mg/kg)																						
1,1'-Biphenyl	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
2,3,4,6-Tetrachlorophenol	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
2,4,5-Trichlorophenol	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
2,4,6-Trichlorophenol	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
2,4-Dichlorophenol	NS	NS	0.096	U	0.0091	U	0.48	U	0.0094	U	0.0097	UJ	0.0095	U	0.0099	U	0.0094	U	0.031	U	0.01	U
2,4-Dimethylphenol	NS	NS	0.096	U	0.0091	U	0.48	U	0.0094	U	0.0097	U	0.0095	U	0.0099	U	0.0094	U	0.031	U	0.01	U
2,4-Dinitrophenol	NS	NS	1.9	U	0.18	U	9.6	U	0.19	U	0.19	UJ	0.19	UJ	0.2	UJ	0.19	UJ	0.62	UJ	0.2	UJ
2,4-Dinitrotoluene	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
2,6-Dinitrotoluene	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.04	U	0.04	U	0.04	U	0.04	U	0.12	U	0.04	U
2-Chloronaphthalene	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	UJ	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
2-Chlorophenol	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	UJ	0.037	U	0.12	U	0.04	U
2-Methylnaphthalene	NS	NS	0.38	U	0.068		1.9	U	0.037	U	0.039	UJ	0.038	UJ	0.094		0.037	U	0.12	U	0.04	U
2-Methylphenol	0.33	100	0.096	U	0.0091	U	0.48	U	0.0094	U	0.0097	U	0.0095	U	0.0099	U	0.0094	U	0.031	U	0.01	U
2-Nitroaniline	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
2-Nitrophenol	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	UJ	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
3&4-Methylphenol	0.33	100	0.096	U	0.011		0.48	U	0.0094	U	0.0097	U	0.0095	U	0.01		0.0094	U	0.031	U	0.01	U
3,3'-Dichlorobenzidine	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.04	U	0.04	U	0.04	U	0.04	U	0.12	U	0.04	U
3-Nitroaniline	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	UJ	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
4,6-Dinitro-2-methylphenol	NS	NS	1.9	U	0.18	U	9.6	U	0.19	U	0.19	UJ	0.19	U	0.2	U	0.19	U	0.62	U	0.2	U
4-Bromophenyl-phenylether	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
4-Chloro-3-methylphenol	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
4-Chloroaniline	NS	NS	0.096	U	0.0091	U	0.48	U	0.0094	U	0.0097	U	0.0095	U	0.0099	U	0.0094	U	0.031	U	0.01	U
4-Chlorophenyl-phenylether	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	UJ	0.04	U
4-Nitroaniline	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
4-Nitrophenol	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Acenaphthene	20	100	1.2		0.21		6.5		0.037	U	0.039	U	0.038	U	0.28		0.037	U	0.73		0.099	
Acenaphthylene	100	100	0.5		0.1		2.8		0.037	U	0.039	U	0.038	U	0.052		0.037	U	0.12	U	0.073	
Acetophenone	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Anthracene	100	100	2.6		0.42		17		0.037	U	0.039	U	0.038	U	0.7		0.037	U	1		0.21	J
Atrazine	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Benzaldehyde	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	UJ	0.04	U
Benzo[a]anthracene	1	1	7.6		1.2		56		0.037	U	0.087		0.038	U	1.9		0.037	U	2.4		0.8	
Benzo[a]pyrene	1	1	6.2		0.98		59		0.037	U	0.081		0.038	U	1.4		0.037	U	2.2		0.81	
Benzo[b]fluoranthene	1	1	8.2		1.3		75		0.037	U	0.1		0.038	U	1.9		0.037	U	3.1		1.2	
Benzo[g,h,i]perylene	100	100	3.8		0.64		39		0.037	U	0.06		0.038	U	0.83		0.037	U	1.3		0.54	
Benzo[k]fluoranthene	0.8	3.9	2.1		0.43		23		0.037	U	0.039	U	0.038	U	0.65		0.037	U	0.89		0.33	
bis(2-Chloroethoxy)methane	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
bis(2-Chloroethyl)ether	NS	NS	0.096	U	0.0091	U	0.48	U	0.0094	U	0.0097	U	0.0095	U	0.0099	U	0.0094	U	0.031	U	0.01	U
bis(2-Chloroisopropyl)ether	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	UJ	0.038	UJ	0.04	UJ	0.037	UJ	0.12	UJ	0.04	UJ
bis(2-Ethylhexyl)phthalate	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.14		0.037	U	0.12	U	0.11	
Butylbenzylphthalate	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.053		0.037	U	0.12	U	0.04	U
Caprolactam	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Carbazole	NS	NS	0.94		0.25		5.6		0.037	U	0.039	U	0.038	U	0.36		0.037	U	0.55		0.13	
Chrysene	1	3.9	7.4		1.2		55		0.037	U	0.092		0.038	U	2		0.037	U	2.4		0.88	
Dibenzo[a,h]anthracene	0.33	0.33	1.2		0.2		9.7		0.037	U	0.039	U	0.038	U	0.26		0.037	U	0.38		0.14	
Dibenzofuran	7	59	0.58		0.15		4.4		0.0094	U	0.0097	UJ	0.0095	U	0.17		0.0094	UJ	0.32		0.051	
Diethylphthalate	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Dimethylphthalate	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Di-n-butylphthalate	NS	NS	0.096	U	0.0091	U	0.48	U	0.0094	U	0.0097	U	0.0095	U	0.064		0.0094	U	0.031	U	0.01	U
Di-n-octylphthalate	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Fluoranthene	100	100	13		2.2		120		0.037	U	0.19	J	0.038	U	3.7		0.037	U	6		1.9	
Fluorene	30	100	1.2		0.22		6.3		0.037	U	0.039	U	0.038	U	0.29		0.037	U	0.54		0.085	
Hexachlorobenzene	0.33	1.2	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Hexachlorobutadiene	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Hexachlorocyclopentadiene	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	u	0.04	U
Hexachloroethane	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
IUeno[1,2,3-cd]pyrene	0.5	0.5	3.6		0.6		34		0.037	U	0.046		0.038	U	0.76		0.037	U	1.2		0.49	
Isophorone	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Naphthalene	12	100	0.69		0.14		3.7		0.0094	U	0.0097	U	0.0095	U	0.14		0.0094	U	0.17		0.04	
Nitrobenzene	NS	15	0.38	U	0.036	U	1.9	U	0.037	U	0.039	UJ	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
N-Nitroso-di-n-propylamine	NS	NS	0.096	U	0.0091	U	0.48	U	0.0094	U	0.0097	U	0.0095	U	0.0099	U	0.0094	U	0.031	U	0.01	U
N-Nitrosodiphenylamine	NS	NS	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Pentachlorophenol	0.8	6.7	1.9	U	0.18	U	9.6	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.62	U	0.2	U
Phenanthrene	100	100	12		2.1		79		0.037	U	0.12	J	0.038	U	3.5		0.037	U	5.6		1.3	
Phenol	0.33	100	0.38	U	0.036	U	1.9	U	0.037	U	0.039	U	0.038	U	0.04	U	0.037	U	0.12	U	0.04	U
Pyrene	100	100	15		2.4		110		0.037	U	0.17		0.038	U	3.7		0.037	U	5.1		1.7	

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
(3) NYSDEC Final Commisioner Policy, CP-51 ,Tables 2 & 3; Soil Cleanup Levels for Gasoline/Fuel Oil Contaminated Soils.
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NS= analyte has no standard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 3
Soil Sampling Results
Semi-Volatile Organic Compounds

19 Prescott Place
Brooklyn, NY

Client Sample ID:	NYSDEC	NYSDEC	SB014	SB015	SB015	SB016	SB016	SB017	SB017	SB018	SB019	SB020	SB021
Sample Depth:	UUSCO [1]	RRSCO [2]	4-6'	6-8'	18-20'	13-15'	18-20'	8-10'	12-14'	0-2'	0-2'	0-2'	0-2'
Laboratory ID:			AD02620-008	AD02718-001	AD02718-002	AD02718-005	AD02718-006	AD02718-006	AD02718-008	AD03020-001	AD03020-004	AD03020-005	AD03020-006
Sampling Date:			2/14/2018	2/19/2018	2/19/2018	2/19/2018	2/19/2018	2/19/2018	2/19/2018	3/12/2018	3/12/2018	3/12/2018	3/12/2018
Semi-Volatile Organic Compounds, NYSDEC Part 375 List (mg/kg)													
1,1'-Biphenyl	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
1,2,4,5-Tetrachlorobenzene	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
2,4,5-Trichlorophenol	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
2,4,6-Trichlorophenol	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
2,4-Dichlorophenol	NS	NS	0.0094 U	0.01 U	0.0094 U	0.0094 U	0.0098 U	0.0098 U	0.0093 U	0.0099 U	0.21 U	0.052 U	0.029 U
2,4-Dimethylphenol	NS	NS	0.0094 U	0.01 U	0.0094 U	0.0094 U	0.0098 U	0.0098 U	0.0093 U	0.0099 U	0.21 U	0.052 U	0.029 U
2,4-Dinitrophenol	NS	NS	0.19 UJ	0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	4.2 U	1 U	0.59 U
2,4-Dinitrotoluene	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
2,6-Dinitrotoluene	NS	NS	0.04 U	0.04 U	0.04 U	0.04 U	0.039 U	0.04 U	0.04 U	0.04 U	0.83 U	0.21 U	0.12 U
2-Chloronaphthalene	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
2-Chlorophenol	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
2-Methylnaphthalene	NS	NS	0.037 U	0.041 U	0.037 UJ	0.037 U	0.039 U	0.039 U	0.037 U	0.22	1.8	0.23	0.12 U
2-Methylphenol	0.33	100	0.0094 U	0.01 U	0.0094 U	0.0094 U	0.0098 U	0.0098 U	0.0093 U	0.0099 U	0.21 U	0.052 U	0.029 U
2-Nitroaniline	NS	NS	0.037 U	0.041 U	0.037 UJ	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
2-Nitrophenol	NS	NS	0.037 U	0.041 U	0.037 UJ	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
3&4-Methylphenol	0.33	100	0.0094 U	0.01 U	0.0094 UJ	0.0094 U	0.0098 U	0.0098 U	0.0093 U	0.0099 U	0.21 U	0.052 U	0.029 U
3,3'-Dichlorobenzidine	NS	NS	0.04 U	0.04 U	0.04 U	0.04 U	0.039 U	0.04 U	0.04 U	0.04 U	0.83 U	0.21 U	0.12 U
3-Nitroaniline	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
4,6-Dinitro-2-methylphenol	NS	NS	0.19 U	0.2 U	0.19 UJ	0.19 U	0.2 U	0.2 U	0.19 U	0.2 UJ	4.2 U	1 UJ	0.59 U
4-Bromophenyl-phenylether	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
4-Chloro-3-methylphenol	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
4-Chloroaniline	NS	NS	0.0094 U	0.01 U	0.0094 U	0.0094 U	0.0098 U	0.0098 U	0.0093 U	0.0099 U	0.21 U	0.052 U	0.029 U
4-Chlorophenyl-phenylether	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
4-Nitroaniline	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
4-Nitrophenol	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
Acenaphthene	20	100	0.048	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.4	3.8	0.95	0.24
Acenaphthylene	100	100	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.043	1.5	0.66	0.21
Acetophenone	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.12	0.83 U	0.21 U	0.21 U
Anthracene	100	100	0.083	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.78	8.7	2.6	0.6
Atrazine	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
Benzaldehyde	NS	NS	0.037 U	0.041 UJ	0.037 UJ	0.037 UJ	0.039 UJ	0.039 UJ	0.037 UJ	0.04 UJ	0.83 UJ	0.21 UJ	0.12 UJ
Benzo[a]anthracene	1	1	0.32	0.044	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	1.8	24	8.7	2.2
Benzo[a]pyrene	1	1	0.31 J	0.041	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	1.6	20	7.2	2
Benzo[b]fluoranthene	1	1	0.43	0.058	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	2	25	9.8	2.8
Benzo[g,h,i]perylene	100	100	0.18	0.025	0.0094 U	0.0094 U	0.0098 U	0.0098 U	0.0093 U	0.91	12	3.9	1
Benzo[k]fluoranthene	0.8	3.9	0.13	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.74	9.7	3.6	0.99
bis(2-Chloroethoxy)methane	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
bis(2-Chloroethyl)ether	NS	NS	0.0094 U	0.01 U	0.0094 U	0.0094 U	0.0098 U	0.0098 U	0.0093 U	0.0099 U	0.21 U	0.052 U	0.029 U
bis(2-Chloroisopropyl)ether	NS	NS	0.037 UJ	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
bis(2-Ethylhexyl)phthalate	NS	NS	0.037 U	0.041 U	0.037 U	0.044	0.039 U	0.039 U	0.037 U	0.79	23	1.1	0.39
Butylbenzylphthalate	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.24	1.1	0.21 U	1.3
Caprolactam	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.081	0.83 U	0.21 U	0.12 U
Carbazole	NS	NS	0.044	0.041 U	0.037 UJ	0.037 U	0.039 U	0.039 U	0.037 U	0.37	2.9	1.3	0.3
Chrysene	1	3.9	0.33 J	0.045	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	1.7	25	8.9	2.3
Dibenzo[a,h]anthracene	0.33	0.33	0.052	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.26	3.9	1.3	0.33
Dibenzofuran	7	59	0.034	0.01 U	0.0094 U	0.0094 U	0.0098 U	0.0098 U	0.0093 U	0.21	2.4	0.58	0.12
Diethylphthalate	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
Dimethylphthalate	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
Di-n-butylphthalate	NS	NS	0.0094 U	0.01 U	0.0094 U	0.0094 U	0.0098 U	0.0098 U	0.0093 U	0.048	6.4	0.052 U	0.071
Di-n-octylphthalate	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
Fluoranthene	100	100	0.67	0.096	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	3.7	46	17	4.2
Fluorene	30	100	0.04	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.28	4.4	0.93	0.22
Hexachlorobenzene	0.33	1.2	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
Hexachlorobutadiene	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
Hexachlorocyclopentadiene	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 UJ	0.83 UJ	0.21 UJ	0.12 UJ
Hexachloroethane	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
Ideno[1,2,3-cd]pyrene	0.5	0.5	0.17	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.85	11	3.8	1
Isophorone	NS	NS	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
Naphthalene	12	100	0.021	0.01 U	0.0094 U	0.0094 U	0.0098 U	0.0098 U	0.0093 U	0.17	2.1	0.37	0.21
Nitrobenzene	NS	15	0.037	0.041 U	0.037 UJ	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 UJ	0.12 U
N-Nitroso-di-n-propylamine	NS	NS	0.0094	0.01 U	0.0094 U	0.0094 U	0.0098 U	0.0098 U	0.0093 U	0.0099 U	0.21 U	0.052 U	0.029 U
N-Nitrosodiphenylamine	NS	NS	0.037	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
Pentachlorophenol	0.8	6.7	0.19	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.2 U	4.2 UJ	1 U	0.59 UJ
Phenanthrene	100	100	0.43	0.054	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	3.4	43	14	2.9
Phenol	0.33	100	0.037 U	0.041 U	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	0.04 U	0.83 U	0.21 U	0.12 U
Pyrene	100	100	0.62	0.09	0.037 U	0.037 U	0.039 U	0.039 U	0.037 U	3.5	46	16	4.1

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
(3) NYSDEC Final Commisioner Policy, CP-51 ,Tables 2 & 3; Soil Cleanup Levels for Gasoline/Fuel Oil Contaminated Soils.
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NS= analyte has no standard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 4
Soil Sampling Results
Total Metals

19 Prescott Place
Brooklyn, NY

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)	SB001 0-2' 0-2' AD01080-008 11/9/2017		SB001 6-8' 6-8' AD01080-009 11/9/2017		SB002 0-2' 0-2' AD01080-010 11/9/2017		SB002 5-7' 5-7' AD01080-011 11/9/2017		SB003 0-2' 0-2' AD01080-001 11/9/2017		SB003 6-8' 6-8' AD01080-002 11/9/2017		SB003 12-14' 12-14' AD01080-003 11/9/2017		SB004 0-2' 0-2' AD01080-004 11/9/2017	
Total Metals, NYSDEC Part 375 List (mg/kg)																		
Chromium, Trivalent	30	180	31		32		30		19		25		23		18		36	
Chromium, Hexavalent	1	110	1.2	UJ	1.1	U	1.1	U	3.5		1.1	UJ	1.1	U	1.1	U	1.2	U
Cyanide	27	27	0.39	J	0.26	U	0.45		0.26	U	0.31	J	0.26	U	0.27	U	0.59	
Mercury	0.18	0.81	0.66	J	0.092	U	0.3		0.092	U	1.6	J	0.092	U	0	U	0.47	
Aluminum	NS	NS	12,000	J	6,900		11,000		8,500		8,800	J	7,300		5,800		10,000	
Barium	350	400	710	J	97		820		170		390	J	44		32		1,400	
Calcium	NS	NS	88,000	J	5,500		40,000		3,300		3,500	J	1,700		1,800		32,000	
Cobalt	NS	NS	6.6		8.4		8.3		8.1		11		10		9		8	
Copper	50	270	190	J	28		150		29		70	J	24		21		110	
Iron	NS	NS	35,000	J	35,000		37,000		27,000		37,000	J	44,000		35,000		35,000	
Lead	63	400	790	J	59		880		210		530	J	8		9		1,800	
Magnesium	NS	NS	9,100	J	2,900		5,200		3,100		2,400	J	3,100		2,500		10,000	
Manganese	1,600	2,000	840	J	840		360		270		840	J	520		340		600	
Nickel	30	310	23	J	17		27		16		19	J	15		14		26	
Potassium	NS	NS	1,400		1,400		5,000		2,400		1,200		1,400		1,100		1,400	
Sodium	NS	NS	290	U	270	U	280		270	U	290	U	270	U	280	U	290	U
Vanadium	NS	NS	33	J	40		32		31		37	J	39		33		38	
Zinc	109	10,000	720	J	67		710		110		530	J	45		36		1,300	
Antimony	NS	NS	6.3	J	0.88	U	0.85	U	0.88	U	0.92	UJ	0.88	U	0.89	U	3.2	
Arsenic	13	16	7.9	J	2.2		5.		2.2		5.9	J	1.7		1.8		8.6	
Beryllium	7.2	72	0.39	J	0.3		0.21	U	0.25		0.32	J	0.32		0.32		0.31	
Cadmium	2.5	4.3	2.9		0.44	U	8		1.4		1.2		0.44	U	0.44	U	3.1	
Selenium	3.9	180	2.4	UJ	2.2	U	2.9		2.2	U	2.3	UJ	2.2	U	2.2	U	2.4	U
Silver	2	180	0.53		0.22	U	0.93		0.22	U	0.73		0.22	U	0.22	U	0.42	
Thallium	NS	NS	0.47	U	0.44	U	0.43	U	0.44	U	0.46	U	0.44	U	0.44	U	0.47	U

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NS= analyte has no standard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 4
Soil Sampling Results
Total Metals

19 Prescott Place
Brooklyn, NY

Client Sample ID:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)	SB004 12-14'		SB005 0-2'		DUP001		SB005 6-8'		SB006 0-2'		SB006 5-7'		SB007 0-2'		SB007 6-8'	
Sample Depth:			12-14'		0-2'		0-2'		6-8'		0-2'		5-7'		0-2'		6-8'	
Laboratory ID:			AD01080-005		AD01080-006		AD01080-007		AD01080-019		AD01080-014		AD01080-015		AD01210-001		AD01210-002	
Sampling Date:			11/9/2017		11/9/2017		11/9/2017		11/9/2017		11/9/2017		11/9/2017		11/16/2017		11/16/2017	
Total Metals, NYSDEC Part 375 List (mg/kg)																		
Chromium, Trivalent	30	180	30		24		27		21		16		20		44		54	
Chromium, Hexavalent	1	110	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U
Cyanide	27	27	0.27	U	0.54		0.53		0.26	U	0.27	U	0.26	U	0.29	U	0.27	U
Mercury	0.18	0.81	0	U	1.5		1.1		0.091	U	1.1		0.091	U	1.8		0.093	U
Aluminum	NS	NS	7,200		5,900		8,000		7,600		5,000		7,400		13,000		13,000	
Barium	350	400	50		940		1,100		48		490		63		1,500		110	
Calcium	NS	NS	2,300		19,000		30,000		1,100	U	35,000		2,100		71,000		1,800	
Cobalt	NS	NS	11		5		7		8		4		9.4		7.1		15	
Copper	50	270	23		84		110		18		51		24		140		33	
Iron	NS	NS	60,000		26,000		35,000		37,000		19,000		33,000		41,000		76,000	
Lead	63	400	12		1,900		1,400		8		920		29		2,100		16	
Magnesium	NS	NS	3,000		2,300		3,500		2,300		2,800		2,400		7,300		3,300	
Manganese	1,600	2,000	530		330		470		850		290		630		600		1,700	
Nickel	30	310	18		19		29		15		15		15		24		24	
Potassium	NS	NS	1,300		740		900		1,300		560		1,300		1,400		1,300	
Sodium	NS	NS	280	U	280	U	280	U	270	U	280	U	270	U	300	U	280	U
Vanadium	NS	NS	44		36		48		40		20		36		48		72	
Zinc	109	10,000	40		930		1,200		38		470		51		1,100		69	
Antimony	NS	NS	0.89	U	1.6		2.2		0.87	U	1.1		0.87	U	0.96	U	0.89	U
Arsenic	13	16	1.8		9.5		8.5		2.1		6.4		1.9		10		2.5	
Beryllium	7.2	72	0.26		0.36		0.3		0.45		0.27		0.27		0.29		0.45	
Cadmium	2.5	4.3	0.44	U	4.6		3.8		0.43	U	2.7		0.43	U	1.2		0.44	U
Selenium	3.9	180	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	3.7		2.2	U
Silver	2	180	0.22	U	0.71		0.51		0.22	U	0.27		0.22	U	0.26		0.22	U
Thallium	NS	NS	0.44	U	0.44	U	0.45	U	0.43	U	0.45	U	0.43	U	0.48	U	0.44	U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NS= analyte has no standard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 4
Soil Sampling Results
Total Metals

19 Prescott Place
Brooklyn, NY

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)	SB008 0-2' 0-2' AD01210-003 11/16/2017		SB008 12-14' 12-14' AD01210-004 11/16/2017		SB009 0-2' 0-2' AD01210-005 11/16/2017		SB009 12-14' 12-14' AD01210-006 11/16/2017		SB010 0-2' 0-2' AD01210-007 11/16/2017		SB010 6-8' 6-8' AD01210-008 11/16/2017		SB011 0-2' 0-2' AD01210-009 11/16/2017		SB011 12-14' 12-14' AD01210-010 11/16/2017	
Total Metals, NYSDEC Part 375 List (mg/kg)																		
Chromium, Trivalent	30	180	40		30		22		29		17		20		24		58	
Chromium, Hexavalent	1	110	1.7	U	1.1	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Cyanide	27	27	0.41	U	0.27	U	0.28	U	0.27	U	0.28	U	0.26	U	8.4		0.27	U
Mercury	0.18	0.81	1.3		0.093	U	1		0.094	U	0.89		1		0.86		0.094	U
Aluminum	NS	NS	11,000		14,000		4,400		7,700		5,800		6,200		3,800		14,000	
Barium	350	400	1,600		45		540		42		330		75		2,100		85	
Calcium	NS	NS	120,000		4,200		3,000		1,900		22,000		1,800		80,000		1100	U
Cobalt	NS	NS	19		11		4.9		11		5.2		25		2.9	U	19	
Copper	50	270	160		17		94		28		43		26		98		43	
Iron	NS	NS	120,000		30,000		33,000		47,000		21,000		59,000		19,000		73,000	
Lead	63	400	2,900		8.8		1,200		10		340		55		570		15	
Magnesium	NS	NS	8,600		8,000		1,200		3,000		9,200		1,700		30,000		4,500	
Manganese	1,600	2,000	670		560		300		440		330		2,700		310		1,300	
Nickel	30	310	26		23		13		18		13		16		11		35	
Potassium	NS	NS	1,300		4,300		590	U	1,300		770		770		570	U	2,100	
Sodium	NS	NS	420	U	910		290	U	280	U	290	U	270	U	290	U	2,200	
Vanadium	NS	NS	46		45		29		54		27		41		24		92	
Zinc	109	10,000	2,400		48		670		50		300		86		830		82	
Antimony	NS	NS	1.4	U	0.89	U	0.94	U	0.9	U	0.92	U	0.87	U	0.92	U	0.9	U
Arsenic	13	16	16		1.8		7.6		1.1		6.2		1.5		9.3		3.5	
Beryllium	7.2	72	0.34	U	0.39		0.42		0.25		0.4		0.23		0.23	U	0.66	
Cadmium	2.5	4.3	2.5		0.44	U	2.2		0.45	U	0.76		0.43	U	0.96		0.45	U
Selenium	3.9	180	3.4	U	2.2	U	2.4	U	2.2	U	2.3	U	2.2	U	2.3	U	2.2	U
Silver	2	180	0.76		0.22	U	0.55		0.22	U	0.28		0.22	U	0.23	U	0.22	U
Thallium	NS	NS	0.68	U	0.44	U	0.47	U	0.45	U	0.46	U	0.43	U	0.46	U	0.45	U

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
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NS= analyte has no standard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
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Table 4
Soil Sampling Results
Total Metals

19 Prescott Place
Brooklyn, NY

Client Sample ID:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)	SB012		SB012		SB013		SB013		DUP001		SB014		SB014		SB015	
Sample Depth:			0-2'		2-4'		0-2'		4-6'				0-2'		4-6'		6-8'	
Laboratory ID:			AD02620-001		AD02620-002		AD02620-003		AD02620-004		AD02620-006		AD02620-007		AD02620-008		AD02718-001	
Sampling Date:			2/14/2018		2/14/2018		2/14/2018		2/14/2018		2/14/2018		2/14/2018		2/14/2018		2/19/2018	
Total Metals, NYSDEC Part 375 List (mg/kg)																		
Chromium, Trivalent	30	180	24		9.6		13		13		16		13		15		260	
Chromium, Hexavalent	1	110	1.2	U	1.1	U	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1.2	UJ
Cyanide	27	27	0.28	U	0.27	U	0.29	U	0.27	U	0.30	U	0.29	U	0.27	U	0.29	U
Mercury	0.18	0.81	0.097	U	0.095	U	0.12		0.094	U	0.76		0.800		0.18		0.1	U
Aluminum	NS	NS	8,100		3,000		4,900		3,900		5,900		5,200		4,600		13,000	J
Barium	350	400	67		21		77		27		220		190		47		64	J
Calcium	NS	NS	3,700		1,100	U	9,200		1,100	U	1,700		1,600		1,100	U	1,900	
Cobalt	NS	NS	9.0		3.2		6.8		5.8		5		5		5		11	
Copper	50	270	23		9		37		12		58		59		20		26	
Iron	NS	NS	34,000		13,000		17,000		18,000		18,000		16,000		22,000		38,000	J
Lead	63	400	36		9		130		6	U	560		430		69		28	
Magnesium	NS	NS	5,700		1,200		1,800		1,300		1,300		1,300		1,200		2,800	J
Manganese	1,600	2,000	880		240		270		370		280		280		400		390	J
Nickel	30	310	18		7		18		9		10		10		9		23	
Potassium	NS	NS	960		660		850		790		670		730		580		960	
Sodium	NS	NS	350		310		340		910		380		350		390		300	U
Vanadium	NS	NS	42		16		25		20		31		27		22		53	
Zinc	109	10,000	65		21		900		28		170		150		84		52	J
Antimony	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.98	UJ
Arsenic	13	16	3.2		1.2		2.2		1.2		13		8.5		4.5		5.8	J
Beryllium	7.2	72	0.30		U	U	U	U	0.25		0.30		0.27		0.34		0.56	J
Cadmium	2.5	4.3	1.5		U	U	2		U	U	U	U	U	U	U	U	0.49	U
Selenium	3.9	180	2.3	U	2.3	U	2.4	U	2.2	U	2.5	U	2.4	U	2.2	U	2.4	UJ
Silver	2	180	0.23	U	0.23	U	0.24	U	0.22	U	0.25	U	0.24	U	0.22	U	0.24	UJ
Thallium	NS	NS	0.47	U	0.45	U	0.48	U	0.45	U	0.50	U	0.48	U	0.45	U	0.49	U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
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Table 4
Soil Sampling Results
Total Metals

19 Prescott Place
Brooklyn, NY

Client Sample ID: / Sample Depth: / Laboratory ID: / Sampling Date:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)	SB015 18-20' AD02718-002 2/19/2018		SB016 13-15' AD02718-005 2/19/2018		SB016 18-20' AD02718-006 2/19/2018		SB017 8-10' AD02718-006 2/19/2018		SB017 12-14' AD02718-008 2/19/2018		SB018 0-2' AD03020-001 3/12/2018		SB019 0-2' AD03020-004 3/12/2018		SB020 0-2' AD03020-005 3/12/2018		SB021 0-2' AD03020-006 3/12/2018	
Total Metals, NYSDEC Part 375 List (mg/kg)																				
Chromium, Trivalent	30	180	24		38		41		28		20		24		36		14		13	
Chromium, Hexavalent	1	110	1.1	UJ	1.1	UJ	1.2	UJ	1.2	UJ	1.1	UJ	1.2	U	1.2	U	1.2	U	1.2	U
Cyanide	27	27	0.27	U	0.27	U	0.28	U	0.28	U	0.27	U	0.77		0.97		0.30	U	0.28	U
Mercury	0.18	0.81	0.094	U	0.094	U	0.098	U	0.098		0.093	U	0.320		0.9		0.6		0.57	
Aluminum	NS	NS	7,000	J	11,000	J	12,000	J	8,100	J	4,800	J	5,600		13,000		3,200		4,100	
Barium	350	400	47	J	66	J	65	J	51	J	28	J	330	J	1,600	J	440	J	320	J
Calcium	NS	NS	1,400		2,300		4,200		1,200		1,200		20,000	J	160,000	J	5,600	J	87,000	J
Cobalt	NS	NS	10		11		19		10		8		7		12		3.1	U	5	
Copper	50	270	18		22		35		21		16		59	J	71	J	59	J	64	J
Iron	NS	NS	35,000	J	43,000	J	44,000	J	58,000	J	43,000	J	21,000	J	23,000	J	14,000	J	19,000	J
Lead	63	400	9.5		11		14		10		5.6	U	660		7,500		680		590	
Magnesium	NS	NS	2,600	J	5,500	J	4,600	J	2,900	J	2,100	J	2,900	J	29,000	J	1,700	J	1,700	J
Manganese	1,600	2,000	490	J	660	J	690	J	940	J	380	J	300	J	1,900	J	170	J	260	J
Nickel	30	310	16		23		28		19		13		17		22		10		12	
Potassium	NS	NS	1,300		2,400		1,500		1,200		850		710		1,600		620	U	590	U
Sodium	NS	NS	750		420		350		290	U	280	U	300	U	760		310	U	290	U
Vanadium	NS	NS	44		58		50		61		33		23		43		15		21	
Zinc	109	10,000	46	J	56	J	59	J	61	J	35	J	2,700		5,600		440		400	
Antimony	NS	NS	0.9	UJ	0.9	UJ	0.94	UJ	0.94	UJ	0.89	UJ	0.95	UJ	1.	UJ	1.	UJ	0.94	UJ
Arsenic	13	16	1.5	J	1.7	J	3.	J	1.9	J	1.2	J	4.6	J	5.8	J	4.7	J	4.4	J
Beryllium	7.2	72	0.34	J	0.34	J	0.29	J	0.36	J	0.27	J	0.24		0.34		0.28		0.3	
Cadmium	2.5	4.3	0.45	U	0.45	U	0.47	U	0.47	U	0.44	U	4.7	J	3.	J	1.1	J	1.2	J
Selenium	3.9	180	2.2	UJ	2.2	UJ	2.4	UJ	2.4	UJ	2.2	UJ	2.4	U	2.5	U	2.5	U	2.4	U
Silver	2	180	0.22	UJ	0.22	UJ	0.24	UJ	0.24	UJ	0.22	UJ	0.24	UJ	0.31	J	0.25	UJ	0.24	UJ
Thallium	NS	NS	0.45	U	0.45	U	0.47	U	0.47	U	0.44	U	0.48	U	0.5	U	0.5	U	0.47	U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
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Table 5
Soil Sampling Results
Pesticides, Herbicides and PCBs

19 Prescott Place
Brooklyn, NY

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)	SB001 0-2' 0-2' AD01080-008 11/9/2017		SB001 6-8' 6-8' AD01080-009 11/9/2017		SB002 0-2' 0-2' AD01080-010 11/9/2017		SB002 5-7' 5-7' AD01080-011 11/9/2017		SB003 0-2' 0-2' AD01080-001 11/9/2017		SB003 6-8' 6-8' AD01080-002 11/9/2017		SB003 12-14' 12-14' AD01080-003 11/9/2017		SB004 0-2' 0-2' AD01080-004 11/9/2017		SB004 12-14' 12-14' AD01080-005 11/9/2017		SB005 0-2' 0-2' AD01080-006 11/9/2017	
Pesticides, NYSDEC Part 375 Target List (mg/kg)																						
a-Chlordane	0.094	4.2	0.022		0.0055	U	0.01		0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.022		0.0056	U	0.0068	D
Aldrin	0.005	0.097	0.009		0.0055	U	0.0053	U	0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.0059	U	0.0056	U	0.0056	U
Alpha-BHC	0.02	0.48	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U
beta-BHC	0.036	0.36	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U
Chlordane (Total)	0.094	4.2	0.03600		0.00550	U	0.01		0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.044		0.0056	U	0.0068	
delta-BHC	0.04	100	0.0059	U	0.0055	U	0.0053	U	0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.0059	U	0.0056	U	0.0056	U
Dieldrin	0.005	0.2	0.013	J	0.023		0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U
Endosulfan I	2.4	24	0.0059	U	0.0055	U	0.0053	U	0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.0059	U	0.0056	U	0.0056	U
Endosulfan II	2.4	24	0.0059	U	0.0055	U	0.0053	U	0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.0059	U	0.0056	U	0.0056	U
Endosulfan Sulfate	2.4	24	0.0059	U	0.0055	U	0.0053	U	0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.0059	U	0.0056	U	0.0056	U
Endrin	0.014	11	0.0059	U	0.0055	U	0.0053	U	0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.0059	U	0.0056	U	0.0056	U
Endrin Aldehyde	NS	NS	0.0059	U	0.0055	U	0.0053	U	0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.0059	U	0.0056	U	0.0056	U
Endrin Ketone	NS	NS	0.0059	U	0.0055	U	0.0053	U	0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.0059	U	0.0056	U	0.0056	U
gamma-BHC	0.1	1.3	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U
Heptachlor	0.042	2.1	0.0059	U	0.0055	U	0.0053	U	0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.0059	U	0.0056	U	0.0056	U
Heptachlor Epoxide	NS	NS	0.0059	U	0.0055	U	0.0053	U	0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.0059	U	0.0056	U	0.0056	U
Methoxychlor	NS	NS	0.0059	U	0.0055	U	0.0053	U	0.0055	U	0.0057	U	0.0055	U	0.0056	U	0.0059	U	0.0056	U	0.0056	U
p,p'-DDD	0.0033	13	0.1		0.0053		0.0087	D	0.0027	U	0.0029	U	0.0027	U	0.0028	U	0.063		0.0028	U	0.0058	
p,p'-DDE	0.0	8.9	0.036		0.0033	D	0.026		0.0053		0.0029	U	0.0027	U	0.0028	U	0.038		0.0028	U	0.01	
p,p'-DDT	0.0033	7.9	0.0029	U	0.0027	U	0.037		0.0088	D	0.0029	U	0.0027	U	0.0028	U	0.17		0.0028	U	0.014	D
Toxaphene	NS	NS	0.029	U	0.02700	U	0.027	U	0.027	U	0.029	U	0.027	U	0.028	U	0.029	U	0.028	U	0.028	U
y-Chlordane	0.094	4.2	0.014	J	0.0055	U	0.0053	U	0.0055	U	0.00570	U	0.0055	U	0.0056	U	0.022		0.0056	U	0.0056	U
Herbicides, NYSDEC Part 375 Target List (ppm)																						
2,4,5-T	NS	NS	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.012	U	0.011	U	0.011	U
2,4-D	NS	NS	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.012	U	0.011	U	0.011	U
Dicamba	NS	NS	0.012	UJ	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.012	U	0.011	U	0.011	U
2,4,5-TP (Silvex)	3.8	100	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.012	U	0.011	U	0.011	U
Polychlorinated Biphenyls (ppm)																						
Aroclor-1016	0.1	1	0.029	U	0.027	U	0.027	U	0.027	U	0.029	U	0.027	U	0.028	U	0.029	U	0.028	U	0.028	U
Aroclor-1221	0.1	1	0.029	U	0.027	U	0.027	U	0.027	U	0.029	U	0.027	U	0.028	U	0.029	U	0.028	U	0.028	U
Aroclor-1232	0.1	1	0.029	U	0.027	U	0.027	U	0.027	U	0.029	U	0.027	U	0.028	U	0.029	U	0.028	U	0.028	U
Aroclor-1242	0.1	1	0.029	U	0.027	U	0.027	U	0.027	U	0.029	U	0.027	U	0.028	U	0.029	U	0.028	U	0.028	U
Aroclor-1248	0.1	1	0.029	U	0.027	U	0.027	U	0.027	U	0.029	U	0.027	U	0.028	U	0.029	U	0.028	U	0.028	U
Aroclor-1254	0.1	1	0.32		0.027	U	0.027	U	0.027	U	0.029	U	0.027	U	0.028	U	0.029	U	0.028	U	0.028	U
Aroclor-1260	0.1	1	0.029	U	0.027	U	0.027	U	0.027	U	0.029	U	0.027	U	0.028	U	0.029	U	0.028	U	0.18	
Aroclor-1262	0.1	1	0.029	U	0.027	U	0.027	U	0.027	U	0.029	U	0.027	U	0.028	U	0.066		0.028	U	0.028	U
Aroclor-1268	0.1	1	0.029	U	0.027	U	0.1		0.027	U	0.029	U	0.027	U	0.028	U	0.029	U	0.028	U	0.028	U
Aroclor (Total)	0.1	1	0.32		0.027	U	0.1		0.027	U	0.029	U	0.027	U	0.028	U	0.066		0.028	U	0.18	

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

NS= analyte has no standard

Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO

Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 5
Soil Sampling Results
Pesticides, Herbicides and PCBs

19 Prescott Place
Brooklyn, NY

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)	DUP001 0-2' AD01080-007 11/9/2017		SB005 6-8' 6-8' AD01080-019 11/9/2017		SB006 0-2' 0-2' AD01080-014 11/9/2017		SB006 5-7' 5-7' AD01080-015 11/9/2017		SB007 0-2' 0-2' AD01210-001 11/16/2017		SB007 6-8' 6-8' AD01210-002 11/16/2017		SB008 0-2' 0-2' AD01210-003 11/16/2017		SB008 12-14' 12-14' AD01210-004 11/16/2017		SB009 0-2' 0-2' AD01210-005 11/16/2017		SB009 12-14' 12-14' AD01210-006 11/16/2017	
Pesticides, NYSDEC Part 375 Target List (mg/kg)																						
a-Chlordane	0.094	4.2	0.01		0.0054	U	0.02		0.0054	U	0.044	D	0.0056	U	0.087	D	0.0056	U	0.021		0.0056	U
Aldrin	0.005	0.097	0.0056	U	0.0054	U	0.0056	U	0.0054	U	0.006	U	0.0056	U	0.0085	U	0.0056	U	0.0059	U	0.0056	U
Alpha-BHC	0.02	0.48	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0017	U	0.0011	U	0.0012	U	0.0011	U
beta-BHC	0.036	0.36	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0017	U	0.0011	U	0.0012	U	0.0011	U
Chlordane (Total)	0.094	4.2	0.01		0.0054	U	0.033		0.00540	U	0.064		0.0056	U	0.15		0.0056	U	0.034		0.0056	U
delta-BHC	0.04	100	0.0056	U	0.0054	U	0.0056	U	0.0054	U	0.006	U	0.0056	U	0.0085	U	0.0056	U	0.0059	U	0.0056	U
Dieldrin	0.005	0.2	0.0011	U	0.0011	U	0.0094	D	0.0011	U	0.0012	U	0.0011	U	0.068	D	0.0011	U	0.0012	U	0.0011	U
Endosulfan I	2.4	24	0.0056	U	0.0054	U	0.0056	U	0.0054	U	0.006	U	0.0056	U	0.0085	U	0.0056	U	0.0059	U	0.0056	U
Endosulfan II	2.4	24	0.0056	U	0.0054	U	0.0056	U	0.0054	U	0.006	U	0.0056	U	0.0085	U	0.0056	U	0.0059	U	0.0056	U
Endosulfan Sulfate	2.4	24	0.0056	U	0.0054	U	0.0056	U	0.0054	U	0.006	U	0.0056	U	0.0085	U	0.0056	U	0.0059	U	0.0056	U
Endrin	0.014	11	0.0056	U	0.0054	U	0.0056	U	0.0054	U	0.006	U	0.0056	U	0.0085	U	0.0056	U	0.0059	U	0.0056	U
Endrin Aldehyde	NS	NS	0.0056	U	0.0054	U	0.0056	U	0.0054	U	0.006	U	0.0056	U	0.0085	U	0.0056	U	0.0059	U	0.0056	U
Endrin Ketone	NS	NS	0.0056	U	0.0054	U	0.0056	U	0.0054	U	0.006	U	0.0056	U	0.0085	U	0.0056	U	0.0059	U	0.0056	U
gamma-BHC	0.1	1.3	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0017	U	0.0011	U	0.0012	U	0.0011	U
Heptachlor	0.042	2.1	0.0056	U	0.0054	U	0.0056	U	0.0054	U	0.006	U	0.0056	U	0.0085	U	0.0056	U	0.0059	U	0.0056	U
Heptachlor Epoxide	NS	NS	0.0056	U	0.0054	U	0.0056	U	0.0054	U	0.006	U	0.0056	U	0.0085	U	0.0056	U	0.0059	U	0.0056	U
Methoxychlor	NS	NS	0.0056	U	0.0054	U	0.0056	U	0.0054	U	0.006	U	0.0056	U	0.0085	U	0.0056	U	0.0059	U	0.0056	U
p,p'-DDD	0.0033	13	0.0028	U	0.0027	U	0.0076	D	0.0027	U	0.034	D	0.0028	U	0.015	D	0.0028	U	0.038	D	0.0028	U
p,p'-DDE	0.0	8.9	0.011		0.0027	U	0.037		0.0027	U	0.057		0.0028	U	0.058		0.0028	U	0.028	D	0.0028	U
p,p'-DDT	0.0033	7.9	0.04	D	0.0027	U	0.16		0.0027	U	0.055	D	0.0028	U	0.034	D	0.0028	U	0.031	D	0.0028	U
Toxaphene	NS	NS	0.028	U	0.027	U	0.028	U	0.027	U	0.03	U	0.028	U	0.042	U	0.028	U	0.029	U	0.028	U
y-Chlordane	0.094	4.2	0.0056	U	0.0054	U	0.013		0.0054	U	0.02	D	0.0056	U	0.064		0.0056	U	0.013	D	0.0056	U
Herbicides, NYSDEC Part 375 Target List (ppm)																						
2,4,5-T	NS	NS	0.011	U	0.011	U	0.011	U	0.011	U	0.012	U	0.011	U	0.017	U	0.011	U	0.012	U	0.011	U
2,4-D	NS	NS	0.011	U	0.011	U	0.011	U	0.011	U	0.012	U	0.011	U	0.017	U	0.011	U	0.012	U	0.011	U
Dicamba	NS	NS	0.011	U	0.011	U	0.011	U	0.011	U	0.012	U	0.011	U	0.017	U	0.011	U	0.012	U	0.011	U
2,4,5-TP (Silvex)	3.8	100	0.011	U	0.011	U	0.011	U	0.011	U	0.012	U	0.011	U	0.017	U	0.011	U	0.012	U	0.011	U
Polychlorinated Biphenyls (ppm)																						
Aroclor-1016	0.1	1	0.028	U	0.027	U	0.028	U	0.027	U	0.03	U	0.028	U	0.042	U	0.028	U	0.029	U	0.028	U
Aroclor-1221	0.1	1	0.028	U	0.027	U	0.028	U	0.027	U	0.03	U	0.028	U	0.042	U	0.028	U	0.029	U	0.028	U
Aroclor-1232	0.1	1	0.028	U	0.027	U	0.028	U	0.027	U	0.03	U	0.028	U	0.042	U	0.028	U	0.029	U	0.028	U
Aroclor-1242	0.1	1	0.028	U	0.027	U	0.028	U	0.027	U	0.03	U	0.028	U	0.042	U	0.028	U	0.029	U	0.028	U
Aroclor-1248	0.1	1	0.028	U	0.027	U	0.028	U	0.027	U	0.03	U	0.028	U	0.042	U	0.028	U	0.029	U	0.028	U
Aroclor-1254	0.1	1	0.028	U	0.027	U	0.028	U	0.027	U	1.9		0.028	U	0.042	U	0.028	U	0.093		0.028	U
Aroclor-1260	0.1	1	0.2		0.027	U	0.028	U	0.027	U	0.03	U	0.028	U	0.042	U	0.028	U	0.029	U	0.028	U
Aroclor-1262	0.1	1	0.028	U	0.027	U	0.028	U	0.027	U	0.03	U	0.028	U	0.042	U	0.028	U	0.062		0.028	U
Aroclor-1268	0.1	1	0.028	U	0.027	U	0.028	U	0.027	U	0.03	U	0.028	U	0.042	U	0.028	U	0.029	U	0.028	U
Aroclor (Total)	0.1	1	0.2		0.027	U	0.028	U	0.027	U	1.9		0.028	U	0.042	U	0.028	U	0.16		0.028	U

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

NS= analyte has no standard

Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO

Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 5
Soil Sampling Results
Pesticides, Herbicides and PCBs

19 Prescott Place
Brooklyn, NY

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)	SB010 0-2' 0-2' AD01210-007 11/16/2017		SB010 6-8' 6-8' AD01210-008 11/16/2017		SB011 0-2' 0-2' AD01210-009 11/16/2017		SB011 12-14' 12-14' AD01210-010 11/16/2017		SB012 0-2' AD02620-001 2/14/2018		SB012 2-4' AD02620-002 2/14/2018		SB013 0-2' AD02620-003 2/14/2018		SB013 4-6' AD02620-004 2/14/2018		DUP001 AD02620-006 2/14/2018		SB014 0-2' AD02620-007 2/14/2018	
Pesticides, NYSDEC Part 375 Target List (mg/kg)																						
a-Chlordane	0.094	4.2	0.02		0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	U	0.0056	U	0.0063	U	0.006	U
Aldrin	0.005	0.097	0.0057	U	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	U	0.0056	U	0.0063	U	0.006	U
Alpha-BHC	0.02	0.48	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U	0.0013	U	0.0012	U
beta-BHC	0.036	0.36	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U	0.0013	U	0.0012	U
Chlordane (Total)	0.094	4.2	0.034		0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0060	U	0.0056	U	0.0063	U	0.0060	U
delta-BHC	0.04	100	0.0057	U	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	U	0.0056	U	0.0063	U	0.006	U
Dieldrin	0.005	0.2	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U	0.0013	U	0.0012	U
Endosulfan I	2.4	24	0.0057	U	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	U	0.0056	U	0.0063	U	0.006	U
Endosulfan II	2.4	24	0.0057	U	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	U	0.0056	U	0.0063	U	0.006	U
Endosulfan Sulfate	2.4	24	0.0057	U	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	U	0.0056	U	0.0063	U	0.006	U
Endrin	0.014	11	0.0057	U	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	UJ	0.0056	U	0.0063	UJ	0.006	UJ
Endrin Aldehyde	NS	NS	0.0057	U	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	U	0.0056	U	0.0063	U	0.006	U
Endrin Ketone	NS	NS	0.0057	U	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	UJ	0.0056	U	0.0063	UJ	0.006	UJ
gamma-BHC	0.1	1.3	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U	0.0013	U	0.0012	U
Heptachlor	0.042	2.1	0.0057	U	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	UJ	0.0056	U	0.0063	UJ	0.006	UJ
Heptachlor Epoxide	NS	NS	0.0057	U	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	U	0.0056	U	0.0063	U	0.006	U
Methoxychlor	NS	NS	0.0057	U	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.006	UJ	0.0056	U	0.0063	UJ	0.006	UJ
p,p'-DDD	0.0033	13	0.0029	U	0.0027	U	0.0029	U	0.0028	U	0.0029	U	0.0028	U	0.003	U	0.0028	U	0.0031	U	0.003	U
p,p'-DDE	0.0	8.9	0.0063		0.0027	U	0.0029	U	0.0028	U	0.0029	U	0.0028	U	0.003	U	0.0028	U	0.017		0.013	
p,p'-DDT	0.0033	7.9	0.015	D	0.0027	U	0.0029	U	0.0028	U	0.00033	J	0.0028	U	0.0064	J	0.0028	U	0.025		0.012	J
Toxaphene	NS	NS	0.029	U	0.027	U	0.029	U	0.028	U	0.029	U	0.02800	U	0.030	U	0.028	U	0.031	U	0.030	U
y-Chlordane	0.094	4.2	0.014	D	0.0054	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0060	U	0.0056	U	0.00630	U	0.0060	U
Herbicides, NYSDEC Part 375 Target List (ppm)																						
2,4,5-T	NS	NS	0.011	U	0.011	U	0.011	U	0.011	U	0.012	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U
2,4-D	NS	NS	0.011	U	0.011	U	0.011	U	0.011	U	0.012	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U
Dicamba	NS	NS	0.011	U	0.011	U	0.011	U	0.011	U	0.012	UJ	0.011	UJ	0.012	UJ	0.011	UJ	0.012	UJ	0.012	UJ
2,4,5-TP (Silvex)	3.8	100	0.011	U	0.011	U	0.011	U	0.011	U	0.012	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U
Polychlorinated Biphenyls (ppm)																						
Aroclor-1016	0.1	1	0.029	U	0.027	U	0.029	U	0.028	U	0.029	U	0.028	U	0.03	U	0.028	U	0.031	U	0.03	U
Aroclor-1221	0.1	1	0.029	U	0.027	U	0.029	U	0.028	U	0.029	U	0.028	U	0.03	U	0.028	U	0.031	U	0.03	U
Aroclor-1232	0.1	1	0.029	U	0.027	U	0.029	U	0.028	U	0.029	U	0.028	U	0.03	U	0.028	U	0.031	U	0.03	U
Aroclor-1242	0.1	1	0.029	U	0.027	U	0.029	U	0.028	U	0.029	U	0.028	U	0.03	U	0.028	U	0.031	U	0.03	U
Aroclor-1248	0.1	1	0.029	U	0.027	U	0.029	U	0.028	U	0.029	U	0.028	U	0.03	U	0.028	U	0.031	U	0.03	U
Aroclor-1254	0.1	1	0.029	U	0.027	U	0.029	U	0.028	U	0.029	U	0.028	U	0.03	U	0.028	U	0.031	U	0.03	U
Aroclor-1260	0.1	1	0.029	U	0.027	U	0.029	U	0.028	U	0.029	U	0.028	U	0.03	U	0.028	U	0.031	U	0.03	U
Aroclor-1262	0.1	1	0.029	U	0.027	U	0.029	U	0.028	U	0.029	U	0.028	U	0.03	U	0.028	U	0.031	U	0.03	U
Aroclor-1268	0.1	1	0.029	U	0.027	U	0.029	U	0.028	U	0.029	U	0.028	U	0.03	U	0.028	U	0.031	U	0.03	U
Aroclor (Total)	0.1	1	0.029	U	0.027	U	0.029	U	0.028	U	0.029	U	0.028	U	0.03	U	0.028	U	0.031	U	0.03	U

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

NS= analyte has no standard

Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO

Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 5
Soil Sampling Results
Pesticides, Herbicides and PCBs

19 Prescott Place
Brooklyn, NY

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC UUSCO (1)	NYSDEC RRSCO (2)	SB014 4-6' AD02620-008 2/14/2018		SB015 6-8' AD02718-001 2/19/2018		SB015 18-20' AD02718-002 2/19/2018		SB016 13-15' AD02718-005 2/19/2018		SB016 18-20' AD02718-006 2/19/2018		SB017 8-10' AD02718-006 2/19/2018		SB017 12-14' AD02718-008 2/19/2018		SB018 0-2' AD03020-001 3/12/2018		SB019 0-2' AD03020-004 3/12/2018		SB020 0-2' AD03020-005 3/12/2018		SB021 0-2' AD03020-006 3/12/2018	
Pesticides, NYSDEC Part 375 Target List (mg/kg)																								
a-Chlordane	0.094	4.2	0.0056	U	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.0065	J	0.3	J	0.017	J	11	J
Aldrin	0.005	0.097	0.0056	U	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.006	U	0.13	U	0.0063	U	0.59	U
Alpha-BHC	0.02	0.48	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0012	U	0.025	U	0.0013	U	0.12	U
beta-BHC	0.036	0.36	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0012	U	0.025	UJ	0.0013	U	0.12	UJ
Chlordane (Total)	0.094	4.2	0.0056	U	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.00590	U	0.0056	U	0.016		0.69		0.044		24	
delta-BHC	0.04	100	0.0056	U	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.006	U	0.13	U	0.0063	U	0.59	U
Dieldrin	0.005	0.2	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0012	U	0.025	U	0.012	J	0.12	U
Endosulfan I	2.4	24	0.0056	U	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.006	U	0.13	U	0.0063	U	0.59	U
Endosulfan II	2.4	24	0.0056	U	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.006	U	0.13	U	0.0063	U	0.59	U
Endosulfan Sulfate	2.4	24	0.0056	U	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.006	U	0.13	U	0.0063	U	0.59	U
Endrin	0.014	11	0.0056	UJ	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.006	U	0.13	UJ	0.0063	U	0.59	UJ
Endrin Aldehyde	NS	NS	0.0056	U	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.006	U	0.13	U	0.0063	U	0.59	U
Endrin Ketone	NS	NS	0.0056	UJ	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.006	U	0.13	UJ	0.0063	U	0.59	UJ
gamma-BHC	0.1	1.3	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0012	U	0.025	U	0.0013	U	0.12	U
Heptachlor	0.042	2.1	0.0056	UJ	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.006	U	0.13	U	0.0063	U	0.59	U
Heptachlor Epoxide	NS	NS	0.0056	U	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.006	U	0.13	U	0.0063	U	0.59	U
Methoxychlor	NS	NS	0.0056	UJ	0.0061	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.006	U	0.13	UJ	0.0063	U	0.59	UJ
p,p'-DDD	0.0033	13	0.0028	U	0.003	U	0.0028	U	0.0028	U	0.0029	U	0.0029	U	0.0028	U	0.003	U	0.19	J	0.0031	U	0.29	U
p,p'-DDE	0.0	8.9	0.0028	U	0.003	U	0.0028	U	0.0028	U	0.0029	U	0.0029	U	0.0028	U	0.012	J	0.38		0.065		0.29	U
p,p'-DDT	0.0033	7.9	0.0028	U	0.003	U	0.0028	U	0.0028	U	0.0029	U	0.0029	U	0.0028	U	0.084		2.3		0.21		0.29	U
Toxaphene	NS	NS	0.028	U	0.030	U	0.028	U	0.028	U	0.029	U	0.029	U	0.028	U	0.030	U	0.630	U	0.031	U	2.9	U
y-Chlordane	0.094	4.2	0.0056	U	0.006	U	0.0056	U	0.0056	U	0.0059	U	0.0059	U	0.0056	U	0.0094		0.39		0.0270		13	
Herbicides, NYSDEC Part 375 Target List (ppm)																								
2,4,5-T	NS	NS	0.011	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U	0.012	U	0.013	U	0.013	U	0.012	U
2,4-D	NS	NS	0.011	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U	0.012	U	0.013	U	0.013	U	0.012	U
Dicamba	NS	NS	0.011	UJ	0.011	UJ	0.012	UJ	0.011	UJ	0.012	UJ	0.012	UJ	0.011	UJ	0.012	UJ	0.013	UJ	0.013	UJ	0.012	UJ
2,4,5-TP (Silvex)	3.8	100	0.011	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U	0.012	U	0.013	U	0.013	U	0.012	U
Polychlorinated Biphenyls (ppm)																								
Aroclor-1016	0.1	1	0.028	U	0.03	U	0.028	U	0.028	U	0.029	U	0.029	U	0.028	U	0.03	U	0.031	U	0.031	U	0.029	U
Aroclor-1221	0.1	1	0.028	U	0.03	U	0.028	U	0.028	U	0.029	U	0.029	U	0.028	U	0.03	U	0.031	U	0.031	U	0.029	U
Aroclor-1232	0.1	1	0.028	U	0.03	U	0.028	U	0.028	U	0.029	U	0.029	U	0.028	U	0.03	U	0.031	U	0.031	U	0.029	U
Aroclor-1242	0.1	1	0.028	U	0.03	U	0.028	U	0.028	U	0.029	U	0.029	U	0.028	U	0.03	U	0.031	U	0.031	U	0.029	U
Aroclor-1248	0.1	1	0.028	U	0.03	U	0.028	U	0.028	U	0.029	U	0.029	U	0.028	U	0.03	U	0.031	U	0.031	U	0.029	U
Aroclor-1254	0.1	1	0.028	U	0.03	U	0.028	U	0.028	U	0.029	U	0.029	U	0.028	U	0.03	U	0.79		0.42		0.029	U
Aroclor-1260	0.1	1	0.028	U	0.03	U	0.028	U	0.028	U	0.029	U	0.029	U	0.028	U	0.03	U	0.031	U	0.031	U	0.029	U
Aroclor-1262	0.1	1	0.028	U	0.03	U	0.028	U	0.028	U	0.029	U	0.029	U	0.028	U	0.03	U	0.031	U	0.031	U	0.029	U
Aroclor-1268	0.1	1	0.028	U	0.03	U	0.028	U	0.028	U	0.029	U	0.029	U	0.028	U	0.03	U	0.031	U	0.031	U	0.029	U
Aroclor (Total)	0.1	1	0.028	U	0.03	U	0.028	U	0.028	U	0.029	U	0.029	U	0.028	U	0.03	U	0.79		0.42		0.029	U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8a 12/06
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NS= analyte has no standard
Highlighted text denotes concentrations exceeding NYSDEC Restricted Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 6
Groundwater Analytical Results
Volatile Organic Compounds
19 Prescott Place
Brooklyn, NY

Client Sample ID: Sampling Date: Laboratory ID:	NYSDEC GQS/GVs[1]	MW001 12/6/2017 AD01573-001		MW002 12/6/2017 AD01573-002		MW003 12/13/2017 AD01714-001		MW004 12/13/2017 AD01714-002		DUP 12/6/2017 AD01573-005	
Volatile Organic Compounds by 8260 (ug/L)											
1,1,1-Trichloroethane	5	1	U	1	U	1	UJ	1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U	1	UJ	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	UJ	1	U	1	U
1,2,3-Trichlorobenzene	NS	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	0.04	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	NS	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	NS	50	U	50	U	50	UJ	50	U	50	U
2-Butanone	NS	1	U	1	U	1	U	1	U	1	U
2-Hexanone	NS	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-pentanone	NS	1	U	1	U	1	U	1	U	1	U
Acetone	NS	5	U	5	U	5	U	5	U	5	U
Benzene	1	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
Bromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	NS	1	U	1	U	1	UJ	1	U	1	U
Bromoform	NS	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	1	U	1	U	1	U	1	U	1	U
Carbon disulfide	NS	1	U	1	U	1	U	1	U	1	U
Carbon tetrachloride	5	1	U	1.0	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	1	U	1	U	1	U	1	U	1	U
Chloroform	7	1	U	2.6		3		1	U	3	
Chloromethane	5	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	1	U	1	UJ	1	U	1	U
cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Cyclohexane	NS	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	NS	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	U	1	U	1	U
Ethylbenzene	5	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	5	1	U	1	U	1	U	1	U	1	U
m&p-Xylenes	5	1	U	1	U	1	U	1	U	1	U
Methyl Acetate	NS	1	U	1	U	1	U	1	U	1	U
Methylcyclohexane	NS	1	U	1	U	1	U	1	U	1	U
Methylene chloride	5	1	U	1	U	1	UJ	1	U	1	U
Methyl-t-butyl ether	NS	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
n-Propylbenzene	5	1	U	1	U	1	U	1	U	1	U
o-Xylene	5	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U
t-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	5	1	U	1	U	1	U	1	U	1	U
Toluene	5	1	U	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	5	1	U	1	U	1	UJ	1	U	1	U
trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U
Trichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U	1	U
Vinyl chloride	2	1	U	1	U	1	U	1	U	1	U
Xylenes (Total)	5	1	U	1	U	1	U	1	U	1	U

Notes:

1: 6 NYCRR Part 703: Surface Water & GrouUwater Quality StaUards aU GrouUwater Effluent Limitations. (Class GA)

NS : No staUard established

J : Result is less than the RL but greater than or equal to the MDL aU the concentration is an approximate value.

U : IUicates the analyte was analyzed for but not detected.

Highlighted values iUicate exceedance of the NYSDEC GQS or GV.

Table 7
Groundwater Analytical Results
Semivolatile Organic Compounds
19 Prescott Place
Brooklyn, NY

Client Sample ID: / Sampling Date: / Laboratory ID:	NYSDEC GQS/GVs[1]	MW001 12/6/2017 AD01573-001		MW002 12/6/2017 AD01573-002		MW003 12/13/2017 AD01714-001		MW004 12/13/2017 AD01714-002		DUP 12/6/2017 AD01573-005	
Semi-Volatile Organic Compounds by 8270 (ug/L)											
1,1'-Biphenyl	5	2	U	2	U	2	U	2	U	2	U
1,2,4,5-Tetrachlorobenzene	5	2	U	2	U	2	U	2	U	2	U
2,3,4,6-Tetrachlorophenol	NS	2	U	2	U	2	U	2	U	2	U
2,4,5-Trichlorophenol	1	2	U	2	U	2	U	2	U	2	U
2,4,6-Trichlorophenol	1	2	U	2	U	2	U	2	U	2	U
2,4-Dichlorophenol	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4-Dimethylphenol	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4-Dinitrophenol	1	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrotoluene	5	2	U	2	U	2	U	2	U	2	U
2,6-Dinitrotoluene	5	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	NS	2	U	2	U	2	U	2	U	2	U
2-Chlorophenol	1	2	U	2	U	2	UJ	2	U	2	U
2-Methylnaphthalene	NS	2	U	2	U	2	U	2	U	2	U
2-Methylphenol	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Nitroaniline	5	2	U	2	U	2	U	2	U	2	U
2-Nitrophenol	1	2	U	2	U	2	U	2	U	2	U
3&4-Methylphenol	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
3,3'-Dichlorobenzidine	5	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	5	2	U	2	U	2	U	2	U	2	U
4,6-Dinitro-2-methylphenol	1	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl-phenylether	NS	2	U	2	U	2	U	2	U	2	U
4-Chloro-3-methylphenol	1	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Chlorophenyl-phenylether	NS	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	5	2	U	2	U	2	U	2	U	2	U
4-Nitrophenol	1	2	U	2	U	2	U	2	U	2	U
Acenaphthene	NS	2	U	2	U	2	U	2	U	2	U
Acenaphthylene	NS	2	U	2	U	2	U	2	U	2	U
Acetophenone	NS	2	U	2	U	2	U	2	U	2	U
Anthracene	NS	2	U	2	U	2	U	2	U	2	U
Atrazine	7.5	2	U	2	U	2	U	2	U	2	U
Benzaldehyde	NS	2	U	2	U	2	UJ	2	U	2	U
Benzo[a]anthracene	NS	2	U	2	U	2	U	2	U	2	U
Benzo[a]pyrene	NS	2	U	2	U	2	U	2	U	2	U
Benzo[b]fluoranthene	NS	2	U	2	U	2	U	2	U	2	U
Benzo[g,h,i]perylene	NS	2	U	2	U	2	U	2	U	2	U
Benzo[k]fluoranthene	NS	2	U	2	U	2	U	2	U	2	U
bis(2-Chloroethoxy)methane	5	2	U	2	U	2	UJ	2	U	2	U
bis(2-Chloroethyl)ether	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-Chloroisopropyl)ether	5	2	U	2	U	2	U	2	U	2	U
bis(2-Ethylhexyl)phthalate	5	2	U	2	U	2	U	2	U	2	U
Butylbenzylphthalate	NS	2	U	2	U	2	U	2	U	2	U
Caprolactam	NS	2	U	2	U	2	U	2	U	2	U
Carbazole	NS	2	U	2	U	2	U	2	U	2	U
Chrysene	NS	2	U	2	U	2	U	2	U	2	U
Dibenzo[a,h]anthracene	NS	2	U	2	U	2	U	2	U	2	U
Dibenzofuran	NS	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Diethylphthalate	NS	2	U	2	U	2	U	2	U	2	U
Dimethylphthalate	NS	2	U	2	U	2	U	2	U	2	U
Di-n-butylphthalate	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Di-n-octylphthalate	NS	2	U	2	U	2	U	2	U	2	U
Fluoranthene	NS	2	U	2	U	2	U	2	U	2	U
Fluorene	NS	2	U	2	U	2	U	2	U	2	U
Hexachlorobenzene	0.04	2	U	2	U	2	U	2	U	2	U
Hexachlorobutadiene	0.5	2	U	2	U	2	UJ	2	U	2	U
Hexachlorocyclopentadiene	5	10	U	10	U	10	UJ	10	U	2	U
Hexachloroethane	5	2	U	2	U	2	U	2	U	2	U
Indeno[1,2,3-cd]pyrene	NS	2	U	2	U	2	U	2	U	2	U
Isophorone	NS	2	U	2	U	2	UJ	2	U	2	U
Naphthalene	NS	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
Nitrobenzene	0.4	2	U	2	U	2	UJ	2	U	2	U
N-Nitroso-di-n-propylamine	NS	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
N-Nitrosodiphenylamine	NS	2	U	2	U	2	U	2	U	2	U
Pentachlorophenol	1	10	U	10	U	10	U	10	U	10	U
Phenanthrene	NS	2	U	2.0	U	2.0	U	2.0	U	2.0	U
Phenol	1	2	U	2	U	2	U	2	U	2	U
Pyrene	NS	2	U	2	U	2	U	2	U	2	U

Notes:
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Highlighted values iUicate exceedance of the NYSDEC GQS or GV.

Table 8

Groundwater Analytical Results

Total and Dissolved Metals

19 Prescott Place

Brooklyn, NY

Client Sample ID:	NYSDEC	MW001				MW002				MW003				MW004				DUP			
Sampling Date:		12/6/2017				12/6/2017				12/13/2017				12/13/2017				12/16/2017			
Laboratory ID:	GQS/GVs[1]	AD01573-001		AD01573-008		AD01573-002		AD01573-009		AD01714-001		AD01714-002		AD01714-003		AD01714-004		AD01573-005		AD01573-012	
		Total		Dissolved		Total		Dissolved		Total		Dissolved		Total		Dissolved		Total		Dissolved	
Metals by 6010 & 7470 (ug/L)																					
CR(Trivalent)	NS	50	U	NA		50	U	NA		50	U	NA		50	U	NA		50	U	NA	
CR(Hexavalent)	50	10	U	NA		10	U	NA		25	U	NA		25	U	NA		10	U	NA	
Cyanide	200	20	U	NA		20	U	NA		21		NA		20	U	NA		20	U	NA	
Mercury	0.7	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aluminum	NS	200	U	200	U	220		200	U	230		200	U	200	U	200	U	200	U	200	U
Barium	1,000	78		72		75		70		50	U	50	U	92		95		78		70	
Calcium	NS	100000		96000		110000		110000		85000		87000		170000		180000		120000		110000	
Chromium	50	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
Copper	200	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
Iron	300	300	U	300	U	310		300	U	300	U	300	U	300	U	300	U	300	U	300	U
Magnesium	NS	38000		36000		49000		48000		40000		40000		77000		79000		51000		48000	
Manganese	300	110		92		570		540		130		130		40	U	40	U	600		540	
Nickel	100	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
Potassium	NS	5000	U	5000	U	5200		5200		5000	U	5000	U	5000	U	5000	U	5600		5200	
Silver	50	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Sodium	20,000	170000		170000		110000		110000		180000		180000		170000		170000		120000		120000	
Vanadium	NS	50.0	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
Zinc	NS	50.0	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
Antimony	3	3.0	U	3	U	3.0	U	3	U	3	U	3	U	3	U	3	U	3.0	U	3	U
Arsenic	25	2.0	U	2	U	2.0	U	2	U	2	U	2	U	2	U	2	U	2.0	U	2	U
Beryllium	NS	1.0	U	1	U	1.0	U	1	U	1	U	1	U	1	U	1	U	1.0	U	1	U
Cadmium	5	2.0	U	2	U	2.0	U	2	U	2	U	2	U	2	U	2	U	2.0	U	2	U
Cobalt	NS	2.0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Lead	25	3.0	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
Selenium	10	10.0	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Thallium	NS	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U

Notes:

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Table 9
Groundwater Analytical Results
Pesticides, Herbicides and PCBs
19 Prescott Place
Brooklyn, NY

Client Sample ID: / Sampling Date: / Laboratory ID:	NYSDEC GQS/GVs[1]	MW001 12/6/2017 AD01573-001	MW002 12/6/2017 AD01573-002	MW003 12/13/2017 AD01714-001	MW004 12/13/2017 AD01714-002	DUP 12/6/2017 AD01573-005
Organochlorine Pesticides by 8081 (ug/L)						
a-Chlordane	0.05	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Aldrin	NS	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Alpha-BHC	0.01	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
beta-BHC	0.04	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Chlordane (Total)	0.05	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
delta-BHC	0.04	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Dieldrin	0.004	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Endosulfan I	NS	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Endosulfan II	NS	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Endosulfan Sulfate	NS	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Endrin	NS	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Endrin Aldehyde	5	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Endrin Ketone	5	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
gamma-BHC	0.05	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Heptachlor	0.04	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Heptachlor Epoxide	0.03	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Methoxychlor	35	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
p,p'-DDD	0.3	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
p,p'-DDE	0.2	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
p,p'-DDT	0.2	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Toxaphene	0.06	0.25 U	0.25 U	0.26 U	0.26 U	0.25 U
y-Chlordane	0.05	0.01 U	0.01 U	0.011 U	0.011 U	0.01 U
Herbicides (ug/L)						
2,4,5-T	35	0.56 U	0.56 U	0.5 U	0.5 U	0.56 U
2,4-D	50	0.56 U	0.56 U	0.5 U	0.5 U	0.56 U
Dicamba	0.44	0.56 U	0.56 U	0.5 U	0.5 U	0.56 U
Silvex	0.26	0.56 U	0.56 U	0.5 U	0.5 U	0.56 U
Polychlorinated Biphenyls by 8082 (ug/L)						
Aroclor-1016	0.09	0.25 U	0.25 U	0.26 U	0.26 U	0.25 U
Aroclor-1221	0.09	0.25 U	0.25 U	0.26 U	0.26 U	0.25 U
Aroclor-1232	0.09	0.25 U	0.25 U	0.26 U	0.26 U	0.25 U
Aroclor-1242	0.09	0.25 U	0.25 U	0.26 U	0.26 U	0.25 U
Aroclor-1248	0.09	0.25 U	0.25 U	0.26 U	0.26 U	0.25 U
Aroclor-1254	0.09	0.25 U	0.25 U	0.26 U	0.26 U	0.25 U
Aroclor-1260	0.09	0.25 U	0.25 U	0.26 U	0.26 U	0.25 U
Aroclor-1262	0.09	0.25 U	0.25 U	0.26 U	0.26 U	0.25 U
Aroclor-1268	0.09	0.25 U	0.25 U	0.26 U	0.26 U	0.25 U
Aroclor (Total)	0.09	0.25 U	0.25 U	0.26 U	0.26 U	0.25 U

Notes:

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Table 10
Soil Vapor Analytical Results
Volatile Organic Compounds
19 Prescott Place
Brooklyn, NY

Client Sample ID:	SV001		SV002		SV003		SV004		SV005		SV006		SV007		SV008	
Sample Depth (bgs):	5'		5'		5'		5'		5'		5'		5'		5'	
Laboratory ID:	JC56957-1		JC56957-2		JC56957-3		JC56957-4		JC56957-5		JC56957-6		AD02726-001		AD02726-002	
Sampling Date:	12/6/2017		12/6/2017		12/6/2017		12/6/2017		12/6/2017		12/6/2017		2/19/2018		2/19/2018	
Volatile Organic Compounds by USEPA Method TO-15 in µg/m³																
Acetone (2-propanone)	71.50		118.54		1819.60		2173.55		138.49		914.55		6.4		0.15	U
Benzene	0.08	U	0.08	U	0.77		2.52		0.08	U	76.03		0.45	J	23	
Bromodichloromethane	0.19	U	0.19	U	0.19	U	0.62	U	0.19	U	0.80	U	0.19	U	0.19	U
Bromoethene	0.07	U	0.07	U	0.07	U	0.22	U	0.07	U	0.27	U	0.07	U	0.07	U
Bromoform	0.19	U	0.19	U	0.19	U	0.59	U	0.19	U	0.73	U	0.19	U	0.19	U
Bromomethane (Methyl bromide)	0.13	U	0.13	U	0.13	U	0.39	U	0.13	U	0.50	U	0.13	U	0.13	UJ
1,3-Butadiene	0.06	U	0.06	U	0.06	U	0.20	U	0.06	U	0.24	U	0.062	U	0.062	U
2-Butanone (Methyl ethyl ketone)	0.13	U	5.01		37.46		25.07		1.86		29.49		0.38	J	0.74	
Carbon disulfide	0.10	U	6.85		3.43		1.93	J	0.69		5.61		0.1	U	0.1	U
Carbon tetrachloride	0.13	U	0.13	U	0.13	U	0.40	U	0.13	U	0.50	U	0.44	J	0.13	U
Chlorobenzene	0.08	U	0.08	U	0.08	U	0.25	U	0.08	U	0.32	U	0.078	U	0.078	U
Chloroethane	0.09	U	0.09	U	0.09	U	0.32	U	0.09	U	0.37	U	0.095	U	0.095	U
Chloroform	5.86		1.47		11.23		0.49	U	0.63	J	0.59	U	0.15	U	0.15	U
Chloromethane (Methyl chloride)	0.13	U	0.50		0.95		3.10		0.13	U	0.54	U	1.1		1.5	
3-Chloropropene (allyl chloride)	0.12	U	0.12	U	0.12	U	0.38	U	0.12	U	0.47	U	0.12	U	0.12	U
2-Chlorotoluene (o-Chlorotoluene)	0.19	U	0.19	U	0.19	U	0.62	U	0.19	U	0.72	U	0.19	U	0.19	U
Cyclohexane	0.12	U	0.12	U	0.12	U	0.38	U	0.12	U	74.35		0.12	U	11	
Dibromochloromethane	0.21	U	0.21	U	0.21	U	0.69	U	0.21	U	0.85	U	0.21	U	0.21	U
1,2-Dibromoethane	0.17	U	0.17	U	0.17	U	0.55	U	0.17	U	0.68	U	0.17	U	0.17	U
1,2-Dichlorobenzene	0.17	U	0.17	U	0.17	U	0.54	U	0.17	U	0.66	U	0.17	U	0.17	U
1,3-Dichlorobenzene	0.17	U	0.17	U	0.17	U	0.56	U	0.17	U	0.72	U	0.17	U	0.17	U
1,4-Dichlorobenzene	0.17	U	0.17	U	0.17	U	0.57	U	0.17	U	0.72	U	0.17	U	0.17	U
Dichlorodifluoromethane	0.12	U	2.27		2.23		0.41	U	2.13		0.49	U	2.2		2.8	
1,1-Dichloroethane	0.13	U	0.13	U	0.13	U	0.45	U	0.13	U	0.53	U	0.13	U	0.13	U
1,2-Dichloroethane	0.11	U	0.11	U	0.11	U	0.34	U	0.11	U	0.45	U	0.11	U	0.11	U
1,1-Dichloroethene	0.13	U	0.13	U	0.13	U	0.44	U	0.13	U	0.52	U	0.13	U	0.13	U
1,2-Dichloroethene (cis)	0.13	U	0.13	U	0.13	U	0.44	U	0.13	U	0.52	U	0.13	U	0.13	U
1,2-Dichloroethene (trans)	0.10	U	0.10	U	0.10	U	0.33	U	0.10	U	0.40	U	0.1	U	0.1	U
1,2-Dichloropropane	0.15	U	0.15	U	0.15	U	0.46	U	0.15	U	0.60	U	0.15	U	0.15	U
cis-1,3-Dichloropropene	0.10	U	0.10	U	0.10	U	0.34	U	0.10	U	0.42	U	0.1	U	0.1	U
trans-1,3-Dichloropropene	0.13	U	0.13	U	0.13	U	0.43	U	0.13	U	0.54	U	0.13	U	0.13	U
1,2-Dichlorotetrafluoroethane (Freon 114)	0.17	U	0.17	U	0.17	U	0.55	U	0.17	U	0.68	U	0.17	U	0.17	U
Ethylbenzene	0.10	U	0.48	J	0.10	U	1.43	J	0.83	J	289.72		0.1	U	22	
4-Ethyltoluene (p-Ethyltoluene)	0.14	U	0.14	U	0.14	U	0.44	U	0.14	U	57.03		0.14	U	6.9	
n-Heptane	0.19	U	0.19	U	0.70	J	2.25	J	0.19	U	308.18		0.82		21	
Hexachlorobutadiene	0.26	U	0.26	U	0.26	U	0.83	U	0.26	U	1.02	U	0.26	U	0.26	U
n-Hexane	1.02		1.16		1.48		6.70		1.06		141.68		0.092	U	59.6	
Methylene chloride	9.03		3.82		2.40		14.24		4.17		4.52		0.11	U	17	
4-Methyl-2-pentanone (MIBK)	0.23	U	0.23	U	0.23	U	2.17	J	0.23	U	0.94	U	0.23	U	0.82	
MTBE (Methyl tert-butyl ether)	0.07	U	0.07	U	0.07	U	0.22	U	0.07	U	0.27	U	0.069	U	0.069	U
Styrene	0.20	U	0.20	U	0.20	U	0.64	U	0.20	U	0.77	U	0.2	U	0.2	U
Tertiary butyl alcohol (TBA)	0.08	U	0.08	U	9.40		6.67		0.70		0.33	U	0.079	U	0.079	U
1,1,2,2-Tetrachloroethane	0.25	U	0.25	U	0.25	U	0.82	U	0.25	U	0.96	U	0.25	U	0.25	U
Tetrachloroethene (PCE)	1.90		0.88		8.14		1.70		4.61		7.46		0.31		0.11	U
Toluene	0.36	J	2.68		2.37		7.54		0.60	J	738.63		1.3		126	
1,2,4-Trichlorobenzene	0.28	U	0.28	U	0.28	U	0.89	U	0.28	U	1.11	U	0.28	U	0.28	U
1,1,1-Trichloroethane	0.09	U	0.09	U	0.09	U	0.30	U	0.09	U	0.37	U	0.093	U	0.093	U
1,1,2-Trichloroethane	0.12	U	0.12	U	0.12	U	0.39	U	0.12	U	0.48	U	0.12	U	0.12	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.18	U	0.18	U	0.18	U	0.59	U	0.18	U	0.74	U	0.18	U	0.18	U
Trichloroethene (TCE)	0.06	U	0.75		0.54		2.63		0.18	J	1.24		0.064	U	0.064	U
Trichlorofluoromethane (Freon 11)	7.31		1.80		1.63		1.57	J	1.57		0.34	U	1.6		1.9	
1,2,4-Trimethylbenzene	0.25	U	0.25	U	0.25	U	0.79	U	0.25	U	155.35		0.25	U	19	
1,3,5-Trimethylbenzene	0.15	U	0.15	U	0.15	U	0.48	U	0.15	U	47.20		0.15	U	4.8	
2,2,4-Trimethylpentane	0.12	U	2.76		1.12		20.08		0.12	U	602.53		0.12	U	27	
Vinyl chloride	0.10	U	0.10	U	0.10	U	0.31	U	0.10	U	0.38	U	0.097	U	0.097	U
Xylenes (m&p)	0.29	U	1.48		1.43		3.87		4.04		1064.17		0.29	U	101	
Xylenes (o)	0.15	U	0.65	J	0.48	J	1.43	J	2.48		337.93		0.15	U	28	
Benzyl Chloride	0.11	U	0.11	U	0.11	U	0.35	U	0.11	U	0.44	U	0.11	U	0.11	U
1,4-Dioxane	0.17	U	0.17	U	0.17	U	0.54	U	0.17	U	0.68	U	0.17	U	0.17	U
Ethanol	3.01		13.76		124.93		216.69		14.13		47.48		5.5	J	172	J
Ethyl Acetate	0.61	J	1.84		1.22		2.05	J	0.86		0.94	U	0.4	J	20	
2-Hexanone	0.17	U	0.17	U	0.17	U	0.53	U	0.17	U	5.32		0.17	U	0.17	U
Isopropyl Alcohol	0.22	U	0.22	U	0.22	U	0.71	U	0.22	U	0.88	U	1.80		1.6	
Methylmethacrylate	0.18	U	0.18	U	0.18	U	0.57	U	0.18	U	0.74	U	0.18	U	0.18	U
Propylene	0.10	U	13.91		92.76		1008.34		2.23		0.40	U	0.1	U	0.1	U
Tetrahydrofuran	0.13	U	0.13	U	0.13	U	0.44	U	0.13	U	0.53	U	0.13	U	0.13	U
Vinyl Acetate	0.09	U	0.09	U	0.09	U	6.33		1.62		0.39	U	0.095	U	0.095	U
Xylenes (total)	0.15	U	2.13		1.91		5.21		6.52		1402.97		0.15	U	129	
Total VOCs:	100.60		62.06		2124.25		3511.87		182.87		4827.10		8.759		474.836	
Total BTEX	0.36		5.28		5.05		16.71		7.94		2507.35		1.75		300	

Notes:

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL.

bgs- below ground surface

Highlighted values indicate detectable concentration of compound