Phase II Environmental Site Assessment (ESA) Summary Letter Report

288 Jackson Street
(Greenpoint Hospital Site)
Brooklyn, New York

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Executive Summary

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of Maspeth Manager LLC, has prepared this Phase II Environmental Site Assessment (ESA) Summary Letter Report (Report) to characterize the existing environmental conditions for the proposed development at 288 Jackson Street, Brooklyn, New York (the "Site"). The Site is also identified as Tax Block 2885, Tax Lot 1, on the New York City Tax Map. A Site Location Map is provided as Figure 1.

In October 2019, Roux completed a Phase I ESA for the Site on behalf of Maspeth Manager LLC. Based on the information gathered during the Phase I ESA process, Roux had identified the potential for contamination from historical onsite and offsite usage and the suspected presence of a vapor encroachment condition (VEC) as recognized environmental conditions (RECs).

The investigative components of the Phase II ESA are presented below:

- Completion of a ground penetrating radar (GPR) geophysical survey;
- Thirty-two soil samples (as well as two duplicate soil samples for quality assurance/quality control [QA/QC] purposes) were collected from a total of 20 soil borings (SS-1 through SS-9 and SB-1 through SB-11)
    - Soil samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs), Target Analyte List (TAL) metals and mercury, pesticides, and polychlorinated biphenyls (PCBs). The concentrations of VOCs, SVOCs, metals, pesticides, and PCBs in soil were compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Part 375 Restricted-Residential Use Soil Cleanup Objectives (RRSCOs), and Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs).
- Five groundwater samples (as well as one duplicate groundwater sample for QA/QC purposes) were collected from five temporary monitoring wells (TW-1 through TW-5);
    - Groundwater samples were analyzed for TCL VOCs, TCL SVOCs, TAL total and dissolved (filtered) metals and mercury, pesticides, and PCBs. The concentrations of VOCs, SVOCs, total metals, dissolved metals, pesticides, and PCBs in groundwater samples were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs).
- Thirteen soil vapor samples (as well as one duplicate soil vapor sample for QA/QC purposes) were collected from two sub-slab locations and 11 soil boring locations;
    - Soil vapor samples were analyzed for VOCs using United States Environmental Protection Agency (USEPA) Method TO-15. Soil vapor concentrations were compared to the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion.
- Two ash samples (one grab sample and one composite sample) were collected from the furnaces in the basement of Building 4 associated with the former operations at the Site to evaluate the potential for contaminants in ash and other incineration debris.
    - The grab sample was analyzed for VOCs. The composite sample was analyzed for SVOCs, pesticides, herbicides, TAL metals and mercury, PCBs, hexavalent and trivalent chromium, total cyanide, Toxicity Characteristic Leaching Procedure (TCLP) VOCs, TCLP SVOCs, TCLP herbicides, TCLP pesticides, TCLP metals and mercury, Resource Conservation and Recovery Act (RCRA) characteristics (ignitability, reactive cyanide, reactive sulfide, and corrosivity), and paint filter. The VOC, SVOC, metals and mercury, PCB, pesticides, herbicides, and general chemistry/RCRA characteristic data for the ash samples was compared to the NYSDEC UUSCOs and RRSCOs to evaluate the presence of contaminants that may complicate future offsite disposal. The TCLP VOC, TCLP SVOC, TCLP metals and mercury, TCLP pesticides,

and TCLP herbicides were compared to the USEPA Regulatory Levels to assess the potential for the presence of hazardous concentrations of contaminants in ash and incineration debris.

Between December 2020 and February 2021, Roux completed a Phase II ESA for the Site on behalf of Maspeth Manager LLC. A summary of the results and findings of the Phase II ESA are presented below:

- Geophysical Survey - A geophysical survey utilizing GPR was performed across accessible areas of the Site where intrusive work was anticipated, to investigate for the presence of underground utilities or possible underground storage tanks (USTs). The geophysical survey identified suspected unknown piping as well as known or suspected gas, water, and electric utility lines in multiple areas at the Site in the vicinity of anticipated intrusive work which were marked out and documented. Several small (less than 1-foot by 1-foot) anomalies were identified in the northern portion of the Site in areas between the existing buildings. The geophysical survey report is included in Appendix A.

- Geology - Soil borings were advanced to depths ranging between 2.5 and 40 feet below land surface (ft bls). The majority of the Site was paved with a layer of asphalt approximately 3 inches in thickness. The asphalt was underlain by a layer of sub-base material, consisting of a mix of soil, gravel, silt, concrete, and asphalt, ranging from approximately 6 to 9 inches in thickness. Portions of the Site (sidewalks and building foundations) were developed with a layer of concrete approximately 3 inches in thickness. The concrete was also underlain by a layer of sub-base material (similar to sub-base material observed beneath the asphalt layer throughout the Site), ranging from approximately 6 to 9 inches in thickness. Select areas of the southern portion of the Site had not been covered and consisted of exposed soil and grasses. A historic fill layer, ranging in thickness from approximately 0 to 15 ft (depending on the surface elevation of the boring), with an average depth of 4.5 ft bls, was comprised of a mixture of sand, gravel, silt, cobble, concrete, ash, brick, slag, and asphalt. Beneath the historic fill, the subsurface was predominantly comprised of fine to medium sand and silt with some coarse sand and fine to coarse gravel. Clay lenses, including sandy, silty, and low to high plasticity clay, were observed Site-wide ranging in thickness from approximately 0.5 to 19 ft thick (average thickness of approximately 6 ft), and ranging in depth from between 3 to 29.5 ft bls.

- Hydrogeology - Intervals of perched groundwater were observed atop the clay lenses Site-wide. The perched groundwater ranged in thickness from approximately 0.25 to 7 ft thick (average thickness of approximately 3.5 ft). Perched groundwater was observed beginning at depths ranging from 13 to 20 ft bls. Regional groundwater was encountered at depths ranging from approximately 22 to 29 ft bls across the Site (depending on the surface elevation of the soil boring), with an average depth of approximately 26 ft bls compared to the average surface elevation of the Site. The presumed groundwater flow direction in the vicinity of the Site is to the northeast, toward Newtown Creek.

- Soil - Petroleum staining and odor was observed in one of the 20 soil boring locations, SS-4, from 1 to 3 ft bls. Elevated photoionization detector (PID) readings were noted at this interval in soil boring SS-4 related to the petroleum staining and odor with PID readings ranging from 15 to 751.8 parts per million (ppm). Although petroleum staining and odor was noted in soil boring SS-4, the soil sample collected from within this impacted soil interval did not have elevated VOC analytical results. Only one VOC, acetone, was detected at concentrations above the UUSCOs and PGWSCOs in two soil samples. These detections were not associated with the location with elevated PID readings. Acetone is a common laboratory contaminant at low concentrations and is likely not indicative of soil contamination at the Site. Seven SVOCs (predominantly polycyclic aromatic hydrocarbons [PAHs]), including 2-methylphenol (o-cresol), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene, were detected at concentrations above the UUSCOs, the RRSCOs, and/or the PGWSCOs in five soil samples. Eight metals (arsenic, total chromium, copper, lead, manganese, mercury, nickel, and zinc) exceeded the UUSCOs. Concentrations of lead exceeded the UUSCOs and the RRSCOs. Concentrations of arsenic and/or mercury exceeded the UUSCOs, the RRSCOs, and the PGWSCOs in three soil samples. PCBs were not detected above the

UUSCOs, the RRSCOs, or the PGWSCOs in any soil samples. Concentrations of pesticides, including P,P'-DDD, P,P'-DDE, and/or P,P'-DDT, exceeded the UUSCOs in seven soil samples.

- Groundwater - SVOCs, pesticides, and PCBs were not detected in the groundwater samples in exceedance of the AWQSGVs or laboratory reporting limits. Two chlorinated volatile organic compounds (CVOCs), tetrachloroethylene (PCE) and trichloroethylene (TCE), were detected at concentrations above the AWQSGVs in one groundwater sample, TW-4. Six metals were detected in the total (unfiltered) metals groundwater samples at concentrations above the AWQSGVs, including iron, lead, magnesium, manganese, selenium, and sodium. With the exception of lead, the same metals were also detected in dissolved (filtered) metals in exceedance of the AWQSGVs. Iron, manganese, magnesium, and sodium are naturally occurring in groundwater throughout the region and are not indicative of groundwater contamination at the Site. The detections of metal concentrations in total (unfiltered) metals samples predominantly consisting of salts (iron, manganese, magnesium, sodium, and selenium) are likely attributable to the presence of metals in soils adhering to suspended solids in the groundwater samples.
- Soil Vapor - Concentrations of VOCs in soil vapor were detected above laboratory reporting limits at all sampling locations and included petroleum-related compounds and CVOCs. Petroleum-related VOCs, including, but not limited to, benzene, toluene, ethylbenzene, and xylenes, were detected within all samples; however, there are no standards or guidance values for these compounds set by the NYSDEC or the NYSDOH. Petroleum-related VOC concentrations were generally highest at the SV-10 soil vapor sample location, and CVOC concentrations were highest at the SV-11 soil vapor sample location. The NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion provides three matrices with guidance values for sub-slab and indoor air comparison for eight CVOCs. Each of the eight CVOCs that the matrices provide guidance for (1,1-dichloroethene, TCE, PCE, carbon tetrachloride, cis-1,2-dichloroethene, 1,1,1-trichloroethane [TCA], methylene chloride, and vinyl chloride) were detected in soil vapor during this investigation. Three CVOCs, 1,1-dichloroethene, PCE, and TCE, were detected at concentrations between 290 and 730 micrograms per cubic meter ($\mu g/m^3$) in soil vapor sample SV-11. PCE was also detected at a concentration of 430 $\mu g/m^3$ in SV-6. The Matrix A concentrations for 1,1-dichloroethene and TCE were above the threshold recommendations to mitigate at location SV-11. The concentrations of the Matrix B and Matrix C compounds were all below the threshold recommendations to mitigate.
- Ash - There were no detections of VOCs, SVOCs, pesticides, herbicides, or PCBs above the UUSCOs or RRSCOs. One metal, arsenic, was detected at a concentration of 26.9 mg/kg, which exceeds the UUSCO and RRSCO of 13 mg/kg and 16 mg/kg, respectively. There were no detections of TCLP compounds above the USEPA Regulatory Levels, indicating that the ash and incineration debris present in the basement of Building 4 is non-hazardous.

Based on the results of the investigation, there are impacts to soil, groundwater, and soil vapor at the Site. The field evidence (odor, staining, and elevated PID readings) of petroleum impacts to the soil at one soil boring location will need to be considered during the offsite disposal of this material. Elevated soil vapor concentrations were detected in the vicinity of Building 3 and Building 4 for petroleum related VOC compounds at SV-10 and CVOCs at locations SV-6, SV-11, and SV-12. Based on the results of the Phase II ESA, Roux recommends implementing the following measures listed below for redevelopment of the Site:

- Prior to construction activities, a Site-specific Construction Health and Safety Plan (CHASP) and a Remedial Action Plan (RAP) should be prepared for New York City Department of Environmental Protection (NYCDEP) approval and implemented during development activities to protect construction workers and the surrounding community from exposure to Site contamination.
- The completion of *in situ* waste characterization sampling prior to the start of excavation to characterize the soil so that disposal facilities can be identified in advance to ensure proper soil disposal. *In situ* waste characterization will also aid in timing for the project because it will eliminate

the need to stockpile soil and allow for live loading from the excavation areas into trucks for offsite disposal.

- The comparison of soil vapor results to the NYSDOH matrix compounds indicates that a mitigation action may be necessary to prevent potential soil vapor intrusion. Based on the concentrations of VOCs present in soil vapor, the inclusion of a vapor barrier into the design of the foundation of the proposed buildings may be warranted. If deemed necessary by the NYSDEC, the implementation of a sub-slab depressurization system (SSDS) may be required to further mitigate VOC concentrations in soil vapor at the Site to protect future inhabitants of the onsite buildings. The potential for soil vapor intrusion should be re-evaluated as part of Site redevelopment planning.

1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of Maspeth Manager LLC, has prepared this Phase II Environmental Site Assessment (ESA) Summary Letter Report (Report) to characterize the existing environmental conditions for the proposed development at 288 Jackson Street, Brooklyn, New York (the "Site"). The Site is also identified as a portion of Tax Block 2885, Tax Lot 1, on the New York City Tax Map. A Site Location Map is provided as Figure 1.

This Phase II ESA Report describes the environmental investigation activities completed to further characterize potential and existing environmental impacts identified in the Phase I ESA prepared by Roux in October 2019 in order to effectively evaluate the Site conditions as well as to evaluate the eligibility of the Site for consideration for acceptance into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP).

1.1 Property Location and Site Description

The Site consists of one parcel within the East Williamsburg section of Brooklyn. The Site is bounded by Jackson Street to the north, Debevoise Avenue to the east, Kingsland Avenue to the west, and Maspeth Avenue to the south. The Site is bisected by a demapped portion of Skillman Avenue that connects Kingsland Avenue and Debevoise Avenue. The Site has a total area of approximately 160,355 square feet (SF), or 3.68 acres. A Site Plan showing the locations and designations of the current onsite buildings and proposed buildings is included as Figure 2. The Site is currently occupied by three buildings, including the main building (the Barbara Kleiman Residence), which currently operates as a homeless shelter (Building 3). Of the overall former hospital campus, only a portion is the subject of future redevelopment and this investigation. The former main plant building is a 3-story building located in the northern portion of the Site, which is currently utilized for storage of maintenance parts and spare materials (Building 4). A tunnel runs north-south from the cellar of Building 3 to the cellar of Building 4. A vacant building in disrepair is located in the southeast corner of Lot 1 and is identified as the former nurses' quarters associated with the former Greenpoint Hospital (Building 1). A large basement is present underneath the Barbara Kleiman Residence and extends to the northern former main plant building. The basement is currently used for building mechanical systems and storage. Outdated and inactive coal fired furnaces were observed in the basement of the former main plant building. Development in the surrounding area is zoned for mixed-use (residential, commercial, industrial, manufacturing, and open space) development.

1.2 Site History

Based on Roux's review of historical documentation, including aerials and Sanborn Fire Insurance Maps, the Site appears to have been developed as early as 1888 with a 1-story structure. Subsequently, by 1907, the Site consisted of the Loughlin Oval, which appears to be a baseball field with bleachers, a grandstand, and bathrooms. By 1933, the Loughlin Oval had been demolished to construct the Greenpoint Hospital. The 1933 Sanborn Map depicts a total of eight buildings (including the former nurses' quarters) on the overall campus occupying two separate city blocks. In the 1980s, portions of the hospital were converted to use as a shelter and affordable housing. As discussed in Section 1.1, only a portion of the Site is the subject of future redevelopment and this investigation. These areas include the former nurses' quarters (Building 1), the main hospital building (Building 3) with the northern extension (proposed Building 4), the 3-story building / former main plant building (Building 4), and the surrounding roadways and parking areas including the area of the proposed Building 2.

Environmentally sensitive operations were identified at the former Greenpoint Hospital that are the subject of this investigation, including laundry operations in the 3-story building / former main plant building (Building 4) associated with a boiler room ammonia mixer. The scale of the laundry operations is assumed to be large to accommodate patients and bedding associated with the former hospital operations. It is not clear based upon historical information if dry-cleaning was performed onsite; however, the potential exists. Coal storage was also identified within the boiler room in the former main plant building (Building 4).

1.3 Results of the Phase I ESA

In October 2019, Roux completed a Phase I ESA for the Site on behalf of Maspeth Manager LLC. Based on the information gathered during the Phase I ESA process, Roux identified the following recognized environmental conditions (RECs):

- Historical Site Usage: The Site was formerly occupied by the Greenpoint Hospital which operated from the early 1900s to approximately 1987. Operations associated with the hospital included coal storage and combustion for heat generation, a laundry facility, and boiler rooms. These operations may have impacted upon the environmental quality of the Site.
- Historical Offsite Usage: Properties located upgradient of the Site were identified with industrial and automobile-related operations which included multiple automobile body workshops with buried gasoline tanks, multiple scrap metal yards, automobile wrecking, junk yards, and a metal works shop. Database listings for the area surrounding the Site identified petroleum spills at an upgradient BCP site which resulted in offsite groundwater contamination. Based upon the presence and quantity of sites identified in the surrounding area, the historical offsite usage is considered a REC.
- Suspect Presence of a Vapor Encroachment Condition (VEC): Sites identified surrounding and upgradient of the Site were identified with environmentally concerning usages. The specific usages were identified as various auto junk yards, repair shops, automobile wrecking, and metal works sites. A BCP site was also identified upgradient with volatile organic compounds (VOCs) identified in the groundwater and migrating towards the Site. Based upon the density of historical environmental concerns and confirmed upgradient groundwater plume, a VEC cannot be ruled out.

Roux identified the following Business Environmental Risk (BER) that may have a material environmental or environmentally driven impact on the planned use of the Site:

- Suspect Presence of Hazardous Building Materials (HBMs): Due to the age of construction of the buildings (pre-1970s) and visual observations made, lead-based paint (LBP), suspect asbestos-containing materials (ACMs), and mold are considered BERs. Visual evidence of peeling paint and damaged building materials was observed in the former nurses' quarters building located in the southeast corner of the Site.

Roux did not identify any historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs) in connection with the Site during the Phase I ESA.

1.4 Proposed Redevelopment

The following section presents the anticipated proposed redevelopment plans that are the subject of this Phase II ESA.

Building 1 is an existing building with a top of basement slab shown at 11'-9" below the surrounding grade. An extension to Building 1 is planned within the open space located between the north and south building wings. A portion of the basement is being excavated to meet the same final grade as the existing basement

level (11’-9” below the surrounding grade). There are also two new elevators being added with basement access and an elevator pit approximately 5’-6” below the cellar grade.

Proposed Building 2 will be located in the southern portion of the Site in an area that is currently being utilized as a parking lot. The proposed building will include both residential utility rooms and a clinic in the basement. The basement has a proposed cellar slab grade of 12’-0” below the surrounding grade. There are four elevators proposed with cellar access and pits that would go down approximately 5’-6” below the cellar slab grade. This area for the proposed Building 2 is currently a parking lot and landscaped area.

Building 3 is an existing building and the basement slab is estimated to be 9’-6” below the surrounding grade. Two building extensions are planned on the west and east wings of the existing building. Elevators are being added to access the basement level with elevator pits extending approximately 5’-6” below the basement slab.

Building 4 is an existing building that will be demolished. The new building footprint will be approximately the same size as the existing building but the footprint itself will be shifted to the east of the current building location. A new proposed building is planned with residential utility rooms in the basement. The basement has a proposed cellar slab grade of 12’-0” below the surrounding grade. There are two elevators proposed with cellar access and pits that would go down approximately 5’-6” below the cellar slab grade.

2. Methods of Investigation

The following scope of work was conducted between December 7 and 11, 2020 and January 27 to February 3, 2021, to investigate environmental conditions at the Site. A Site Plan showing soil boring, groundwater, and soil vapor sampling locations is included as Figure 2.

2.1 Geophysical Survey

A geophysical survey utilizing ground penetrating radar (GPR) was performed across accessible areas of the Site where intrusive work was anticipated to investigate for the presence of underground utilities or possible underground storage tanks (USTs). The geophysical survey report is included in Appendix A. The GPR survey found that the soil allowed for maximum GPR depth penetration to 5 feet below land surface (ft bls) in most areas. The figure included in Appendix A shows that unknowns, gas lines, and water lines are marked in pink, clay piping is marked in green, steam lines are marked in yellow, and electrical lines are marked in red. The geophysical survey identified suspected unknown piping as well as known or suspected stormwater drain piping and steam, gas, water, and electric utility lines in multiple areas at the Site in the vicinity of anticipated intrusive work which were marked out and documented. Several small (less than 1-foot by 1-foot) anomalies were identified in the northern portion of the Site in areas between the existing buildings. All borings were placed a minimum of two-foot distance from potential subsurface anomalies to avoid conflict with buried items.

2.2 Relocation of Sample Locations

The majority of the soil borings, temporary monitoring wells, and soil vapor points were installed in either the proposed locations or in the immediate vicinity of the proposed locations specified in the Phase II ESA Work Plan prepared by Roux, dated May 15, 2019. However, due to the results of the geophysical survey and Site features identified during the implementation of the Phase II ESA, several of the sampling locations were shifted from their proposed locations. The details and rationale for each shifted sampling location is summarized in the table below.

Sampling Location	Original Proposed Location and Purpose	Movement Description	Movement Rationale
SB-3/TW-3/SV-3	Southwest of existing Building 4, near 8,000-gallon aboveground storage tank (AST); general evaluation of environmental conditions	Moved approximately 16 ft to the south	Original location was over the Building 4 basement, which extends outside of the building superstructure; location was shifted to the south to avoid the building footprint.
SB-10/SV-10	Western side of proposed Building 4 extension; evaluation of environmental conditions beneath the maximum excavation depth for the proposed cellar	Moved approximately 54 ft to the east	Geophysical survey revealed multiple utilities and anomalies near the original location; location was shifted to within the eastern side of the proposed Building 4 extension to avoid underground utilities.
SB-11	Northeastern section of proposed Building 4; evaluation of environmental conditions beneath the maximum excavation depth for the proposed elevator pit	Moved approximately 18 ft to the southeast	Original location was over the former coal storage room of the Building 4 basement; location was shifted to the southeast to avoid the building footprint.

Sampling Location	Original Proposed Location and Purpose	Movement Description	Movement Rationale
SB-2/TW-2/SV-2	Southwest of existing Building 3; general evaluation of environmental conditions	Moved approximately 36 ft to the northwest	Geophysical survey revealed multiple utilities and anomalies near the original location; location was shifted to the northwest to avoid underground utilities.
SB-5/TW-5/SV-5	Northwest of existing Building 1; general evaluation of environmental conditions	Moved approximately 30 ft to the southwest	Utility mark-outs observed in area during investigation, presence of a steep slope to the original location, and limited space to maneuver the drill rig; location was shifted to the southwest to avoid utilities and to operate the drill rig on level ground.
SB-8/SV-8	Southwest of existing Building 1; evaluation of environmental conditions beneath the maximum excavation depth for the proposed cellar	Moved approximately 26 ft to the north	Presence of a tree prevented the drill rig hoist from being able to extend; location was shifted to the north to avoid the overhead conflict.

The approximate locations of all final soil borings, temporary monitoring wells, and soil vapor points are included in Figure 2. A summary of the final sampling locations, rationale, and a brief description of analytical results is included in Table 1.

2.3 Soil Investigation

The scope of work consisted of the installation of 21 total soil borings (SS-1 through SS-9, SB-1 through SB-11, and SV-11). The approximate locations of the soil borings are included in Figure 2. Prior to advancement with a drill rig, 11 of the soil boring locations, SB-1 through SB-11 and one soil vapor boring, SV-11, were cleared to a depth of 5 ft bls using hand tools to prevent damage to potential unmarked subsurface utilities. The remaining nine soil boring locations, SS-1 through SS-9, were advanced to a depth of either 2.5 or 3 ft bls using hand tools. These nine soil boring locations were advanced only to shallow depths because they were either located within the basement of Building 4 or in areas of the Site designated for proposed open spaces, where limited excavation will be required to reach the anticipated redevelopment grades. Once the 12 boring locations were precleared, they were advanced to a final depth of between 14 and 40 ft bls (depending on the observed depth to groundwater and the investigative requirements of each boring location) using a track mounted Geoprobe drill rig. Soil from each of the borings was visually inspected for evidence of impacts and screened for organic vapors in the field using a PID. Soil lithology was recorded in accordance with the Unified Soils Classification System (USCS).

Roux collected a total of 32 soil samples, as well as two additional duplicate soil samples for quality assurance/quality control (QA/QC) purposes, from 20 of the soil borings. No soil samples were collected from the SV-11 boring, as the sole purpose of this soil boring location was to investigate soil vapor quality conditions in the vicinity of Building 3. One to three soil samples were collected from each boring and submitted for laboratory analysis. One sample was collected from the shallow subsurface soil (0 to 2 ft bls, 0.5 to 2.5 ft bls, or 1 to 3 ft bls depending on the presence and thickness of asphalt, concrete, and sub-base material) from each of the 20 soil borings, and one sample was collected from the two-foot interval above the observed groundwater table from 11 of the soil borings. The shallow subsurface soil samples were collected from below the observed sub-base; all asphalt and other sub-base materials were discarded and excluded from the samples. A third sample was collected from an intermediate sampling interval at soil

boring SB-1 to investigate soil quality conditions below the maximum excavation depth for the proposed elevator pit. The two duplicate soil samples were collected from soil samples SS-4_1-3 and SB-7_18-20 for QA/QC procedures.

2.4 Groundwater Investigation

Roux installed five temporary monitoring wells (TW-1 through TW-5) within five soil boring locations, SB-1 through SB-5. Temporary monitoring wells TW-1 through TW-5 were 1-inch diameter wells. The approximate locations of the temporary groundwater monitoring wells are included in Figure 2. Groundwater was encountered at depths ranging from approximately 22 to 29 ft bls across the Site (depending on the surface elevation of the soil boring), with an average depth of approximately 26 ft bls.

The temporary monitoring wells were constructed with 10 to 15 feet of 1-inch diameter, 0.010-inch slot polyvinyl chloride (PVC) screen to straddle the water table.

Before the groundwater sampling round was initiated, all wells were gauged to determine the depth to water using an electronic interface probe (EIP). During the groundwater sampling event, groundwater monitoring wells were purged at a low-flow rate to minimize drawdown, and field parameters (pH, temperature, turbidity, conductivity, oxidation-reduction potential [ORP], and dissolved oxygen) were collected concurrently. Once drawdown and the field parameters stabilized, one groundwater sample was collected at each of the five temporary monitoring wells for laboratory analysis. One duplicate groundwater sample was collected from TW-4 for QA/QC procedures.

2.5 Soil Vapor Investigation

Ten of the 21 soil borings were converted to temporary soil vapor points (SB-1/SV-1, SB-2/SV-2, SB-2/SV-3, SB-4/SV-4, SB-5/SV-5, SB-6/SV-6, SB-7/SV-7, SB-8/SV-8, SB-9/SV-9, and SB-10/SV-10) for soil vapor sampling within the respective soil boring locations and one soil vapor point (SV-11) was installed for soil vapor evaluation in the vicinity of Building 3. Two sub-slab soil vapor sampling locations, SV-12 and SV-13 were installed below the basement slab of Building 4. The approximate locations of the 13 soil vapor points are shown in Figure 2. One duplicate soil vapor sample was collected from the SV-4 location for QA/QC procedures. Soil vapor points SV-1 through SV-11 were installed at either specific depths related to the proposed redevelopment of the Site or approximately two feet above the perched groundwater table (observed at depths ranging from approximately 5 to 18 ft bls) to avoid compromising the soil vapor samples by the inadvertent introduction of moisture into the samples. At the SV-1 through SV-11 soil vapor locations, a six-inch stainless-steel screen was installed by hand with Teflon-lined sampling tubing extending to the surface. The annular space surrounding the screens was backfilled with clean sand and 3.5 ft thick bentonite slurry seals were installed just above the soil vapor sampling zones to prevent ambient air infiltration. The remainder of the boreholes were backfilled to grade with clean sand. The SV-12 and SV-13 sub-slab soil vapor points were installed using prefabricated stainless-steel vapor pins attached to Teflon-lined sampling tubing.

Prior to sample collection, the integrity of each soil vapor sampling point seal was checked as a QA/QC measure in accordance with the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York to verify that the soil vapor samples were not compromised by the inadvertent introduction of ambient air into the samples. Soil vapor was purged from each point using an air pump calibrated to approximately 0.2 liters per minute while the sampling points were covered at the surface with a small

enclosure that was partially filled with helium. The soil vapor discharging from the air pump and the air within the enclosures were continuously monitored for helium during purging.

Soil vapor samples were collected using batch certified vacuum canisters equipped with laboratory-supplied, two-hour regulators for VOC analysis.

2.6 Ash Investigation

Two ash samples, one grab sample and one composite sample, were collected from the furnaces associated with the former operations located in the basement of Building 4 to evaluate the potential for contaminants in ash and other incineration debris. A total of eight furnaces are present in the basement of the former main plant building. Six of the eight furnaces were accessible during this investigation, and two of the furnaces were inaccessible. The ash and incineration debris present in the accessible furnaces was screened for organic vapors using a PID, yielding readings of between 0.3 and 0.4 parts per million (ppm). The composite sample was collected from the accessible six furnaces. The grab sample was collected from the furnace that contained the most significant amount of ash, as no evidence of odor, staining, or elevated PID readings were recorded during the inspection of the furnace materials.

2.7 Laboratory Analysis

Soil, groundwater, and ash samples were analyzed at Eurofins TestAmerica of Edison, New Jersey and soil vapor samples were analyzed at Eurofins TestAmerica of Burlington, Vermont, both of which are NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratories. Soil samples were analyzed for target compound list (TCL) VOCs, TCL semivolatile organic compounds (SVOCs), Target Analyte List (TAL) metals and mercury, pesticides, and polychlorinated biphenyls (PCBs). Groundwater samples were analyzed for TCL VOCs, TCL SVOCs, TAL total and dissolved (filtered) metals, pesticides, and PCBs. Soil vapor samples were analyzed for VOCs using United States Environmental Protection Agency (USEPA) Method TO-15. The ash grab sample was analyzed for VOCs. The ash composite sample was analyzed for SVOCs, pesticides, herbicides, TAL metals and mercury, PCBs, hexavalent and trivalent chromium, total cyanide, Toxicity Characteristic Leaching Procedure (TCLP) VOCs, TCLP SVOCs, TCLP herbicides, TCLP pesticides, TCLP metals and mercury, Resource Conservation and Recovery Act (RCRA) characteristics (ignitability, reactive cyanide, reactive sulfide, and corrosivity), and paint filter.

3. Phase II ESA Results

Work completed as part of this Phase II ESA included the collection of soil, groundwater, and soil vapor samples. An overview of Site geology and hydrogeologic conditions, followed by an evaluation of the environmental media sampling results is provided below. Soil boring logs developed for each location are provided in Appendix B. Laboratory analytical data is provided in Appendix C.

3.1 Site Geology

Soil borings were advanced to depths ranging between 2.5 and 40 ft bls. The majority of the Site was paved with a layer of asphalt approximately 3 inches in thickness. The asphalt was underlain by a layer of sub-base material, consisting of a mix of soil, gravel, silt, concrete, and asphalt, ranging from approximately 6 to 9 inches in thickness. Portions of the Site (sidewalks and building foundations) were developed with a layer of concrete approximately 3 inches in thickness. The concrete was also underlain by a layer of sub-base material (similar to sub-base material observed beneath the asphalt layer throughout the Site), ranging from approximately 6 to 9 inches in thickness. Select areas of the southern portion of the Site had not been covered and consisted of exposed soil and grasses. A historic fill layer, ranging in thickness from approximately 0 to 15 ft (depending on the surface elevation of the boring), with an average depth of 4.5 ft bls, was comprised of a mixture of sand, gravel, silt, cobble, concrete, ash, brick, slag, and asphalt. Beneath the historic fill, the subsurface was predominantly comprised of fine to medium sand and silt with some coarse sand and fine to coarse gravel. Clay lenses, including sandy, silty, and low to high plasticity clay, were observed Site-wide ranging in thickness from approximately 0.5 to 19 ft thick (average thickness of approximately 6 ft), and ranging in depth from between 3 to 29.5 ft bls. Soil boring logs detailing the lithology from the soil borings advanced at the Site are provided in Appendix B.

3.2 Site Hydrogeology

Intervals of perched groundwater were observed atop the clay lenses Site-wide. The perched groundwater ranged in thickness from approximately 0.25 to 7 ft thick (average thickness of approximately 3.5 ft). Perched groundwater was observed beginning at depths ranging from 13 to 20 ft bls. Groundwater was encountered at depths ranging from approximately 22 to 29 ft bls across the Site (depending on the surface elevation of the soil boring), with an average depth of approximately 26 ft bls compared to the average surface elevation of the Site. The presumed regional groundwater flow direction in the vicinity of the Site is to the northeast, toward Newtown Creek.

3.3 Soil Investigation Analytical Results

A total of 32 soil samples were collected for laboratory analysis, as well as two duplicate soil samples collected for QA/QC purposes. Petroleum staining and odor was observed in one of the 21 soil boring locations, SS-4, from 1 to 3 ft bls. Elevated PID readings were noted in soil boring SS-4 related to the petroleum staining and odor with PID readings ranging from 15 to 751.8 ppm. Although petroleum staining and odor was noted in soil boring SS-4, the soil sample collected from within this impacted soil interval did not have elevated VOC analytical results.

The concentrations of VOCs, SVOCs, metals, pesticides, and PCBs in soil were compared to the NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted-Residential Soil Cleanup Objectives (RRSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) and are provided in Tables 2 through 6. Exceedances of these standards for all analytes are shown in Figure 3. The UUSCOs

are the most stringent NYSDEC standard for soil, the RRSCOs are the applicable cleanup objective as the anticipated redevelopment of the Site is for residential uses including low-income, very low-income housing, and a new homeless shelter, and the PGWSCOs address the potential for residual soil contamination to leach and act as a long-term source of groundwater contamination. Soil boring logs are provided in Appendix B and laboratory analytical reports are provided in Appendix C.

VOCs

All VOC concentrations in soil were below the UUSCOs, RRSCOs, and PGWSCOs with the exception of acetone detected at a concentration above the UUSCOs and PGWSCOs in two soil samples, SB-3_1-3 and SS-7_0.5-2.5. Acetone is a common laboratory contaminant at low concentrations and is likely not indicative of soil contamination at the Site. No VOCs were detected at concentrations above the RRSCOs in any of the soil samples.

Laboratory analytical data for the exceedances of the soil cleanup objectives (SCOs) for VOCs are summarized in the table below.

Analyte	Number of Exceedances	Samples Yielding SCO Exceedance	Concentrations (mg/kg or ppm)	SCOs (mg/kg or ppm)
Acetone	UUSCOs: 2 RRSCOs: 0 PGWSCOs: 2	SB-3_1-3 SS-7_0.5-2.5	0.058 0.081	UUSCO: 0.05 RRSCO: 100 PGWSCO: 0.05

SVOCs

At least one of the following eight SVOCs (predominantly polycyclic aromatic hydrocarbons [PAHs]), 2-methylphenol (o-cresol), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, or indeno(1,2,3-c,d)pyrene, were detected at concentrations above the UUSCOs in five soil samples, SB-1_0-2, SB-4_1-3, SB-10_1-3, SS-6_0.5-2.5, and SS-7_0.5-2.5. At least one of the following five SVOCs, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, or indeno(1,2,3-c,d)pyrene, were detected at concentrations above the RRSCOs in four soil samples, SB-1_0-2, SB-4_1-3, SB-10_1-3, and SS-6_0.5-2.5. At least one of the following four SVOCs, 2-methylphenol (o-cresol), benzo(a)anthracene, benzo(b)fluoranthene, or chrysene, were detected at concentrations above the PGWSCOs in four soil samples, SB-4_1-3, SB-10_1-3, SS-6_0.5-2.5, and SS-7_0.5-2.5. The five soil samples yielding exceedances of the SCOs for SVOCs were shallow soil samples, indicating that SVOC contamination is in shallow soils and soil directly underneath the existing building footprints. SVOC contamination was not present in the deeper soil samples. The observed concentrations of SVOCs in shallow soil at the Site are typical of contamination associated with historic fill and are likely directly related to the historic fill observed Site-wide.

Laboratory analytical data for the exceedances of the SCOs for SVOCs are summarized in the table below.

Analyte	Number of Exceedances	Samples Yielding SCO Exceedance	Concentrations (mg/kg or ppm)	SCOs (mg/kg or ppm)
2-Methylphenol (O-Cresol)	UUSCOs: 1 RRSCOs: 0 PGWSCOs: 1	SS-7_0.5-2.5	0.38	UUSCO: 0.33 RRSCO: 100 PGWSCO: 0.33
Benzo(A)Anthracene	UUSCOs: 3 RRSCOs: 3 PGWSCOs: 3	SB-4_1-3 SB-10_1-3 SS-6_0.5-2.5	3.4 2.6 2.8	UUSCO: 1 RRSCO: 1 PGWSCO: 1

Analyte	Number of Exceedances	Samples Yielding SCO Exceedance	Concentrations (mg/kg or ppm)	SCOs (mg/kg or ppm)
Benzo(A)Pyrene	UUSCOs: 3 RRSCOs: 3 PGWSCOs: 0	SB-4_1-3 SB-10_1-3 SS-6_0.5-2.5	3.1 2.5 2	UUSCO: 1 RRSCO: 1 PGWSCO: 22
Benzo(B)Fluoranthene	UUSCOs: 4 RRSCOs: 4 PGWSCOs: 3	SB-1_0-2 SB-4_1-3 SB-10_1-3 SS-6_0.5-2.5	1.1 3.9 2.6 2.5	UUSCO: 1 RRSCO: 1 PGWSCO: 1.7
Benzo(K)Fluoranthene	UUSCOs: 3 RRSCOs: 0 PGWSCOs: 0	SB-4_1-3 SB-10_1-3 SS-6_0.5-2.5	1.2 0.89 1	UUSCO: 0.8 RRSCO: 3.9 PGWSCO: 1.7
Chrysene	UUSCOs: 3 RRSCOs: 0 PGWSCOs: 3	SB-4_1-3 SB-10_1-3 SS-6_0.5-2.5	2.8 2.5 2.8	UUSCO: 1 RRSCO: 3.9 PGWSCO: 1
Dibenz(A,H)Anthracene	UUSCOs: 3 RRSCOs: 3 PGWSCOs: 0	SB-4_1-3 SB-10_1-3 SS-6_0.5-2.5	0.43 0.36 0.42	UUSCO: 0.33 RRSCO: 0.33 PGWSCO: 1000
Indeno(1,2,3-C,D)Pyrene	UUSCOs: 4 RRSCOs: 4 PGWSCOs: 0	SB-1_0-2 SB-4_1-3 SB-10_1-3 SS-6_0.5-2.5	0.53 1.6 1.1 1.2	UUSCO: 0.5 RRSCO: 0.5 PGWSCO: 8.2

Metals

At least one of the following eight metals, arsenic, total chromium, copper, lead, manganese, mercury, nickel, or zinc, were detected at concentrations above the UUSCOs in 18 of the soil samples. At least one of the following three metals, arsenic, lead, or mercury, were detected at concentrations above the RRSCOs in four soil samples, SB-1_0-2, SB-3_1-3, SB-10_1-3, and SB-11_1-3. Concentrations of arsenic and/or mercury exceeded the PGWSCOs in three soil samples, SB-3_1-3, SB-10_1-3, and SB-11_1-3. Sixteen of the 18 soil samples yielding exceedances of the SCOs for metals were shallow soil samples, indicating that metal contamination in soil at the Site is more widespread in shallow soil and soil directly underneath the existing building footprints, and that deeper soil tends to contain lower concentrations of metals. The two deeper soil samples that yielded exceedances of the SCOs for metals were SB-3_19-21 and SB-5_25-27. The observed concentrations of metals in shallow soil at the Site are typical of contamination associated with historic fill and are likely directly related to the historic fill observed Site-wide. However, several of the metals detected during this investigation are naturally occurring components of soil and may indicate general background conditions.

Laboratory analytical data for the exceedances of the SCOs for metals are summarized in the table below.

Analyte	Number of Exceedances	Samples Yielding SCO Exceedance	Concentrations (mg/kg or ppm)	SCOs (mg/kg or ppm)
Arsenic	UUSCOs: 1 RRSCOs: 1 PGWSCOs: 1	SB-11_1-3	18.1	UUSCO: 13 RRSCO: 16 PGWSCO: 16
Total Chromium	UUSCOs: 3 RRSCOs: 0 PGWSCOs: 0	SB-3_19-21 SS-3_1-3 SS-5_0.5-2.5	31.1 32.4 132	UUSCO: 30 RRSCO: 180 PGWSCO: No SCO

Analyte	Number of Exceedances	Samples Yielding SCO Exceedance	Concentrations (mg/kg or ppm)	SCOs (mg/kg or ppm)
Copper	UUSCOs: 11 RRSCOs: 0 PGWSCOs: 0	SB-1_0-2 SB-2_1-3 SB-3_1-3 SB-4_1-3 SB-5_0-2 SB-7_0-2 SB-8_0-2 SB-9_0-2 SS-2_1-3 SS-5_0.5-2.5 SS-7_0.5-2.5	70.6 131 101 72.8 94.8 126 80 135 63.2 52.3 123	UUSCO: 50 RRSCO: 270 PGWSCO: 1,720
Lead	UUSCOs: 12 RRSCOs: 1 PGWSCOs: 0	SB-1_0-2 SB-2_1-3 SB-3_1-3 SB-4_1-3 SB-5_0-2 SB-6_1-3 SB-7_0-2 SB-8_0-2 SB-9_0-2 SB-11_1-3 SS-2_1-3 SS-9_1-3	435 166 251 164 207 88.2 261 104 186 133 183 116	UUSCO: 63 RRSCO: 400 PGWSCO: 450
Manganese	UUSCOs: 1 RRSCOs: 0 PGWSCOs: 0	SB-5_0-2	1740	UUSCO: 1,600 RRSCO: 2,000 PGWSCO: 2,000
Mercury	UUSCOs: 12 RRSCOs: 3 PGWSCOs: 3	SB-1_0-2 SB-2_1-3 SB-3_1-3 SB-3_19-21 SB-5_0-2 SB-5_25-27 SB-7_0-2 SB-8_0-2 SB-9_0-2 SB-10_1-3 SB-11_1-3 SS-2_1-3	0.29 0.39 1.1 0.41 0.27 0.23 0.41 0.44 0.48 1.8 1 0.24	UUSCO: 0.18 RRSCO: 0.81 PGWSCO: 0.73
Nickel	UUSCOs: 2 RRSCOs: 0 PGWSCOs: 0	SS-5_0.5-2.5 SS-7_0.5-2.5	31.6 58	UUSCO: 30 RRSCO: 310 PGWSCO: 130

Analyte	Number of Exceedances	Samples Yielding SCO Exceedance	Concentrations (mg/kg or ppm)	SCOs (mg/kg or ppm)
Zinc	UUSCOs: 9 RRSCOs: 0 PGWSCOs: 0	SB-1_0-2 SB-2_1-3 SB-3_1-3 SB-4_1-3 SB-5_0-2 SB-7_0-2 SB-8_0-2 SS-2_1-3 SS-7_0.5-2.5	130 163 242 114 158 205 149 336 309	UUSCO: 109 RRSCO: 10,000 PGWSCO: 2,480

Pesticides

At least one of the following three pesticides, P,P'-DDD, P,P'-DDE, or P,P'-DDT, were detected at concentrations above the UUSCOs in seven of the soil samples. Pesticides were not detected at concentrations above the RRSCOs or PGWSCOs in any of the soil samples. The seven soil samples yielding exceedances of the SCOs for pesticides were shallow soil samples, indicating that pesticide contamination is present in shallow soil at the Site and not in the deeper soils.

Laboratory analytical data for the exceedances of the SCOs for pesticides are summarized in the table below.

Analyte	Number of Exceedances	Samples Yielding SCO Exceedance	Concentrations (mg/kg or ppm)	SCOs (mg/kg or ppm)
P,P'-DDD	UUSCOs: 3 RRSCOs: 0 PGWSCOs: 0	SB-2_1-3 SB-3_1-3 SB-10_1-3	0.0037 J 0.041 0.0063 J	UUSCO: 0.0033 RRSCO: 13 PGWSCO: 14
P,P'-DDE	UUSCOs: 4 RRSCOs: 0 PGWSCOs: 0	SB-3_1-3 SB-5_0-2 SB-9_0-2 SB-11_1-3	0.035 0.011 0.014 0.0057 J	UUSCO: 0.0033 RRSCO: 8.9 PGWSCO: 17
P,P'-DDT	UUSCOs: 4 RRSCOs: 0 PGWSCOs: 0	SB-3_1-3 SB-5_0-2 SB-7_0-2 SB-9_0-2	0.046 0.021 0.0048 J 0.032	UUSCO: 0.0033 RRSCO: 7.9 PGWSCO: 136

PCBs

Concentrations of PCBs were not detected above laboratory standards, UUSCOs, RRSCOs, or PGWSCOs in any of the soil samples.

3.4 Groundwater Investigation Analytical Results

Five groundwater samples were collected for laboratory analysis, as well as one duplicate groundwater sample collected for QA/QC purposes. The concentrations of VOCs, SVOCs, total metals, dissolved metals, pesticides, and PCBs in groundwater samples collected at the Site were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs) and are provided in Tables 7 through 11.

Exceedances of all compounds are included in Figure 4. Laboratory analytical reports are provided in Appendix C.

VOCs

All VOC concentrations detected were below the AWQSGVs with the exception of two chlorinated volatile organic compounds (CVOCs), tetrachloroethylene (PCE) and trichloroethylene (TCE), which were detected at concentrations above the AWQSGVs in one groundwater sample, TW-4. PCE and TCE were also detected in the duplicate groundwater sample collected from TW-4, with the concentration of PCE falling below the AWQSGV and the concentration of TCE exceeding the AWQSGV. PCE and TCE, as well as several other CVOCs and VOCs, including tert-butyl methyl ether, cis-1,2-dichloroethylene, chloromethane, 1,1-dichloroethene, and 1,1-dichloroethane, were detected at concentrations below the AWQSGVs at TW-1, TW-2, TW-4, and TW-5. The observed concentrations of CVOCs in groundwater at the Site are likely associated with the former Greenpoint Hospital laundry operations .

Laboratory analytical data for the exceedances of the AWQSGVs for VOCs are summarized in the table below.

Analyte	Number of Exceedances	Samples Yielding AWQSGV Exceedance	Concentrations (µg/L)	AWQSGV (µg/L)
Tetrachloroethylene (PCE)	AWQSGVs:1	TW-4	7.5	AWQSGV: 5
Trichloroethylene (TCE)	AWQSGVs:1	TW-4	9.9	AWQSGV: 5

SVOCs

Concentrations of SVOCs were not detected above laboratory standards or the AWQSGVs in any of the groundwater samples.

Metals

Concentrations of at least one of the following six metals, iron, lead, magnesium, manganese, selenium, and sodium, exceeded the AWQSGVs in the five total metals groundwater samples collected, TW-1 through TW-5. Concentrations of at least one of the following five metals, iron, magnesium, manganese, selenium, and sodium, exceeded the AWQSGVs in the five dissolved metals groundwater samples collected. Iron, manganese, magnesium, and sodium are naturally occurring components of groundwater throughout the region and are not indicative of groundwater contamination at the Site.

Laboratory analytical data for the exceedances of the AWQSGVs for metals are summarized in the table below.

Analyte	Number of Exceedances	Samples Yielding AWQSGV Exceedance	Concentrations (µg/L)	AWQSGV (µg/L)
Iron, Total	AWQSGVs: 4	TW-1 TW-2 TW-3 TW-5	1,700 28,000 13,000 3,920	AWQSGV: 300
Iron, Dissolved	AWQSGVs: 1	TW-2	4,250	AWQSGV: 300
Lead, Total	AWQSGVs: 1	TW-3	31.4	AWQSGV: 25

Analyte	Number of Exceedances	Samples Yielding AWQSGV Exceedance	Concentrations (µg/L)	AWQSGV (µg/L)
Magnesium, Total	AWQSGVs: 1	TW-2	44,400	AWQSGV: 35,000
Magnesium, Dissolved	AWQSGVs: 1	TW-2	43,500	AWQSGV: 35,000
Manganese Total	AWQSGVs: 4	TW-1 TW-2 TW-4 TW-5	458 1,840 498 458	AWQSGV: 300
Manganese, Dissolved	AWQSGVs: 4	TW-1 TW-2 TW-4 TW-5	424 1,630 415 415	AWQSGV: 300
Selenium, Total	AWQSGVs: 1	TW-3	12.3	AWQSGV: 10
Selenium, Dissolved	AWQSGVs: 1	TW-3	14.3	AWQSGV: 10
Sodium, Total	AWQSGVs: 4	TW-2 TW-3 TW-4 TW-5	111,000 244,000 81,600 36,700	AWQSGV: 20,000
Sodium, Dissolved	AWQSGVs: 4	TW-2 TW-3 TW-4 TW-5	105,000 257,000 82,100 69,700	AWQSGV: 20,000

Pesticides

Concentrations of pesticides were not detected above laboratory standards or the AWQSGVs in any of the groundwater samples.

PCBs

Concentrations of PCBs were not detected above laboratory standards or the AWQSGVs in any of the groundwater samples.

3.5 Soil Vapor Investigation Analytical Results

Soil vapor samples were collected from 13 locations. Two of the soil vapor samples were sub-slab samples and were collected from below the slab of the Building 4 basement. One duplicate soil vapor sample was collected from the SV-4 location for QA/QC purposes. The soil vapor analytical data is provided in Table 12 and detections of all compounds are shown in Figure 5. Laboratory analytical reports are provided in Appendix C.

Soil vapor samples were collected from thirteen locations across the Site. Concentrations of VOCs in soil vapor were detected above laboratory reporting limits at all sampling locations and included petroleum-related compounds and CVOCs. Petroleum-related VOCs, including, but not limited to, benzene, toluene, ethylbenzene, and xylenes, were detected within all samples; however, there are no standards or guidance values for these compounds set by the NYSDEC or the NYSDOH. Petroleum-related VOC concentrations were generally highest at the SV-10 soil vapor sample location, and CVOC concentrations were highest at the SV-11 soil vapor sampling location.

The May 2017 updates to the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in New York State provide three matrices with guidance values for sub-slab and indoor air comparison for eight CVOCs, carbon tetrachloride, cis-1,2-dichloroethene, 1,1-dichloroethene, TCE, PCE, 1,1,1-trichloroethane (TCA), methylene chloride, and vinyl chloride. The concentrations considered in the matrices are intended for sub-slab vapor beneath an existing building and indoor air within the building, and therefore a direct comparison cannot be made to the data collected during this investigation as no indoor air samples were collected. However, the matrices can still be used as an evaluation for the presence of these compounds in soil vapor.

Matrix A Compounds: carbon tetrachloride, cis-1,2-dichloroethene, 1,1-dichloroethene, and TCE with a recommendation threshold to mitigate if sub-slab soil vapor concentrations are 60 micrograms per cubic meter (µg/m^3) or above (regardless of indoor air concentrations).

- Carbon tetrachloride was detected at concentrations ranging from 0.21 J to 0.47 µg/m^3 at seven sampling locations, with the highest detection at SV-3.
- Cis-1,2-dichloroethene was detected at concentrations ranging from 0.57 to 28 µg/m^3 at two sampling locations, with the highest detection at SV-11.
- 1,1-dichloroethene was detected at concentrations ranging from 0.22 to 290 µg/m^3 at three sampling locations, with the highest detection at SV-11.
- TCE was detected at concentrations ranging from 0.23 to 300 µg/m^3 at 10 sampling locations, with the highest detection at SV-11.

Matrix B Compounds: PCE, TCA, and methylene chloride with a recommendation threshold to mitigate if sub-slab soil vapor concentrations are 1,000 µg/m^3 or above (regardless of indoor air concentrations).

- PCE was detected at concentrations ranging from 1.5 to 730 µg/m^3 at 12 sampling locations, with the highest detection at SV-11.
- TCA was detected at concentrations ranging from 0.39 J to 23 µg/m^3 at nine sampling locations, with the highest detection at SV-6.
- Methylene chloride was detected at a concentration of 1 J µg/m^3 at two sampling locations, SV-4 and SV-12.

Matrix C Compound: vinyl chloride with a recommendation threshold to mitigate if sub-slab soil vapor concentrations are 60 µg/m^3 or above (regardless of indoor air concentrations).

- Vinyl chloride was detected at a concentration of 0.21 µg/m^3 at one sampling location, SV-4.

The observed concentrations of VOCs and CVOCs in soil vapor at the Site are likely associated with former Site operations, including laundry operations, completed onsite in support of the former Greenpoint Hospital. The Matrix A concentrations for 1,1-dichloroethene and TCE were above the threshold recommendations to mitigate at location SV-11. The concentrations of the Matrix B and Matrix C compounds were all below the threshold recommendations to mitigate.

3.6 Ash Investigation Analytical Results

Two ash samples, one grab sample and one composite sample, were collected from the furnaces associated with the former operations at the Site located in the basement of Building 4 to evaluate the potential for contaminants in ash and other incineration debris. The grab sample was analyzed for VOCs. The composite sample was analyzed for SVOCs, pesticides, herbicides, TAL metals and mercury, PCBs,

hexavalent and trivalent chromium, total cyanide, TCLP VOCs, TCLP SVOCs, TCLP herbicides, TCLP pesticides, TCLP metals and mercury, RCRA characteristics (ignitability, reactive cyanide, reactive sulfide, and corrosivity), and paint filter. The ash analytical data is provided in Tables 13 through 22. Laboratory analytical reports are provided in Appendix C.

The VOC, SVOC, metals and mercury, PCB, pesticides, herbicides, and general chemistry/RCRA characteristic data for the ash samples was compared to the NYSDEC UUSCOs and RRSCOs to evaluate the presence of contaminants that may complicate future offsite disposal. The TCLP VOC, TCLP SVOC, TCLP metals and mercury, TCLP pesticides, and TCLP herbicides were compared to the USEPA Regulatory Levels to assess the potential for the presence of hazardous concentrations of contaminants in ash and incineration debris.

There were no detections of VOCs, SVOCs, pesticides, herbicides, or PCBs above the UUSCOs or RRSCOs. One metal, arsenic, was detected at a concentration of 26.9 mg/kg, which exceeds the UUSCO and RRSCO of 13 mg/kg and 16 mg/kg, respectively. There were no detections of TCLP compounds above the USEPA Regulatory Levels, indicating that the ash and incineration debris present in the basement of Building 4 is non-hazardous.

4. Conclusions and Recommendations

The Phase II ESA results indicate the presence of SVOCs and metals above the RRSCOs in shallow soils but not in soils above the groundwater table. The perched groundwater table encountered during the investigation may be functioning as a confining layer influencing the soil, groundwater, and soil vapor results. There was field evidence (odor, staining, and elevated PID readings) of petroleum impacts at one soil boring location located in Building 4 that will need to be considered during the offsite disposal of this material. Groundwater was generally not impacted, the CVOCs - PCE and TCE were detected at concentrations above the AWQSGVs in one groundwater sample, TW-4. The following metals were also detected at concentrations above the AWQSGVs, iron, magnesium, manganese, selenium, and sodium in both the total (unfiltered) and dissolved (filtered) groundwater samples. Iron, manganese, magnesium, and sodium are naturally occurring components of groundwater throughout the region and are not indicative of groundwater contamination at the Site. Due to elevated concentrations of petroleum related VOCs and CVOCs in soil vapor at the Site, specifically at SV-6 (area of proposed Building 2) and SV-11 (south of existing Building 3 entrance), it is likely that mitigation measures may be required during redevelopment.

Based on the results of the investigation, there are impacts to soil, groundwater, and soil vapor at the Site. Based on the results of the Phase II ESA, Roux recommends implementing the remediation and environmental control measures listed below for redevelopment of the Site:

- Prior to construction activities, a Site-specific Construction Health and Safety Plan (CHASP) and a Remedial Action Plan (RAP) should be prepared for New York City Department of Environmental Protection (NYCDEP) approval and implemented during development activities to protect construction workers and the surrounding community from exposure to Site contamination.
- The completion of *in situ* waste characterization sampling prior to the start of excavation to characterize the soil so that disposal facilities can be identified in advance to ensure proper soil disposal. *In situ* waste characterization will also aid in timing for the project because it will eliminate the need to stockpile soil and allow for live loading from the excavation areas into trucks for offsite disposal.
- The comparison of soil vapor results to the NYSDOH matrix compounds indicates that a mitigation action may be necessary to prevent potential soil vapor intrusion. Based on the concentrations of VOCs present in soil vapor, the inclusion of a vapor barrier into the design of the foundation of the proposed buildings may be warranted. If deemed necessary by the NYSDEC, the implementation of a sub-slab depressurization system (SSDS) may be required to further mitigate VOC concentrations in soil vapor at the Site to protect future inhabitants of the onsite buildings. The potential for soil vapor intrusion should be re-evaluated as part of Site redevelopment planning.

Respectfully submitted,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

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TABLES

Notes Utilized Throughout Tables	
Soil Tables	
J -	Estimated value
U -	Indicates that the compound was analyzed for but not detected
B -	The analyte was found in an associated blank as well as in the sample
P -	The RPD between the results for the two columns exceeds the method-specified criteria
RPD -	Relative Percent Difference
T -	Indicates that a quality control parameter has exceeded laboratory limits
ft bls -	Feet below land surface
FD -	Duplicate sample
mg/kg -	Milligrams per kilogram
mm/sec -	Millimeters per second
mL/100g -	Milliliters per 100 grams
deg c -	Degrees Celsius
NYSDEC -	New York State Department of Environmental Conservation
SCO -	Soil Cleanup Objectives
--	No SCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO	
Shaded data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO	
Red data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO	
Groundwater Tables	
J -	Estimated Value
U -	Compound was analyzed for but not detected
B -	The analyte was found in an associated blank as well as in the sample
T -	Indicates that a quality control parameter has exceeded laboratory limits
FD -	Duplicate sample
µg/L -	Micrograms per liter
NYSDEC -	New York State Department of Environmental Conservation
AWQSGVs -	Ambient Water-Quality Standards and Guidance Values
--	No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs	
Soil Vapor Tables	
J -	Estimated value
U -	Indicates that the compound was analyzed for but not detected
B -	The analyte was found in an associated blank as well as in the sample
D -	A secondary analysis after dilution due to exceedance of the calibration range in the original sample.
FD -	Duplicate sample
ug/m3 -	Micrograms per cubic meter
Bold data indicates that parameter was detected	
TCLP Tables	
mg/L -	Milligrams per liter
USEPA -	United States Environmental Protection Agency
TCLP -	Toxicity Characteristic Leaching Procedure
USEPA Regulatory Levels - United States Environmental Protection Agency Limits for RCRA Characteristic Waste for Toxicity	
RCRA -	Resource Conservation and Recovery Act
Bold -	Parameter was detected above USEPA Regulatory Levels

Table 1. Sampling Locations, Rationale, and Analytical Results Summary

Building	Sample Location	Sample Matrix	Sample Intervals	Total Depth	Rationale	Analytical Results
1	SB-5	Soil	0-2 ft bls	40 ft bls	Evaluate soil quality within shallow soils and above the water table.	UUSCO exceedances for metals and pesticides.
			25-27 ft bls			UUSCO exceedances for metals.
	SB-8	Soil	0-2 ft bls	15 ft bls	Evaluate soil quality within shallow soils and beneath the maximum excavation depth below the proposed cellar.	UUSCO exceedances for metals.
			12-14 ft bls			No exceedances.
	SB-9	Soil	0-2 ft bls	20 ft bls	Evaluate soil quality within shallow soils and beneath the maximum excavation depth below the proposed elevator pit.	UUSCO exceedances for metals and pesticides.
			18-20 ft bls			No exceedances.
	TW-5	Groundwater	25-35 ft bls	40 ft bls	Evaluate onsite groundwater quality.	AWQSGV exceedances for metals.
	SV-5	Soil Vapor	11.5-12 ft bls	40 ft bls	Generally characterize the soil vapor quality in the vicinity of Building 1.	No signficant concentrations of VOCs.
	SV-8	Soil Vapor	12-12.5 ft bls	15 ft bls	Generally characterize the soil vapor quality in the vicinity of Building 1.	Elevated concentrations of select VOCs.
	SV-9	Soil Vapor	18-18.5 ft bls	20 ft bls	Generally characterize the soil vapor quality in the vicinity of Building 1.	Elevated concentrations of select VOCs.
2	SB-1	Soil	0-2 ft bls	40 ft bls	Evaluate soil quality within shallow soils, beneath the maximum excavation depth below the proposed elevator pit, and above the water table.	UUSCO and RRSCO exceedances for SVOCs and metals.
			18-20 ft bls			No exceedances.
			21-23 ft bls			No exceedances.
	SB-6	Soil	1-3 ft bls	14 ft bls	Evaluate soil quality in both shallow soils and beneath the maxiumum excavation depth below the proposed cellar.	UUSCO exceedances for metals.
			12-14 ft bls			No exceedances.
	SB-7	Soil	0-2 ft bls	20 ft bls	Evaluate soil quality in both shallow soils and beneath the maxiumum excavation depth below the proposed elevator pit.	UUSCO exceedances for metals and pesticides.
			18-20 ft bls			No exceedances.
	TW-1	Groundwater	21-31 ft bls	40 ft bls	Evaluate onsite groundwater quality.	AWQSGV exceedances for metals.
	SV-1	Soil Vapor	11-11.5 ft bls	40 ft bls	Generally characterize the soil vapor quality beneath the proposed building.	Elevated concentrations of select VOCs.
	SV-7	Soil Vapor	11-11.5 ft bls	20 ft bls	Generally characterize the soil vapor quality beneath the proposed building.	Elevated concentrations of select VOCs.
	SV-6	Soil Vapor	11-11.5 ft bls	14 ft bls	Generally characterize the soil vapor quality beneath the proposed building.	Significantly elevated concentrations of select VOCs.
3	SB-2	Soil	1-3 ft bls	40 ft bls	Evaluate soil quality within shallow soils and above the water table.	UUSCO exceedances for metals and pesticides.
			29-29 ft bls			No exceedances.
	SB-4	Soil	1-3 ft bls	35 ft bls	Evaluate soil quality within shallow soils and above the water table.	UUSCO exceedances for metals and UUSCO, RRSCO, and PGWSCO exceedances for SVOCs.
			23-25 ft bls			No exceedances.
	TW-2	Groundwater	25-40 ft bls	40 ft bls	Evaluate onsite groundwater quality.	AWQSGV exceedances for metals.
	TW-4	Groundwater	24-34 ft bls	35 ft bls	Evaluate onsite groundwater quality.	AWQSGV exceedances for VOCs and metals.
	SV-2	Soil Vapor	5-5.5 ft bls	40 ft bls	Generally characterize the soil vapor quality in the vicinity of Building 3.	Elevated concentrations of select VOCs.
	SV-4	Soil Vapor	12-12.5 ft bls	35 ft bls	Generally characterize the soil vapor quality in the vicinity of Building 3.	Elevated concentrations of select VOCs.
	SV-11	Soil Vapor	12-12.5 ft bls	15 ft bls	Generally characterize the soil vapor quality in the vicinity of Building 3.	Significantly elevated concentrations of select VOCs.

Table 1. Sampling Locations, Rationale, and Analytical Results Summary

Building	Sample Location	Sample Matrix	Sample Intervals	Total Depth	Rationale	Analytical Results
4	SB-10	Soil	1-3 ft bls	15 bls	Evaluate soil quality in both shallow soils and beneath the maxiumum excavation depth below the proposed cellar.	UUSCO exceedances for pesticides and UUSCO, RRSCO, and PGWSCO exceedances for metals and SVOCs.
			12-14 ft bls			No exceedances.
	SB-11	Soil	1-3 ft bls	20 ft bls	Evaluate soil quality in both shallow soils and beneath the maxiumum excavation depth below the proposed elevator pit.	UUSCO exceedances for pesticides and UUSCO, RRSCO, and PGWSCO exceedances for metals.
			18-20 ft bls			No exceedances.
	SV-10	Soil Vapor	12.5-13 ft bls	15 ft bls	Evaluate soil vapor quality beneath the maxiumum excavation depth below the proposed cellar.	Elevated concentrations of select VOCs.
	SV-12	Sub-Slab Soil Vapor	6-inches below building slab	0.5 ft bls	Evaluate soil vapor quality in shallow soils below the existing slab within Building 4.	Elevated concentrations of select VOCs.
	SV-13	Sub-Slab Soil Vapor	6-inches below building slab	0.5 ft bls	Evaluate soil vapor quality in shallow soils below the existing slab within Building 4.	No signficant concentrations of VOCs.
	SS-3	Shallow Soil	1-3 ft bls	3 ft bls	Evaluate soil quality in shallow soils.	UUSCO exceedances for metals.
	SS-4	Shallow Soil	1-3 ft bls	3 ft bls	Evaluate soil quality in shallow soils.	Petroleum odor and staining, no exceedances.
	SS-5	Shallow Soil	0.5-2.5 ft bls	2.5 ft bls	Evaluate soil quality in shallow soils.	UUSCO exceedances for metals.
	SS-6	Shallow Soil	0.5-2.5 ft bls	2.5 ft bls	Evaluate soil quality in shallow soils.	UUSCO, RRSCO, and PGWSCO exceedances for SVOCs.
	SS-7	Shallow Soil	0.5-2.5 ft bls	2.5 ft bls	Evaluate soil quality in shallow soils.	UUSCO exceedances for metals and UUSCO and PGWSCO exceeedances for SVOCs.
	SS-8	Shallow Soil	1-3 ft bls	3 ft bls	Evaluate soil quality in shallow soils.	No exceedances.
	Ash	Ash	Not Applicable	Not Applicable	Evaluate for potenial contaminants in ash.	UUSCO and RRSCO exceedances for metals.
Proposed Open Space	SS-1	Shallow Soil	1-3 ft bls	3 ft bls	Evaluate shallow soil quality within open space / recreational areas.	No exceedances.
	SS-2	Shallow Soil	1-3 ft bls	3 ft bls	Evaluate shallow soil quality within open space / recreational areas.	UUSCO exceedances for metals.
	SS-9	Shallow Soil	1-3 ft bls	3 ft bls	Evaluate shallow soil quality within open space / recreational areas.	UUSCO exceedances for metals.
8,000 Gallon Aboveground Storage Tank (AST)	SB-3	Soil	1-3 ft bls	30 ft bls	Evaluate soil quality in both shallow soils and above the water table.	UUSCO exceedances for pesticides and UUSCO, RRSCO, and PGWSCO exceedances for metals.
			19-21 ft bls			UUSCO exceedances for metals.
	TW-3	Groundwater	20-30 ft bls	30 ft bls	Evaluate onsite groundwater quality.	AWQSGV exceedances for metals.
	SV-3	Soil Vapor	13-13.5 ft bls	30 ft bls	Generally characterize the soil vapor quality.	No signficant concentrations of VOCs.

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-1	SB-1	SB-1
				Sample Date:	01/28/2021	01/28/2021	01/28/2021
				Sample Depth (ft bls)	0 - 2	18 - 20	21 - 23
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	3.6	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4	MG/KG	0.0012 U	0.00094 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8	MG/KG	0.0012 U	0.00094 U	0.0011 U
2-Hexanone	--	--	--	MG/KG	0.0059 UT	0.0047 UT	0.0053 UT
Acetone	**0.05**	100	0.05	MG/KG	0.007 U	0.0056 U	0.01
Benzene	0.06	4.8	0.06	MG/KG	0.0012 U	0.00094 U	0.0011 U
Bromochloromethane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Bromodichloromethane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Bromoform	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Bromomethane	--	--	--	MG/KG	0.0023 U	0.0019 U	0.0021 U
Carbon Disulfide	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76	MG/KG	0.0012 U	0.00094 U	0.0011 U
Chlorobenzene	1.1	100	1.1	MG/KG	0.0012 U	0.00094 U	0.0011 U
Chloroethane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Chloroform	0.37	49	0.37	MG/KG	0.0012 U	0.00094 U	0.0011 U
Chloromethane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	MG/KG	0.0012 U	0.00094 U	0.0011 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-1	SB-1	SB-1
				Sample Date:	01/28/2021	01/28/2021	01/28/2021
				Sample Depth (ft bls)	0 - 2	18 - 20	21 - 23
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Cyclohexane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Dibromochloromethane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Ethylbenzene	1	41	1	MG/KG	0.0012 U	0.00094 U	0.0011 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
m,p-Xylene	--	--	--	MG/KG	0.0012 U	0.00094 U	0.00023 BJ
Methyl Acetate	--	--	--	MG/KG	0.0059 U	0.0047 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	MG/KG	0.0059 U	0.0047 U	0.0053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0059 U	0.0047 U	0.0053 U
Methylcyclohexane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Methylene Chloride	0.05	100	0.05	MG/KG	0.0023 U	0.0019 U	0.0021 U
N-Butylbenzene	12	100	12	MG/KG	0.0012 U	0.00094 U	0.0011 U
N-Propylbenzene	3.9	100	3.9	MG/KG	0.0012 U	0.00094 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Sec-Butylbenzene	11	100	11	MG/KG	0.0012 U	0.00094 U	0.0011 U
Styrene	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
T-Butylbenzene	5.9	100	5.9	MG/KG	0.0012 U	0.00094 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.93	MG/KG	0.0012 U	0.00094 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	1.3	MG/KG	0.0012 U	0.00094 U	0.0011 U
Toluene	0.7	100	0.7	MG/KG	0.0012 U	0.00094 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0012 U	0.00094 U	0.0011 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47	MG/KG	0.0012 U	0.00094 U	0.0011 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0012 U	0.00094 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.02	MG/KG	0.0012 U	0.00094 U	0.0011 U
Xylenes	0.26	100	1.6	MG/KG	0.0023 U	0.0019 U	0.0021 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-2	SB-2	SB-3
				Sample Date:	12/10/2020	12/10/2020	12/08/2020
				Sample Depth (ft bls)	1 - 3	27 - 29	1 - 3
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.001 U	0.0009 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	MG/KG	0.001 U	0.0009 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	MG/KG	0.001 U	0.0009 U	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	3.6	MG/KG	0.001 U	0.0009 U	0.0011 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.001 U	0.0009 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	MG/KG	0.001 U	0.0009 U	0.0011 U
1,2-Dichloropropane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	MG/KG	0.001 U	0.0009 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4	MG/KG	0.001 U	0.0009 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8	MG/KG	0.001 U	0.0009 U	0.0011 U
2-Hexanone	--	--	--	MG/KG	0.0052 U	0.0045 U	0.0056 U
Acetone	**0.05**	100	0.05	MG/KG	0.0062 U	0.0061	**0.058**
Benzene	0.06	4.8	0.06	MG/KG	0.001 U	0.0009 U	0.0011 U
Bromochloromethane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Bromodichloromethane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Bromoform	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Bromomethane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Carbon Disulfide	--	--	--	MG/KG	0.001 U	0.0009 U	0.0005 J
Carbon Tetrachloride	0.76	2.4	0.76	MG/KG	0.001 U	0.0009 U	0.0011 U
Chlorobenzene	1.1	100	1.1	MG/KG	0.001 U	0.0009 U	0.0011 U
Chloroethane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Chloroform	0.37	49	0.37	MG/KG	0.001 U	0.0009 U	0.0011 U
Chloromethane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	MG/KG	0.001 U	0.0009 U	0.0011 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-2	SB-2	SB-3
				Sample Date:	12/10/2020	12/10/2020	12/08/2020
				Sample Depth (ft bls)	1 - 3	27 - 29	1 - 3
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Cyclohexane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Dibromochloromethane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Ethylbenzene	1	41	1	MG/KG	0.001 U	0.0009 U	0.0011 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
m,p-Xylene	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Methyl Acetate	--	--	--	MG/KG	0.0052 U	0.0045 U	0.0056 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	MG/KG	0.0052 U	0.0045 U	0.01
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0052 U	0.0045 U	0.0056 U
Methylcyclohexane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Methylene Chloride	0.05	100	0.05	MG/KG	0.001 U	0.0009 U	0.0011 U
N-Butylbenzene	12	100	12	MG/KG	0.001 U	0.0009 U	0.0011 U
N-Propylbenzene	3.9	100	3.9	MG/KG	0.001 U	0.0009 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Sec-Butylbenzene	11	100	11	MG/KG	0.001 U	0.0009 U	0.0011 U
Styrene	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
T-Butylbenzene	5.9	100	5.9	MG/KG	0.001 U	0.0009 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.93	MG/KG	0.001 U	0.0009 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	1.3	MG/KG	0.001 U	0.0009 U	0.00045 J
Toluene	0.7	100	0.7	MG/KG	0.001 U	0.0009 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.001 U	0.0009 U	0.0011 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47	MG/KG	0.001 U	0.0009 U	0.0011 U
Trichlorofluoromethane	--	--	--	MG/KG	0.001 U	0.0009 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.02	MG/KG	0.001 U	0.0009 U	0.0011 U
Xylenes	0.26	100	1.6	MG/KG	0.0021 U	0.0018 U	0.0022 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-3	SB-4	SB-4
				Sample Date:	12/08/2020	12/09/2020	12/09/2020
				Sample Depth (ft bls)	19 - 21	1 - 3	23 - 25
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,1-Dichloroethane	0.27	26	0.27	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,1-Dichloroethene	0.33	100	0.33	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,2,4-Trimethylbenzene	3.6	52	3.6	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,2-Dichloroethane	0.02	3.1	0.02	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,3-Dichlorobenzene	2.4	49	2.4	MG/KG	0.0011 U	0.00095 U	0.00097 U
1,4-Dichlorobenzene	1.8	13	1.8	MG/KG	0.0011 U	0.00095 U	0.00097 U
2-Hexanone	--	--	--	MG/KG	0.0053 U	0.0047 U	0.0049 U
Acetone	**0.05**	100	0.05	MG/KG	0.014	0.0057 U	0.0058 U
Benzene	0.06	4.8	0.06	MG/KG	0.0011 U	0.00095 U	0.00097 U
Bromochloromethane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Bromodichloromethane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Bromoform	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Bromomethane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Carbon Disulfide	--	--	--	MG/KG	0.001 J	0.00095 U	0.00097 U
Carbon Tetrachloride	0.76	2.4	0.76	MG/KG	0.0011 U	0.00095 U	0.00097 U
Chlorobenzene	1.1	100	1.1	MG/KG	0.0011 U	0.00095 U	0.00097 U
Chloroethane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Chloroform	0.37	49	0.37	MG/KG	0.0011 U	0.00095 U	0.00097 U
Chloromethane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	MG/KG	0.0011 U	0.00095 U	0.00097 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-3	SB-4	SB-4
				Sample Date:	12/08/2020	12/09/2020	12/09/2020
				Sample Depth (ft bls)	19 - 21	1 - 3	23 - 25
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Cyclohexane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Dibromochloromethane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Ethylbenzene	1	41	1	MG/KG	0.0011 U	0.00095 U	0.00097 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
m,p-Xylene	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Methyl Acetate	--	--	--	MG/KG	0.0053 U	0.0047 U	0.0049 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	MG/KG	0.0053 U	0.0047 U	0.0049 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0053 U	0.0047 UT	0.0049 UT
Methylcyclohexane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Methylene Chloride	0.05	100	0.05	MG/KG	0.0011 U	0.00095 U	0.00097 U
N-Butylbenzene	12	100	12	MG/KG	0.0011 U	0.00095 U	0.00097 U
N-Propylbenzene	3.9	100	3.9	MG/KG	0.0011 U	0.00095 U	0.00097 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Sec-Butylbenzene	11	100	11	MG/KG	0.0011 U	0.00095 U	0.00097 U
Styrene	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
T-Butylbenzene	5.9	100	5.9	MG/KG	0.0011 U	0.00095 U	0.00097 U
Tert-Butyl Methyl Ether	0.93	100	0.93	MG/KG	0.0011 U	0.00095 U	0.00097 U
Tetrachloroethylene (PCE)	1.3	19	1.3	MG/KG	0.0011 U	0.00095 U	0.00097 U
Toluene	0.7	100	0.7	MG/KG	0.0011 U	0.00095 U	0.00097 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0011 U	0.00095 U	0.00097 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Trichloroethylene (TCE)	0.47	21	0.47	MG/KG	0.0011 U	0.00095 U	0.00097 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0011 U	0.00095 U	0.00097 U
Vinyl Chloride	0.02	0.9	0.02	MG/KG	0.0011 U	0.00095 U	0.00097 U
Xylenes	0.26	100	1.6	MG/KG	0.0021 U	0.0019 U	0.0019 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-5	SB-5	SB-6
			Sample Date:		01/27/2021	01/27/2021	12/11/2020
			Sample Depth (ft bls)		0 - 2	25 - 27	1 - 3
			Normal Sample or Field Duplicate:		N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	3.6	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4	MG/KG	0.0012 U	0.0011 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8	MG/KG	0.0012 U	0.0011 U	0.0011 U
2-Hexanone	--	--	--	MG/KG	0.0059 U	0.0053 U	0.0056 U
Acetone	**0.05**	100	0.05	MG/KG	0.0071 U	0.0064 U	0.0067 U
Benzene	0.06	4.8	0.06	MG/KG	0.0012 U	0.0011 U	0.0011 U
Bromochloromethane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Bromodichloromethane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Bromoform	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Bromomethane	--	--	--	MG/KG	0.0024 U	0.0021 U	0.0011 U
Carbon Disulfide	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76	MG/KG	0.0012 U	0.0011 U	0.0011 U
Chlorobenzene	1.1	100	1.1	MG/KG	0.0012 U	0.0011 U	0.0011 U
Chloroethane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.37	MG/KG	0.0012 U	0.0011 U	0.0011 U
Chloromethane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	MG/KG	0.0012 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-5	SB-5	SB-6
				Sample Date:	01/27/2021	01/27/2021	12/11/2020
				Sample Depth (ft bls)	0 - 2	25 - 27	1 - 3
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Cyclohexane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Dibromochloromethane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Ethylbenzene	1	41	1	MG/KG	0.0012 U	0.0011 U	0.0011 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
m,p-Xylene	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Methyl Acetate	--	--	--	MG/KG	0.0059 U	0.0053 U	0.0056 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	MG/KG	0.0059 U	0.0053 U	0.0056 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0059 U	0.0053 U	0.0056 U
Methylcyclohexane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Methylene Chloride	0.05	100	0.05	MG/KG	0.0024 U	0.0021 U	0.0011 UT
N-Butylbenzene	12	100	12	MG/KG	0.0012 U	0.0011 U	0.0011 U
N-Propylbenzene	3.9	100	3.9	MG/KG	0.0012 U	0.0011 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Sec-Butylbenzene	11	100	11	MG/KG	0.0012 U	0.0011 U	0.0011 U
Styrene	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
T-Butylbenzene	5.9	100	5.9	MG/KG	0.0012 U	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.93	MG/KG	0.0012 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	1.3	MG/KG	0.0012 U	0.0011 U	0.00044 J
Toluene	0.7	100	0.7	MG/KG	0.0012 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0012 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47	MG/KG	0.0012 U	0.0011 U	0.0011 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0012 U	0.0011 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.02	MG/KG	0.0012 U	0.0011 U	0.0011 U
Xylenes	0.26	100	1.6	MG/KG	0.0024 U	0.0021 U	0.0022 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-6	SB-7	SB-7
			Sample Date:		12/11/2020	01/28/2021	02/03/2021
			Sample Depth (ft bls)		12 - 14	0 - 2	18 - 20
			Normal Sample or Field Duplicate:		N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 UT
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,2,4-Trimethylbenzene	3.6	52	3.6	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 UT
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0011 U	0.0012 U	0.0012 UT
1,2-Dichloroethane	0.02	3.1	0.02	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	2.4	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	1.8	MG/KG	0.0011 U	0.0012 U	0.0012 U
2-Hexanone	--	--	--	MG/KG	0.0053 U	0.0062 UT	0.006 UT
Acetone	**0.05**	100	0.05	MG/KG	0.0063 U	0.0074 U	0.0072 U
Benzene	0.06	4.8	0.06	MG/KG	0.0011 U	0.0012 U	0.0012 U
Bromochloromethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Bromodichloromethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Bromoform	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Bromomethane	--	--	--	MG/KG	0.0011 U	0.0025 U	0.0024 UT
Carbon Disulfide	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	MG/KG	0.0011 U	0.0012 U	0.0012 U
Chlorobenzene	1.1	100	1.1	MG/KG	0.0011 U	0.0012 U	0.0012 U
Chloroethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Chloroform	0.37	49	0.37	MG/KG	0.0011 U	0.0012 U	0.0012 U
Chloromethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	MG/KG	0.0011 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-6	SB-7	SB-7
				Sample Date:	12/11/2020	01/28/2021	02/03/2021
				Sample Depth (ft bls)	12 - 14	0 - 2	18 - 20
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Cyclohexane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Dibromochloromethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Ethylbenzene	1	41	1	MG/KG	0.0011 U	0.0012 U	0.0012 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
m,p-Xylene	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Methyl Acetate	--	--	--	MG/KG	0.0053 U	0.0062 U	0.006 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	MG/KG	0.0053 U	0.0062 U	0.006 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0053 U	0.0062 U	0.006 UT
Methylcyclohexane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	100	0.05	MG/KG	0.0011 UT	0.0025 U	0.0024 U
N-Butylbenzene	12	100	12	MG/KG	0.0011 U	0.0012 U	0.0012 U
N-Propylbenzene	3.9	100	3.9	MG/KG	0.0011 U	0.0012 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Sec-Butylbenzene	11	100	11	MG/KG	0.0011 U	0.0012 U	0.0012 U
Styrene	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
T-Butylbenzene	5.9	100	5.9	MG/KG	0.0011 U	0.0012 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.93	MG/KG	0.0011 U	0.0012 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	1.3	MG/KG	0.0011 U	0.0012 U	0.0012 U
Toluene	0.7	100	0.7	MG/KG	0.0011 U	0.0012 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0011 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47	MG/KG	0.0011 U	0.0012 U	0.0012 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02	MG/KG	0.0011 U	0.0012 U	0.0012 U
Xylenes	0.26	100	1.6	MG/KG	0.0021 U	0.0025 U	0.0024 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	SB-8 01/27/2021 0 - 2 N	SB-8 01/27/2021 12 - 14 N	SB-9 01/27/2021 0 - 2 N
Sample Designation:					SB-8	SB-8	SB-9
Sample Date:					01/27/2021	01/27/2021	01/27/2021
Sample Depth (ft bls)					0 - 2	12 - 14	0 - 2
Normal Sample or Field Duplicate:					N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.001 U	0.0013 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	MG/KG	0.001 U	0.0013 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	MG/KG	0.001 U	0.0013 U	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	3.6	MG/KG	0.001 U	0.0013 U	0.0011 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.001 U	0.0013 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	MG/KG	0.001 U	0.0013 U	0.0011 U
1,2-Dichloropropane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	MG/KG	0.001 U	0.0013 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4	MG/KG	0.001 U	0.0013 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8	MG/KG	0.001 U	0.0013 U	0.0011 U
2-Hexanone	--	--	--	MG/KG	0.0051 U	0.0063 U	0.0057 U
Acetone	**0.05**	100	0.05	MG/KG	0.0061 U	0.0075 U	0.0068 U
Benzene	0.06	4.8	0.06	MG/KG	0.001 U	0.0013 U	0.0011 U
Bromochloromethane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Bromodichloromethane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Bromoform	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Bromomethane	--	--	--	MG/KG	0.002 U	0.0025 U	0.0023 U
Carbon Disulfide	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76	MG/KG	0.001 U	0.0013 U	0.0011 U
Chlorobenzene	1.1	100	1.1	MG/KG	0.001 U	0.0013 U	0.0011 U
Chloroethane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Chloroform	0.37	49	0.37	MG/KG	0.001 U	0.0013 U	0.0011 U
Chloromethane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	MG/KG	0.001 U	0.0013 U	0.0011 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-8	SB-8	SB-9
				Sample Date:	01/27/2021	01/27/2021	01/27/2021
				Sample Depth (ft bls)	0 - 2	12 - 14	0 - 2
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Cyclohexane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Dibromochloromethane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Ethylbenzene	1	41	1	MG/KG	0.001 U	0.0013 U	0.0011 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
m,p-Xylene	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Methyl Acetate	--	--	--	MG/KG	0.0051 U	0.0063 U	0.0057 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	MG/KG	0.0051 U	0.0063 U	0.0057 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0051 U	0.0063 U	0.0057 U
Methylcyclohexane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Methylene Chloride	0.05	100	0.05	MG/KG	0.002 U	0.0025 U	0.0023 U
N-Butylbenzene	12	100	12	MG/KG	0.001 U	0.0013 U	0.0011 U
N-Propylbenzene	3.9	100	3.9	MG/KG	0.001 U	0.0013 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Sec-Butylbenzene	11	100	11	MG/KG	0.001 U	0.0013 U	0.0011 U
Styrene	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
T-Butylbenzene	5.9	100	5.9	MG/KG	0.001 U	0.0013 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.93	MG/KG	0.001 U	0.0013 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	1.3	MG/KG	0.001 U	0.0013 U	0.0011 U
Toluene	0.7	100	0.7	MG/KG	0.001 U	0.0013 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.001 U	0.0013 U	0.0011 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47	MG/KG	0.001 U	0.0013 U	0.0011 U
Trichlorofluoromethane	--	--	--	MG/KG	0.001 U	0.0013 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.02	MG/KG	0.001 U	0.0013 U	0.0011 U
Xylenes	0.26	100	1.6	MG/KG	0.002 U	0.0025 U	0.0023 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-9	SB-10	SB-10
				Sample Date:	01/28/2021	12/09/2020	12/09/2020
				Sample Depth (ft bls)	18 - 20	1 - 3	12 - 14
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,1-Dichloroethane	0.27	26	0.27	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,1-Dichloroethene	0.33	100	0.33	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,2,4-Trimethylbenzene	3.6	52	3.6	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,2-Dichloroethane	0.02	3.1	0.02	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,3-Dichlorobenzene	2.4	49	2.4	MG/KG	0.0014 U	0.0012 U	0.00095 U
1,4-Dichlorobenzene	1.8	13	1.8	MG/KG	0.0014 U	0.0012 U	0.00095 U
2-Hexanone	--	--	--	MG/KG	0.007 UT	0.006 U	0.0048 U
Acetone	**0.05**	100	0.05	MG/KG	0.0084 U	0.0073 U	0.0057 U
Benzene	0.06	4.8	0.06	MG/KG	0.0014 U	0.0012 U	0.00095 U
Bromochloromethane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Bromodichloromethane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Bromoform	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Bromomethane	--	--	--	MG/KG	0.0028 U	0.0012 U	0.00095 U
Carbon Disulfide	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Carbon Tetrachloride	0.76	2.4	0.76	MG/KG	0.0014 U	0.0012 U	0.00095 U
Chlorobenzene	1.1	100	1.1	MG/KG	0.0014 U	0.0012 U	0.00095 U
Chloroethane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Chloroform	0.37	49	0.37	MG/KG	0.0014 U	0.0012 U	0.00095 U
Chloromethane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	MG/KG	0.0014 U	0.0012 U	0.00095 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-9	SB-10	SB-10
				Sample Date:	01/28/2021	12/09/2020	12/09/2020
				Sample Depth (ft bls)	18 - 20	1 - 3	12 - 14
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Cyclohexane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Dibromochloromethane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Ethylbenzene	1	41	1	MG/KG	0.0014 U	0.0012 U	0.00095 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
m,p-Xylene	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Methyl Acetate	--	--	--	MG/KG	0.007 U	0.006 U	0.0048 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	MG/KG	0.007 U	0.006 U	0.0048 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.007 U	0.006 UT	0.0048 UT
Methylcyclohexane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Methylene Chloride	0.05	100	0.05	MG/KG	0.0028 U	0.0012 U	0.00095 U
N-Butylbenzene	12	100	12	MG/KG	0.0014 U	0.0012 U	0.00095 U
N-Propylbenzene	3.9	100	3.9	MG/KG	0.0014 U	0.0012 U	0.00095 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Sec-Butylbenzene	11	100	11	MG/KG	0.0014 U	0.0012 U	0.00095 U
Styrene	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
T-Butylbenzene	5.9	100	5.9	MG/KG	0.0014 U	0.0012 U	0.00095 U
Tert-Butyl Methyl Ether	0.93	100	0.93	MG/KG	0.0014 U	0.0012 U	0.00095 U
Tetrachloroethylene (PCE)	1.3	19	1.3	MG/KG	0.0014 U	0.0012 U	0.00095 U
Toluene	0.7	100	0.7	MG/KG	0.0014 U	0.0012 U	0.00095 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0014 U	0.0012 U	0.00095 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Trichloroethylene (TCE)	0.47	21	0.47	MG/KG	0.0014 U	0.0012 U	0.00095 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0014 U	0.0012 U	0.00095 U
Vinyl Chloride	0.02	0.9	0.02	MG/KG	0.0014 U	0.0012 U	0.00095 U
Xylenes	0.26	100	1.6	MG/KG	0.0028 U	0.0024 U	0.0019 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-11	SB-11	SS-1
			Sample Date:		12/08/2020	12/08/2020	12/11/2020
			Sample Depth (ft bls)		1 - 3	18 - 20	1 - 3
			Normal Sample or Field Duplicate:		N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	3.6	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,2-Dichloropropane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4	MG/KG	0.00097 U	0.00094 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8	MG/KG	0.00097 U	0.00094 U	0.0011 U
2-Hexanone	--	--	--	MG/KG	0.0048 U	0.0047 U	0.0054 U
Acetone	**0.05**	100	0.05	MG/KG	0.0058 U	0.0061	0.0084
Benzene	0.06	4.8	0.06	MG/KG	0.00097 U	0.00094 U	0.0011 U
Bromochloromethane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Bromodichloromethane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Bromoform	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Bromomethane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Carbon Disulfide	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76	MG/KG	0.00097 U	0.00094 U	0.0011 U
Chlorobenzene	1.1	100	1.1	MG/KG	0.00097 U	0.00094 U	0.0011 U
Chloroethane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Chloroform	0.37	49	0.37	MG/KG	0.00097 U	0.00094 U	0.0011 U
Chloromethane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	MG/KG	0.00097 U	0.00094 U	0.0011 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-11	SB-11	SS-1
				Sample Date:	12/08/2020	12/08/2020	12/11/2020
				Sample Depth (ft bls)	1 - 3	18 - 20	1 - 3
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Cyclohexane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Dibromochloromethane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Ethylbenzene	1	41	1	MG/KG	0.00097 U	0.00094 U	0.0011 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
m,p-Xylene	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Methyl Acetate	--	--	--	MG/KG	0.0048 U	0.0047 U	0.0054 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	MG/KG	0.0048 U	0.0047 U	0.0054 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0048 U	0.0047 U	0.0054 U
Methylcyclohexane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Methylene Chloride	0.05	100	0.05	MG/KG	0.00097 U	0.00094 U	0.0011 UT
N-Butylbenzene	12	100	12	MG/KG	0.00097 U	0.00094 U	0.0011 U
N-Propylbenzene	3.9	100	3.9	MG/KG	0.00097 U	0.00094 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Sec-Butylbenzene	11	100	11	MG/KG	0.00097 U	0.00094 U	0.0011 U
Styrene	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
T-Butylbenzene	5.9	100	5.9	MG/KG	0.00097 U	0.00094 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.93	MG/KG	0.00097 U	0.00094 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	1.3	MG/KG	0.00097 U	0.00094 U	0.0011 U
Toluene	0.7	100	0.7	MG/KG	0.00097 U	0.00094 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.00097 U	0.00094 U	0.0011 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47	MG/KG	0.00097 U	0.00094 U	0.0011 U
Trichlorofluoromethane	--	--	--	MG/KG	0.00097 U	0.00094 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.02	MG/KG	0.00097 U	0.00094 U	0.0011 U
Xylenes	0.26	100	1.6	MG/KG	0.0019 U	0.0019 U	0.0022 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SS-2	SS-3	SS-4
			Sample Date:		12/11/2020	12/07/2020	12/07/2020
			Sample Depth (ft bls)		1 - 3	1 - 3	1 - 3
			Normal Sample or Field Duplicate:		N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0011 U	0.0011 U	0.11 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
1,1-Dichloroethane	0.27	26	0.27	MG/KG	0.0011 U	0.0011 U	0.11 U
1,1-Dichloroethene	0.33	100	0.33	MG/KG	0.0011 U	0.0011 U	0.11 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
1,2,4-Trimethylbenzene	3.6	52	3.6	MG/KG	0.0011 U	0.0011 U	0.11 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0011 U	0.0011 U	0.11 U
1,2-Dichloroethane	0.02	3.1	0.02	MG/KG	0.0011 U	0.0011 U	0.11 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	MG/KG	0.0011 U	0.0011 U	0.11 U
1,3-Dichlorobenzene	2.4	49	2.4	MG/KG	0.0011 U	0.0011 U	0.11 U
1,4-Dichlorobenzene	1.8	13	1.8	MG/KG	0.0011 U	0.0011 U	0.11 U
2-Hexanone	--	--	--	MG/KG	0.0054 U	0.0057 U	0.57 U
Acetone	**0.05**	100	0.05	MG/KG	0.008	0.0078	0.57 U
Benzene	0.06	4.8	0.06	MG/KG	0.0011 U	0.0011 U	0.11 U
Bromochloromethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Bromodichloromethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Bromoform	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Bromomethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Carbon Disulfide	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Carbon Tetrachloride	0.76	2.4	0.76	MG/KG	0.0011 U	0.0011 U	0.11 U
Chlorobenzene	1.1	100	1.1	MG/KG	0.0011 U	0.0011 U	0.11 U
Chloroethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Chloroform	0.37	49	0.37	MG/KG	0.0011 U	0.0011 U	0.11 U
Chloromethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	MG/KG	0.0011 U	0.0011 U	0.11 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-2	SS-3	SS-4
				Sample Date:	12/11/2020	12/07/2020	12/07/2020
				Sample Depth (ft bls)	1 - 3	1 - 3	1 - 3
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Cyclohexane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Dibromochloromethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Ethylbenzene	1	41	1	MG/KG	0.0011 U	0.0011 U	0.11 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0011 U	0.0011 U	0.07 J
m,p-Xylene	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Methyl Acetate	--	--	--	MG/KG	0.0054 U	0.0057 U	0.57 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	MG/KG	0.0054 U	0.0057 U	0.57 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0054 U	0.0057 U	0.57 U
Methylcyclohexane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Methylene Chloride	0.05	100	0.05	MG/KG	0.0011 UT	0.0011 U	0.11 U
N-Butylbenzene	12	100	12	MG/KG	0.0011 U	0.0025	1.9
N-Propylbenzene	3.9	100	3.9	MG/KG	0.0011 U	0.0011 U	0.31
O-Xylene (1,2-Dimethylbenzene)	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Sec-Butylbenzene	11	100	11	MG/KG	0.0011 U	0.00084 J	0.93
Styrene	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
T-Butylbenzene	5.9	100	5.9	MG/KG	0.0011 U	0.0011 U	0.13
Tert-Butyl Methyl Ether	0.93	100	0.93	MG/KG	0.0011 U	0.0011 U	0.11 U
Tetrachloroethylene (PCE)	1.3	19	1.3	MG/KG	0.0011 U	0.0011 U	0.11 U
Toluene	0.7	100	0.7	MG/KG	0.0011 U	0.0011 U	0.11 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0011 U	0.0011 U	0.11 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.0011 U	0.11 U
Trichloroethylene (TCE)	0.47	21	0.47	MG/KG	0.0011 U	0.0011 U	0.11 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0011 U	0.0011 UT	0.11 U
Vinyl Chloride	0.02	0.9	0.02	MG/KG	0.0011 U	0.0011 U	0.11 U
Xylenes	0.26	100	1.6	MG/KG	0.0021 U	0.0023 U	0.23 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-4	SS-5	SS-6
				Sample Date:	12/07/2020	12/07/2020	12/07/2020
				Sample Depth (ft bls)	1 - 3	0.5 - 2.5	0.5 - 2.5
				Normal Sample or Field Duplicate:	FD	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	3.6	MG/KG	0.00079 J	0.0033	0.0011 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	MG/KG	0.00079 J	0.00084 J	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4	MG/KG	0.0011 U	0.0012 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8	MG/KG	0.0011 U	0.0012 U	0.0011 U
2-Hexanone	--	--	--	MG/KG	0.0055 U	0.0061 U	0.0054 U
Acetone	**0.05**	100	0.05	MG/KG	0.0091	0.016	0.0065 U
Benzene	0.06	4.8	0.06	MG/KG	0.0011 U	0.0012 U	0.0011 U
Bromochloromethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
Bromodichloromethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
Bromoform	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
Bromomethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
Carbon Disulfide	--	--	--	MG/KG	0.00045 J	0.0012 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76	MG/KG	0.0011 U	0.0012 U	0.0011 U
Chlorobenzene	1.1	100	1.1	MG/KG	0.0011 U	0.0012 U	0.0011 U
Chloroethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
Chloroform	0.37	49	0.37	MG/KG	0.0011 U	0.0012 U	0.0011 U
Chloromethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	MG/KG	0.0011 U	0.0012 U	0.0011 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-4	SS-5	SS-6
				Sample Date:	12/07/2020	12/07/2020	12/07/2020
				Sample Depth (ft bls)	1 - 3	0.5 - 2.5	0.5 - 2.5
				Normal Sample or Field Duplicate:	FD	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Cyclohexane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
Dibromochloromethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
Ethylbenzene	1	41	1	MG/KG	0.0011 U	0.0028	0.0011 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0055	0.0007 J	0.0011 U
m,p-Xylene	--	--	--	MG/KG	0.0011 U	0.0018	0.00032 J
Methyl Acetate	--	--	--	MG/KG	0.0055 U	0.0061 U	0.0054 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	MG/KG	0.0055 U	0.0061 U	0.0054 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0055 U	0.0061 U	0.0054 U
Methylcyclohexane	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
Methylene Chloride	0.05	100	0.05	MG/KG	0.0011 U	0.0012 U	0.0011 U
N-Butylbenzene	12	100	12	MG/KG	0.028	0.00041 J	0.0011 U
N-Propylbenzene	3.9	100	3.9	MG/KG	0.012	0.00046 J	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	MG/KG	0.0011 U	0.00094 J	0.0011 U
Sec-Butylbenzene	11	100	11	MG/KG	0.024	0.0012 U	0.0011 U
Styrene	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
T-Butylbenzene	5.9	100	5.9	MG/KG	0.0044	0.0012 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.93	MG/KG	0.0011 U	0.0012 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	1.3	MG/KG	0.0011 U	0.0012 U	0.0011 U
Toluene	0.7	100	0.7	MG/KG	0.0011 U	0.00053 J	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0011 U	0.0012 U	0.0011 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.0012 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47	MG/KG	0.0011 U	0.0012 U	0.0011 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0011 UT	0.0012 UT	0.0011 UT
Vinyl Chloride	0.02	0.9	0.02	MG/KG	0.0011 U	0.0012 U	0.0011 U
Xylenes	0.26	100	1.6	MG/KG	0.0022 U	0.0027	0.0022 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-7	SS-8	SS-9
				Sample Date:	12/07/2020	12/07/2020	12/09/2020
				Sample Depth (ft bls)	0.5 - 2.5	1 - 3	1 - 3
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,1-Dichloroethane	0.27	26	0.27	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,1-Dichloroethene	0.33	100	0.33	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,2,4-Trimethylbenzene	3.6	52	3.6	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,2-Dichloroethane	0.02	3.1	0.02	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,3-Dichlorobenzene	2.4	49	2.4	MG/KG	0.0013 U	0.0012 U	0.00098 U
1,4-Dichlorobenzene	1.8	13	1.8	MG/KG	0.0013 U	0.0012 U	0.00098 U
2-Hexanone	--	--	--	MG/KG	0.0063 U	0.0061 U	0.0049 U
Acetone	**0.05**	100	0.05	MG/KG	**0.081**	0.0076	0.012
Benzene	0.06	4.8	0.06	MG/KG	0.0013 U	0.0012 U	0.00098 U
Bromochloromethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Bromodichloromethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Bromoform	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Bromomethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Carbon Disulfide	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Carbon Tetrachloride	0.76	2.4	0.76	MG/KG	0.0013 U	0.0012 U	0.00098 U
Chlorobenzene	1.1	100	1.1	MG/KG	0.0013 U	0.0012 U	0.00098 U
Chloroethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Chloroform	0.37	49	0.37	MG/KG	0.0013 U	0.0012 U	0.00098 U
Chloromethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	MG/KG	0.0013 U	0.0012 U	0.00098 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U

Table 2. Summary of Volatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-7	SS-8	SS-9
				Sample Date:	12/07/2020	12/07/2020	12/09/2020
				Sample Depth (ft bls)	0.5 - 2.5	1 - 3	1 - 3
				Normal Sample or Field Duplicate:	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Cyclohexane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Dibromochloromethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Ethylbenzene	1	41	1	MG/KG	0.00086 J	0.0012 U	0.00098 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
m,p-Xylene	--	--	--	MG/KG	0.0028	0.00031 J	0.00098 U
Methyl Acetate	--	--	--	MG/KG	0.0063 U	0.0061 U	0.0049 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	MG/KG	0.0063 U	0.0061 U	0.0049 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0032 J	0.0061 U	0.0049 UT
Methylcyclohexane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Methylene Chloride	0.05	100	0.05	MG/KG	0.0013 U	0.0012 U	0.00098 U
N-Butylbenzene	12	100	12	MG/KG	0.0013 U	0.0012 U	0.00098 U
N-Propylbenzene	3.9	100	3.9	MG/KG	0.0013 U	0.0012 U	0.00098 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	MG/KG	0.00093 J	0.0012 U	0.00098 U
Sec-Butylbenzene	11	100	11	MG/KG	0.0013 U	0.0012 U	0.00098 U
Styrene	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
T-Butylbenzene	5.9	100	5.9	MG/KG	0.0013 U	0.0012 U	0.00098 U
Tert-Butyl Methyl Ether	0.93	100	0.93	MG/KG	0.0013 U	0.0012 U	0.00098 U
Tetrachloroethylene (PCE)	1.3	19	1.3	MG/KG	0.0013 U	0.0012 U	0.00098 U
Toluene	0.7	100	0.7	MG/KG	0.041	0.0012 U	0.00098 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0013 U	0.0012 U	0.00098 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0013 U	0.0012 U	0.00098 U
Trichloroethylene (TCE)	0.47	21	0.47	MG/KG	0.0013 U	0.0012 U	0.00098 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0013 UT	0.0012 UT	0.00098 U
Vinyl Chloride	0.02	0.9	0.02	MG/KG	0.0013 U	0.0012 U	0.00098 U
Xylenes	0.26	100	1.6	MG/KG	0.0037	0.0024 U	0.002 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-1	SB-1	SB-1	SB-2
				Sample Date:	01/28/2021	01/28/2021	01/28/2021	12/10/2020
				Sample Depth (ft bls)	0 - 2	18 - 20	21 - 23	1 - 3
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG	0.37 UT	0.34 U	0.35 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.1	MG/KG	0.11 U	0.1 U	0.11 U	0.11 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG	0.37 UT	0.34 U	0.35 U	0.37 U
2,4,5-Trichlorophenol	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
2,4,6-Trichlorophenol	--	--	--	MG/KG	0.15 U	0.14 U	0.14 U	0.15 U
2,4-Dichlorophenol	--	--	--	MG/KG	0.15 U	0.14 U	0.14 U	0.15 U
2,4-Dimethylphenol	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
2,4-Dinitrophenol	--	--	--	MG/KG	0.3 U	0.28 U	0.28 U	0.3 U
2,4-Dinitrotoluene	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U
2,6-Dinitrotoluene	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U
2-Chloronaphthalene	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
2-Chlorophenol	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
2-Methylnaphthalene	--	--	--	MG/KG	0.015 J	0.34 U	0.35 U	0.017 J
2-Methylphenol (O-Cresol)	**0.33**	100	0.33	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
2-Nitroaniline	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
2-Nitrophenol	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG	0.15 U	0.14 U	0.14 U	0.15 U
3-Nitroaniline	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG	0.3 U	0.28 U	0.28 U	0.3 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
4-Chloroaniline	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG	0.37 UT	0.34 U	0.35 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
4-Nitroaniline	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
4-Nitrophenol	--	--	--	MG/KG	0.75 U	0.7 U	0.71 U	0.75 U
Acenaphthene	20	100	98	MG/KG	0.05 J	0.34 U	0.35 U	0.052 J
Acenaphthylene	100	100	107	MG/KG	0.064 J	0.34 U	0.35 U	0.37 U
Acetophenone	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Anthracene	100	100	1000	MG/KG	0.2 J	0.34 U	0.35 U	0.13 J
Atrazine	--	--	--	MG/KG	0.15 U	0.14 UT	0.14 UT	0.15 U
Benzaldehyde	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-1	SB-1	SB-1	SB-2
				Sample Date:	01/28/2021	01/28/2021	01/28/2021	12/10/2020
				Sample Depth (ft bls)	0 - 2	18 - 20	21 - 23	1 - 3
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
Benzo(A)Anthracene	**1**	1	1	MG/KG	0.87	0.034 U	0.035 U	0.34
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.92	0.034 U	0.035 U	0.42
Benzo(B)Fluoranthene	**1**	1	1.7	MG/KG	**1.1**	0.034 U	0.035 U	0.48
Benzo(G,H,I)Perylene	100	100	1000	MG/KG	0.45	0.34 U	0.099 J	0.18 J
Benzo(K)Fluoranthene	**0.8**	3.9	1.7	MG/KG	0.39	0.034 U	0.035 U	0.18
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.037 U	0.034 U	0.035 U	0.037 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Caprolactam	--	--	--	MG/KG	0.37 U	0.34 UT	0.35 UT	0.37 U
Carbazole	--	--	--	MG/KG	0.06 J	0.34 U	0.35 U	0.044 J
Chrysene	**1**	3.9	1	MG/KG	0.78	0.34 U	0.35 U	0.35 J
Cresols, M & P	0.33	100	0.33	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.15	0.034 U	0.035 U	0.056
Dibenzofuran	7	59	210	MG/KG	0.033 J	0.34 U	0.35 U	0.03 J
Diethyl Phthalate	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Dimethyl Phthalate	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Fluoranthene	100	100	1000	MG/KG	1.3	0.34 U	0.35 U	0.74
Fluorene	30	100	386	MG/KG	0.04 J	0.34 U	0.35 U	0.041 J
Hexachlorobenzene	0.33	1.2	3.2	MG/KG	0.037 U	0.034 U	0.035 U	0.037 U
Hexachlorobutadiene	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Hexachloroethane	--	--	--	MG/KG	0.037 U	0.034 U	0.035 U	0.037 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	0.5	8.2	MG/KG	**0.53**	0.034 U	0.035 U	0.21
Isophorone	--	--	--	MG/KG	0.15 U	0.14 U	0.14 U	0.15 U
Naphthalene	12	100	12	MG/KG	0.018 J	0.34 U	0.35 U	0.024 J
Nitrobenzene	--	--	--	MG/KG	0.037 U	0.034 U	0.035 U	0.037 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.037 U	0.034 U	0.035 U	0.037 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-1	SB-1	SB-1	SB-2
				Sample Date:	01/28/2021	01/28/2021	01/28/2021	12/10/2020
				Sample Depth (ft bls)	0 - 2	18 - 20	21 - 23	1 - 3
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Pentachlorophenol	0.8	6.7	0.8	MG/KG	0.3 U	0.28 U	0.28 U	0.3 U
Phenanthrene	100	100	1000	MG/KG	0.86	0.34 U	0.35 U	0.6
Phenol	0.33	100	0.33	MG/KG	0.37 U	0.34 U	0.35 U	0.37 U
Pyrene	100	100	1000	MG/KG	1.7	0.34 U	0.35 U	0.68

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-2	SB-3	SB-3	SB-4
				Sample Date:	12/10/2020	12/08/2020	12/08/2020	12/09/2020
				Sample Depth (ft bls)	27 - 29	1 - 3	19 - 21	1 - 3
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.1	MG/KG	0.12 U	0.11 U	0.12 U	0.23 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
2,4,5-Trichlorophenol	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
2,4,6-Trichlorophenol	--	--	--	MG/KG	0.15 U	0.15 U	0.16 U	0.3 U
2,4-Dichlorophenol	--	--	--	MG/KG	0.15 U	0.15 U	0.16 U	0.3 U
2,4-Dimethylphenol	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
2,4-Dinitrophenol	--	--	--	MG/KG	0.31 U	0.3 U	0.32 U	0.6 U
2,4-Dinitrotoluene	--	--	--	MG/KG	0.077 U	0.075 U	0.082 U	0.15 U
2,6-Dinitrotoluene	--	--	--	MG/KG	0.077 U	0.075 U	0.082 U	0.15 U
2-Chloronaphthalene	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
2-Chlorophenol	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
2-Methylnaphthalene	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.62 J
2-Methylphenol (O-Cresol)	**0.33**	100	0.33	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
2-Nitroaniline	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
2-Nitrophenol	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG	0.15 U	0.15 U	0.16 U	0.3 U
3-Nitroaniline	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG	0.31 U	0.3 U	0.32 U	0.6 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
4-Chloroaniline	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
4-Nitroaniline	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
4-Nitrophenol	--	--	--	MG/KG	0.77 U	0.75 U	0.82 U	1.5 U
Acenaphthene	20	100	98	MG/KG	0.38 U	0.02 J	0.4 U	0.82
Acenaphthylene	100	100	107	MG/KG	0.38 U	0.037 J	0.4 U	0.028 J
Acetophenone	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Anthracene	100	100	1000	MG/KG	0.38 U	0.076 J	0.4 U	2.8
Atrazine	--	--	--	MG/KG	0.15 U	0.15 U	0.16 U	0.3 U
Benzaldehyde	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation: SB-2	SB-3	SB-3	SB-4
					Sample Date: 12/10/2020	12/08/2020	12/08/2020	12/09/2020
					Sample Depth (ft bls) 27 - 29	1 - 3	19 - 21	1 - 3
					Normal Sample or Field Duplicate: N	N	N	N
Benzo(A)Anthracene	**1**	1	1	MG/KG	0.038 U	0.32	0.065	**3.4**
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.038 U	0.33	0.064	**3.1**
Benzo(B)Fluoranthene	**1**	1	1.7	MG/KG	0.038 U	0.38	0.074	**3.9**
Benzo(G,H,I)Perylene	100	100	1000	MG/KG	0.38 U	0.16 J	0.027 J	1.6
Benzo(K)Fluoranthene	**0.8**	3.9	1.7	MG/KG	0.038 U	0.16	0.026 J	**1.2**
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.22 J
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.038 U	0.037 U	0.04 U	0.075 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Caprolactam	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Carbazole	--	--	--	MG/KG	0.38 U	0.026 J	0.4 U	0.96
Chrysene	**1**	3.9	1	MG/KG	0.38 U	0.31 J	0.054 J	**2.8**
Cresols, M & P	0.33	100	0.33	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.038 U	0.038	0.04 U	**0.43**
Dibenzofuran	7	59	210	MG/KG	0.38 U	0.018 J	0.4 U	1.2
Diethyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Dimethyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Fluoranthene	100	100	1000	MG/KG	0.38 U	0.59	0.1 J	9.9
Fluorene	30	100	386	MG/KG	0.38 U	0.024 J	0.4 U	1.1
Hexachlorobenzene	0.33	1.2	3.2	MG/KG	0.038 U	0.037 U	0.04 U	0.075 U
Hexachlorobutadiene	--	--	--	MG/KG	0.077 U	0.075 U	0.082 U	0.15 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Hexachloroethane	--	--	--	MG/KG	0.038 U	0.037 U	0.04 U	0.075 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	0.5	8.2	MG/KG	0.038 U	0.2	0.035 J	**1.6**
Isophorone	--	--	--	MG/KG	0.15 U	0.15 U	0.16 U	0.3 U
Naphthalene	12	100	12	MG/KG	0.38 U	0.017 J	0.4 U	0.9
Nitrobenzene	--	--	--	MG/KG	0.038 U	0.037 U	0.04 U	0.075 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.038 U	0.037 U	0.04 U	0.075 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-2	SB-3	SB-3	SB-4
				Sample Date:	12/10/2020	12/08/2020	12/08/2020	12/09/2020
				Sample Depth (ft bls)	27 - 29	1 - 3	19 - 21	1 - 3
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Pentachlorophenol	0.8	6.7	0.8	MG/KG	0.31 U	0.3 U	0.32 U	0.6 U
Phenanthrene	100	100	1000	MG/KG	0.38 U	0.34 J	0.043 J	12
Phenol	0.33	100	0.33	MG/KG	0.38 U	0.37 U	0.4 U	0.75 U
Pyrene	100	100	1000	MG/KG	0.38 U	0.53	0.097 J	7.2

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-4	SB-5	SB-5	SB-6
				Sample Date:	12/09/2020	01/27/2021	01/27/2021	12/11/2020
				Sample Depth (ft bls)	23 - 25	0 - 2	25 - 27	1 - 3
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.1	MG/KG	0.1 U	0.11 U	0.11 U	0.11 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
2,4,5-Trichlorophenol	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
2,4,6-Trichlorophenol	--	--	--	MG/KG	0.14 U	0.15 U	0.15 U	0.15 U
2,4-Dichlorophenol	--	--	--	MG/KG	0.14 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
2,4-Dinitrophenol	--	--	--	MG/KG	0.27 U	0.3 U	0.3 U	0.3 U
2,4-Dinitrotoluene	--	--	--	MG/KG	0.069 U	0.075 U	0.077 U	0.076 U
2,6-Dinitrotoluene	--	--	--	MG/KG	0.069 U	0.075 U	0.077 U	0.076 U
2-Chloronaphthalene	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
2-Chlorophenol	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
2-Methylnaphthalene	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
2-Methylphenol (O-Cresol)	**0.33**	100	0.33	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
2-Nitroaniline	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
2-Nitrophenol	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG	0.14 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG	0.27 U	0.3 U	0.3 U	0.3 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
4-Chloroaniline	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
4-Nitroaniline	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
4-Nitrophenol	--	--	--	MG/KG	0.69 U	0.75 U	0.77 U	0.76 U
Acenaphthene	20	100	98	MG/KG	0.34 U	0.012 J	0.38 U	0.37 U
Acenaphthylene	100	100	107	MG/KG	0.34 U	0.0064 J	0.38 U	0.37 U
Acetophenone	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Anthracene	100	100	1000	MG/KG	0.34 U	0.037 J	0.38 U	0.37 U
Atrazine	--	--	--	MG/KG	0.14 U	0.15 UT	0.15 UT	0.15 UT
Benzaldehyde	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 UT

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-4	SB-5	SB-5	SB-6
				Sample Date:	12/09/2020	01/27/2021	01/27/2021	12/11/2020
				Sample Depth (ft bls)	23 - 25	0 - 2	25 - 27	1 - 3
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
Benzo(A)Anthracene	**1**	1	1	MG/KG	0.034 U	0.19	0.038 U	0.046
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.034 U	0.21	0.038 U	0.05
Benzo(B)Fluoranthene	**1**	1	1.7	MG/KG	0.034 U	0.24	0.038 U	0.074
Benzo(G,H,I)Perylene	100	100	1000	MG/KG	0.34 U	0.13 JT	0.38 UT	0.035 J
Benzo(K)Fluoranthene	**0.8**	3.9	1.7	MG/KG	0.034 U	0.1	0.038 U	0.03 J
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.034 U	0.037 U	0.038 U	0.037 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.34 U	0.028 J	0.38 U	0.37 U
Caprolactam	--	--	--	MG/KG	0.34 U	0.37 UT	0.38 UT	0.37 U
Carbazole	--	--	--	MG/KG	0.34 U	0.018 J	0.38 U	0.37 U
Chrysene	**1**	3.9	1	MG/KG	0.34 U	0.18 J	0.38 U	0.042 J
Cresols, M & P	0.33	100	0.33	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.034 U	0.037 T	0.038 UT	0.037 U
Dibenzofuran	7	59	210	MG/KG	0.34 U	0.0081 J	0.38 U	0.37 U
Diethyl Phthalate	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Dimethyl Phthalate	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.34 U	0.018 J	0.38 U	0.37 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Fluoranthene	100	100	1000	MG/KG	0.34 U	0.33 J	0.38 U	0.047 J
Fluorene	30	100	386	MG/KG	0.34 U	0.012 J	0.38 U	0.37 U
Hexachlorobenzene	0.33	1.2	3.2	MG/KG	0.034 U	0.037 UT	0.038 UT	0.037 U
Hexachlorobutadiene	--	--	--	MG/KG	0.069 U	0.075 UT	0.077 UT	0.076 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Hexachloroethane	--	--	--	MG/KG	0.034 U	0.037 U	0.038 U	0.037 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	0.5	8.2	MG/KG	0.034 U	0.12	0.038 U	0.036 J
Isophorone	--	--	--	MG/KG	0.14 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	12	MG/KG	0.34 U	0.0087 J	0.38 U	0.37 U
Nitrobenzene	--	--	--	MG/KG	0.034 U	0.037 U	0.038 U	0.037 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.034 U	0.037 U	0.038 U	0.037 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-4	SB-5	SB-5	SB-6
				Sample Date:	12/09/2020	01/27/2021	01/27/2021	12/11/2020
				Sample Depth (ft bls)	23 - 25	0 - 2	25 - 27	1 - 3
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Pentachlorophenol	0.8	6.7	0.8	MG/KG	0.27 U	0.3 U	0.3 U	0.3 U
Phenanthrene	100	100	1000	MG/KG	0.34 U	0.22 J	0.38 U	0.026 J
Phenol	0.33	100	0.33	MG/KG	0.34 U	0.37 U	0.38 U	0.37 U
Pyrene	100	100	1000	MG/KG	0.34 U	0.36 J	0.38 U	0.06 J

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-6	SB-7	SB-7	SB-7
				Sample Date:	12/11/2020	01/28/2021	02/03/2021	02/03/2021
				Sample Depth (ft bls)	12 - 14	0 - 2	18 - 20	18 - 20
				Normal Sample or Field Duplicate:	N	N	N	FD
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.1	MG/KG	0.11 U	0.12 U	0.12 UT	0.12 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
2,4,5-Trichlorophenol	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
2,4,6-Trichlorophenol	--	--	--	MG/KG	0.14 U	0.15 U	0.16 U	0.16 U
2,4-Dichlorophenol	--	--	--	MG/KG	0.14 U	0.15 U	0.16 U	0.16 U
2,4-Dimethylphenol	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
2,4-Dinitrophenol	--	--	--	MG/KG	0.29 U	0.31 U	0.33 U	0.32 U
2,4-Dinitrotoluene	--	--	--	MG/KG	0.072 U	0.077 U	0.083 U	0.079 U
2,6-Dinitrotoluene	--	--	--	MG/KG	0.072 U	0.077 U	0.083 U	0.079 U
2-Chloronaphthalene	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
2-Chlorophenol	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
2-Methylnaphthalene	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
2-Methylphenol (O-Cresol)	**0.33**	100	0.33	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
2-Nitroaniline	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
2-Nitrophenol	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG	0.14 U	0.15 U	0.16 U	0.16 U
3-Nitroaniline	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG	0.29 U	0.31 U	0.33 U	0.32 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
4-Chloroaniline	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
4-Nitroaniline	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
4-Nitrophenol	--	--	--	MG/KG	0.72 U	0.77 U	0.83 U	0.79 U
Acenaphthene	20	100	98	MG/KG	0.35 U	0.018 J	0.41 U	0.39 U
Acenaphthylene	100	100	107	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Acetophenone	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Anthracene	100	100	1000	MG/KG	0.35 U	0.059 J	0.41 U	0.39 U
Atrazine	--	--	--	MG/KG	0.14 UT	0.15 UT	0.16 UT	0.16 U
Benzaldehyde	--	--	--	MG/KG	0.35 UT	0.38 U	0.41 UT	0.39 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-6	SB-7	SB-7	SB-7
				Sample Date:	12/11/2020	01/28/2021	02/03/2021	02/03/2021
				Sample Depth (ft bls)	12 - 14	0 - 2	18 - 20	18 - 20
				Normal Sample or Field Duplicate:	N	N	N	FD
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
Benzo(A)Anthracene	**1**	1	1	MG/KG	0.035 U	0.26	0.041 U	0.039 U
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.035 U	0.31	0.041 U	0.039 U
Benzo(B)Fluoranthene	**1**	1	1.7	MG/KG	0.035 U	0.41	0.041 U	0.039 U
Benzo(G,H,I)Perylene	100	100	1000	MG/KG	0.35 U	0.091 J	0.41 U	0.39 U
Benzo(K)Fluoranthene	**0.8**	3.9	1.7	MG/KG	0.035 U	0.17	0.041 U	0.039 U
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.035 U	0.038 U	0.041 U	0.039 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Caprolactam	--	--	--	MG/KG	0.35 U	0.38 UT	0.41 UT	0.39 U
Carbazole	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Chrysene	**1**	3.9	1	MG/KG	0.35 U	0.25 J	0.41 U	0.39 U
Cresols, M & P	0.33	100	0.33	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.035 U	0.038 U	0.041 U	0.039 U
Dibenzofuran	7	59	210	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Diethyl Phthalate	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Dimethyl Phthalate	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Fluoranthene	100	100	1000	MG/KG	0.35 U	0.5	0.41 U	0.39 U
Fluorene	30	100	386	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Hexachlorobenzene	0.33	1.2	3.2	MG/KG	0.035 U	0.038 U	0.041 U	0.039 U
Hexachlorobutadiene	--	--	--	MG/KG	0.072 U	0.077 U	0.083 U	0.079 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Hexachloroethane	--	--	--	MG/KG	0.035 U	0.038 U	0.041 U	0.039 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	0.5	8.2	MG/KG	0.035 U	0.15	0.041 U	0.039 U
Isophorone	--	--	--	MG/KG	0.14 U	0.15 U	0.16 U	0.16 U
Naphthalene	12	100	12	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Nitrobenzene	--	--	--	MG/KG	0.035 U	0.038 U	0.041 U	0.039 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.035 U	0.038 U	0.041 U	0.039 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-6	SB-7	SB-7	SB-7
				Sample Date:	12/11/2020	01/28/2021	02/03/2021	02/03/2021
				Sample Depth (ft bls)	12 - 14	0 - 2	18 - 20	18 - 20
				Normal Sample or Field Duplicate:	N	N	N	FD
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Pentachlorophenol	0.8	6.7	0.8	MG/KG	0.29 U	0.31 U	0.33 U	0.32 U
Phenanthrene	100	100	1000	MG/KG	0.35 U	0.26 J	0.41 U	0.39 U
Phenol	0.33	100	0.33	MG/KG	0.35 U	0.38 U	0.41 U	0.39 U
Pyrene	100	100	1000	MG/KG	0.35 U	0.42	0.41 U	0.39 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-8	SB-8	SB-9	SB-9
				Sample Date:	01/27/2021	01/27/2021	01/27/2021	01/28/2021
				Sample Depth (ft bls)	0 - 2	12 - 14	0 - 2	18 - 20
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 UT
1,4-Dioxane (P-Dioxane)	0.1	13	0.1	MG/KG	0.12 U	0.11 U	0.11 U	0.1 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 UT
2,4,5-Trichlorophenol	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
2,4,6-Trichlorophenol	--	--	--	MG/KG	0.15 U	0.15 U	0.15 U	0.14 U
2,4-Dichlorophenol	--	--	--	MG/KG	0.15 U	0.15 U	0.15 U	0.14 U
2,4-Dimethylphenol	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
2,4-Dinitrophenol	--	--	--	MG/KG	0.31 U	0.3 U	0.3 U	0.27 U
2,4-Dinitrotoluene	--	--	--	MG/KG	0.077 U	0.076 U	0.075 U	0.068 U
2,6-Dinitrotoluene	--	--	--	MG/KG	0.077 U	0.076 U	0.075 U	0.068 U
2-Chloronaphthalene	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
2-Chlorophenol	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
2-Methylnaphthalene	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
2-Methylphenol (O-Cresol)	**0.33**	100	0.33	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
2-Nitroaniline	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
2-Nitrophenol	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG	0.15 U	0.15 U	0.15 U	0.14 U
3-Nitroaniline	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG	0.31 U	0.3 U	0.3 U	0.27 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
4-Chloroaniline	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 UT
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
4-Nitroaniline	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
4-Nitrophenol	--	--	--	MG/KG	0.77 U	0.76 U	0.75 U	0.68 U
Acenaphthene	20	100	98	MG/KG	0.035 J	0.011 J	0.37 U	0.34 U
Acenaphthylene	100	100	107	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Acetophenone	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Anthracene	100	100	1000	MG/KG	0.096 J	0.023 J	0.014 J	0.34 U
Atrazine	--	--	--	MG/KG	0.15 U	0.15 U	0.15 U	0.14 U
Benzaldehyde	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-8	SB-8	SB-9	SB-9
				Sample Date:	01/27/2021	01/27/2021	01/27/2021	01/28/2021
				Sample Depth (ft bls)	0 - 2	12 - 14	0 - 2	18 - 20
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
Benzo(A)Anthracene	**1**	1	1	MG/KG	0.32	0.053	0.077	0.034 U
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.3	0.046	0.077	0.034 U
Benzo(B)Fluoranthene	**1**	1	1.7	MG/KG	0.35	0.045	0.096	0.034 U
Benzo(G,H,I)Perylene	100	100	1000	MG/KG	0.17 J	0.028 J	0.047 J	0.34 U
Benzo(K)Fluoranthene	**0.8**	3.9	1.7	MG/KG	0.14	0.02 J	0.039	0.034 U
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.038 U	0.037 U	0.037 U	0.034 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.034 J	0.34 U
Caprolactam	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Carbazole	--	--	--	MG/KG	0.033 J	0.37 U	0.37 U	0.34 U
Chrysene	**1**	3.9	1	MG/KG	0.31 J	0.048 J	0.072 J	0.34 U
Cresols, M & P	0.33	100	0.33	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.038 U	0.037 U	0.037 U	0.034 U
Dibenzofuran	7	59	210	MG/KG	0.015 J	0.37 U	0.37 U	0.34 U
Diethyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Dimethyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Fluoranthene	100	100	1000	MG/KG	0.65	0.1 J	0.13 J	0.34 U
Fluorene	30	100	386	MG/KG	0.027 J	0.0098 J	0.37 U	0.34 U
Hexachlorobenzene	0.33	1.2	3.2	MG/KG	0.038 U	0.037 U	0.037 U	0.034 U
Hexachlorobutadiene	--	--	--	MG/KG	0.077 U	0.076 U	0.075 U	0.068 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Hexachloroethane	--	--	--	MG/KG	0.038 U	0.037 U	0.037 U	0.034 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	0.5	8.2	MG/KG	0.2	0.026 J	0.049	0.034 U
Isophorone	--	--	--	MG/KG	0.15 U	0.15 U	0.15 U	0.14 U
Naphthalene	12	100	12	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Nitrobenzene	--	--	--	MG/KG	0.038 U	0.037 U	0.037 U	0.034 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.038 U	0.037 U	0.037 U	0.034 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-8	SB-8	SB-9	SB-9
				Sample Date:	01/27/2021	01/27/2021	01/27/2021	01/28/2021
				Sample Depth (ft bls)	0 - 2	12 - 14	0 - 2	18 - 20
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Pentachlorophenol	0.8	6.7	0.8	MG/KG	0.31 U	0.3 U	0.3 U	0.27 U
Phenanthrene	100	100	1000	MG/KG	0.46	0.13 J	0.075 J	0.34 U
Phenol	0.33	100	0.33	MG/KG	0.38 U	0.37 U	0.37 U	0.34 U
Pyrene	100	100	1000	MG/KG	0.58	0.12 J	0.12 J	0.34 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-10	SB-10	SB-11	SB-11
				Sample Date:	12/09/2020	12/09/2020	12/08/2020	12/08/2020
				Sample Depth (ft bls)	1 - 3	12 - 14	1 - 3	18 - 20
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.1	MG/KG	0.11 U	0.11 U	0.11 U	0.11 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
2,4,5-Trichlorophenol	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
2,4,6-Trichlorophenol	--	--	--	MG/KG	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dichlorophenol	--	--	--	MG/KG	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
2,4-Dinitrophenol	--	--	--	MG/KG	0.3 U	0.3 U	0.29 U	0.3 U
2,4-Dinitrotoluene	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U
2,6-Dinitrotoluene	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U
2-Chloronaphthalene	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
2-Chlorophenol	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
2-Methylnaphthalene	--	--	--	MG/KG	0.065 J	0.37 U	0.37 U	0.38 U
2-Methylphenol (O-Cresol)	**0.33**	100	0.33	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
2-Nitroaniline	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
2-Nitrophenol	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG	0.15 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG	0.3 U	0.3 U	0.29 U	0.3 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
4-Chloroaniline	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
4-Nitroaniline	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
4-Nitrophenol	--	--	--	MG/KG	0.75 U	0.097 J	0.74 U	0.77 U
Acenaphthene	20	100	98	MG/KG	0.34 J	0.37 U	0.029 J	0.38 U
Acenaphthylene	100	100	107	MG/KG	0.15 J	0.37 U	0.018 J	0.38 U
Acetophenone	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Anthracene	100	100	1000	MG/KG	0.6	0.37 U	0.12 J	0.38 U
Atrazine	--	--	--	MG/KG	0.15 U	0.15 U	0.15 U	0.15 U
Benzaldehyde	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-10	SB-10	SB-11	SB-11
				Sample Date:	12/09/2020	12/09/2020	12/08/2020	12/08/2020
				Sample Depth (ft bls)	1 - 3	12 - 14	1 - 3	18 - 20
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
Benzo(A)Anthracene	**1**	1	1	MG/KG	**2.6**	0.037 U	0.36	0.038 U
Benzo(A)Pyrene	**1**	1	22	MG/KG	**2.5**	0.037 U	0.37	0.038 U
Benzo(B)Fluoranthene	**1**	1	1.7	MG/KG	**2.6**	0.037 U	0.46	0.038 U
Benzo(G,H,I)Perylene	100	100	1000	MG/KG	1.3	0.37 U	0.19 J	0.38 U
Benzo(K)Fluoranthene	**0.8**	3.9	1.7	MG/KG	**0.89**	0.037 U	0.16	0.038 U
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.037 U	0.037 U	0.037 U	0.038 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Caprolactam	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Carbazole	--	--	--	MG/KG	0.094 J	0.37 U	0.027 J	0.38 U
Chrysene	**1**	3.9	1	MG/KG	**2.5**	0.37 U	0.35 J	0.38 U
Cresols, M & P	0.33	100	0.33	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	**0.36**	0.037 U	0.051	0.038 U
Dibenzofuran	7	59	210	MG/KG	0.078 J	0.37 U	0.023 J	0.38 U
Diethyl Phthalate	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Dimethyl Phthalate	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Fluoranthene	100	100	1000	MG/KG	4.3	0.37 U	0.75	0.38 U
Fluorene	30	100	386	MG/KG	0.21 J	0.37 U	0.019 J	0.38 U
Hexachlorobenzene	0.33	1.2	3.2	MG/KG	0.037 U	0.037 U	0.037 U	0.038 U
Hexachlorobutadiene	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Hexachloroethane	--	--	--	MG/KG	0.037 U	0.037 U	0.037 U	0.038 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	0.5	8.2	MG/KG	**1.1**	0.037 U	0.22	0.038 U
Isophorone	--	--	--	MG/KG	0.15 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	12	MG/KG	0.076 J	0.37 U	0.023 J	0.38 U
Nitrobenzene	--	--	--	MG/KG	0.037 U	0.037 U	0.037 U	0.038 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.037 U	0.037 U	0.037 U	0.038 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SB-10	SB-10	SB-11	SB-11
				Sample Date:	12/09/2020	12/09/2020	12/08/2020	12/08/2020
				Sample Depth (ft bls)	1 - 3	12 - 14	1 - 3	18 - 20
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Pentachlorophenol	0.8	6.7	0.8	MG/KG	0.3 U	0.3 U	0.29 U	0.3 U
Phenanthrene	100	100	1000	MG/KG	4	0.37 U	0.4	0.38 U
Phenol	0.33	100	0.33	MG/KG	0.37 U	0.37 U	0.37 U	0.38 U
Pyrene	100	100	1000	MG/KG	6.8	0.37 U	0.65	0.38 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-1	SS-2	SS-3	SS-4
				Sample Date:	12/11/2020	12/11/2020	12/07/2020	12/07/2020
				Sample Depth (ft bls)	1 - 3	1 - 3	1 - 3	1 - 3
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.1	MG/KG	0.11 U	0.11 U	0.11 U	0.11 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
2,4,5-Trichlorophenol	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
2,4,6-Trichlorophenol	--	--	--	MG/KG	0.15 U	0.14 U	0.15 U	0.15 U
2,4-Dichlorophenol	--	--	--	MG/KG	0.15 U	0.14 U	0.15 U	0.15 U
2,4-Dimethylphenol	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
2,4-Dinitrophenol	--	--	--	MG/KG	0.31 U	0.29 U	0.31 U	0.3 U
2,4-Dinitrotoluene	--	--	--	MG/KG	0.077 U	0.072 U	0.077 U	0.076 U
2,6-Dinitrotoluene	--	--	--	MG/KG	0.077 U	0.072 U	0.077 U	0.076 U
2-Chloronaphthalene	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
2-Chlorophenol	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
2-Methylnaphthalene	--	--	--	MG/KG	0.38 U	0.36 U	0.019 J	0.37 U
2-Methylphenol (O-Cresol)	**0.33**	100	0.33	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
2-Nitroaniline	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
2-Nitrophenol	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG	0.15 U	0.14 U	0.15 U	0.15 U
3-Nitroaniline	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG	0.31 U	0.29 U	0.31 U	0.3 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
4-Chloroaniline	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
4-Nitroaniline	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
4-Nitrophenol	--	--	--	MG/KG	0.77 U	0.72 U	0.77 U	0.76 U
Acenaphthene	20	100	98	MG/KG	0.38 U	0.36 U	0.046 J	0.02 J
Acenaphthylene	100	100	107	MG/KG	0.38 U	0.061 J	0.38 U	0.37 U
Acetophenone	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Anthracene	100	100	1000	MG/KG	0.013 J	0.044 J	0.12 J	0.37 U
Atrazine	--	--	--	MG/KG	0.15 UT	0.14 UT	0.15 U	0.15 U
Benzaldehyde	--	--	--	MG/KG	0.38 UT	0.36 UT	0.38 U	0.37 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-1	SS-2	SS-3	SS-4
				Sample Date:	12/11/2020	12/11/2020	12/07/2020	12/07/2020
				Sample Depth (ft bls)	1 - 3	1 - 3	1 - 3	1 - 3
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
Benzo(A)Anthracene	**1**	1	1	MG/KG	0.049	0.33	0.31	0.081
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.046	0.43	0.24	0.069
Benzo(B)Fluoranthene	**1**	1	1.7	MG/KG	0.048	0.54	0.31	0.086
Benzo(G,H,I)Perylene	100	100	1000	MG/KG	0.022 J	0.16 J	0.1 J	0.038 J
Benzo(K)Fluoranthene	**0.8**	3.9	1.7	MG/KG	0.02 J	0.19	0.12	0.04
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.038 U	0.036 U	0.038 U	0.037 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Caprolactam	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Carbazole	--	--	--	MG/KG	0.38 U	0.017 J	0.041 J	0.015 J
Chrysene	**1**	3.9	1	MG/KG	0.043 J	0.33 J	0.32 J	0.067 J
Cresols, M & P	0.33	100	0.33	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.038 U	0.056	0.038	0.037 U
Dibenzofuran	7	59	210	MG/KG	0.38 U	0.0094 J	0.036 J	0.37 U
Diethyl Phthalate	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Dimethyl Phthalate	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Fluoranthene	100	100	1000	MG/KG	0.069 J	0.45	0.61	0.13 J
Fluorene	30	100	386	MG/KG	0.38 U	0.01 J	0.041 J	0.017 J
Hexachlorobenzene	0.33	1.2	3.2	MG/KG	0.038 U	0.036 U	0.038 U	0.037 U
Hexachlorobutadiene	--	--	--	MG/KG	0.077 U	0.072 U	0.077 U	0.076 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Hexachloroethane	--	--	--	MG/KG	0.038 U	0.036 U	0.038 U	0.037 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	0.5	8.2	MG/KG	0.022 J	0.19	0.12	0.043
Isophorone	--	--	--	MG/KG	0.15 U	0.14 U	0.15 U	0.15 U
Naphthalene	12	100	12	MG/KG	0.38 U	0.024 J	0.033 J	0.37 U
Nitrobenzene	--	--	--	MG/KG	0.038 U	0.036 U	0.038 U	0.037 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.038 U	0.036 U	0.038 U	0.037 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-1	SS-2	SS-3	SS-4
				Sample Date:	12/11/2020	12/11/2020	12/07/2020	12/07/2020
				Sample Depth (ft bls)	1 - 3	1 - 3	1 - 3	1 - 3
				Normal Sample or Field Duplicate:	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Pentachlorophenol	0.8	6.7	0.8	MG/KG	0.31 U	0.29 U	0.31 U	0.3 U
Phenanthrene	100	100	1000	MG/KG	0.044 J	0.15 J	0.68	0.11 J
Phenol	0.33	100	0.33	MG/KG	0.38 U	0.36 U	0.38 U	0.37 U
Pyrene	100	100	1000	MG/KG	0.068 J	0.45	0.6	0.12 J

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-4	SS-5	SS-6	SS-7
				Sample Date:	12/07/2020	12/07/2020	12/07/2020	12/07/2020
				Sample Depth (ft bls)	1 - 3	0.5 - 2.5	0.5 - 2.5	0.5 - 2.5
				Normal Sample or Field Duplicate:	FD	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.1	MG/KG	0.11 U	0.12 U	0.11 U	0.11 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
2,4,5-Trichlorophenol	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
2,4,6-Trichlorophenol	--	--	--	MG/KG	0.15 U	0.16 U	0.15 U	0.15 U
2,4-Dichlorophenol	--	--	--	MG/KG	0.15 U	0.16 U	0.15 U	0.15 U
2,4-Dimethylphenol	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
2,4-Dinitrophenol	--	--	--	MG/KG	0.3 U	0.31 U	0.3 U	0.3 U
2,4-Dinitrotoluene	--	--	--	MG/KG	0.077 U	0.079 U	0.076 U	0.076 U
2,6-Dinitrotoluene	--	--	--	MG/KG	0.077 U	0.079 U	0.076 U	0.076 U
2-Chloronaphthalene	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
2-Chlorophenol	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
2-Methylnaphthalene	--	--	--	MG/KG	0.018 J	0.14 J	0.014 J	0.012 J
2-Methylphenol (O-Cresol)	**0.33**	100	0.33	MG/KG	0.38 U	0.39 U	0.38 U	**0.38**
2-Nitroaniline	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
2-Nitrophenol	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG	0.15 U	0.16 U	0.15 U	0.15 U
3-Nitroaniline	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG	0.3 U	0.31 U	0.3 U	0.3 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
4-Chloroaniline	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
4-Nitroaniline	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
4-Nitrophenol	--	--	--	MG/KG	0.77 U	0.79 U	0.76 U	0.76 U
Acenaphthene	20	100	98	MG/KG	0.093 J	0.067 J	0.043 J	0.37 U
Acenaphthylene	100	100	107	MG/KG	0.38 U	0.39 U	0.021 J	0.37 U
Acetophenone	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Anthracene	100	100	1000	MG/KG	0.14 J	0.14 J	0.36 J	0.37 U
Atrazine	--	--	--	MG/KG	0.15 U	0.16 U	0.15 U	0.15 U
Benzaldehyde	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-4	SS-5	SS-6	SS-7
				Sample Date:	12/07/2020	12/07/2020	12/07/2020	12/07/2020
				Sample Depth (ft bls)	1 - 3	0.5 - 2.5	0.5 - 2.5	0.5 - 2.5
				Normal Sample or Field Duplicate:	FD	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
Benzo(A)Anthracene	**1**	1	1	MG/KG	0.32	0.22	**2.8**	0.28
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.32	0.2	**2**	0.22
Benzo(B)Fluoranthene	**1**	1	1.7	MG/KG	0.38	0.22	**2.5**	0.33
Benzo(G,H,I)Perylene	100	100	1000	MG/KG	0.13 J	0.084 J	1.2	0.13 J
Benzo(K)Fluoranthene	**0.8**	3.9	1.7	MG/KG	0.15	0.087	**1**	0.12
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.038 U	0.039 U	0.038 U	0.037 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Caprolactam	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Carbazole	--	--	--	MG/KG	0.071 J	0.028 J	0.062 J	0.37 U
Chrysene	**1**	3.9	1	MG/KG	0.27 J	0.23 J	**2.8**	0.31 J
Cresols, M & P	0.33	100	0.33	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.048	0.031 J	**0.42**	0.052
Dibenzofuran	7	59	210	MG/KG	0.043 J	0.04 J	0.019 J	0.37 U
Diethyl Phthalate	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Dimethyl Phthalate	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Fluoranthene	100	100	1000	MG/KG	0.53	0.37 J	3.1	0.3 J
Fluorene	30	100	386	MG/KG	0.07 J	0.082 J	0.014 J	0.37 U
Hexachlorobenzene	0.33	1.2	3.2	MG/KG	0.038 U	0.039 U	0.038 U	0.037 U
Hexachlorobutadiene	--	--	--	MG/KG	0.077 U	0.079 U	0.076 U	0.076 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Hexachloroethane	--	--	--	MG/KG	0.038 U	0.039 U	0.038 U	0.037 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	0.5	8.2	MG/KG	0.17	0.097	**1.2**	0.14
Isophorone	--	--	--	MG/KG	0.15 U	0.16 U	0.15 U	0.15 U
Naphthalene	12	100	12	MG/KG	0.064 J	0.25 J	0.38 U	0.37 U
Nitrobenzene	--	--	--	MG/KG	0.038 U	0.039 U	0.038 U	0.037 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.038 U	0.039 U	0.038 U	0.037 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-4	SS-5	SS-6	SS-7
				Sample Date:	12/07/2020	12/07/2020	12/07/2020	12/07/2020
				Sample Depth (ft bls)	1 - 3	0.5 - 2.5	0.5 - 2.5	0.5 - 2.5
				Normal Sample or Field Duplicate:	FD	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Pentachlorophenol	0.8	6.7	0.8	MG/KG	0.3 U	0.31 U	0.3 U	0.3 U
Phenanthrene	100	100	1000	MG/KG	0.52	0.53	1.7	0.075 J
Phenol	0.33	100	0.33	MG/KG	0.38 U	0.39 U	0.38 U	0.37 U
Pyrene	100	100	1000	MG/KG	0.5	0.43	5.8	0.47

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-8	SS-9
				Sample Date:	12/07/2020	12/09/2020
				Sample Depth (ft bls)	1 - 3	1 - 3
				Normal Sample or Field Duplicate:	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG	0.38 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.1	MG/KG	0.11 U	0.11 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG	0.38 U	0.37 U
2,4,5-Trichlorophenol	--	--	--	MG/KG	0.38 U	0.37 U
2,4,6-Trichlorophenol	--	--	--	MG/KG	0.15 U	0.15 U
2,4-Dichlorophenol	--	--	--	MG/KG	0.15 U	0.15 U
2,4-Dimethylphenol	--	--	--	MG/KG	0.38 U	0.37 U
2,4-Dinitrophenol	--	--	--	MG/KG	0.3 U	0.3 U
2,4-Dinitrotoluene	--	--	--	MG/KG	0.076 U	0.075 U
2,6-Dinitrotoluene	--	--	--	MG/KG	0.076 U	0.075 U
2-Chloronaphthalene	--	--	--	MG/KG	0.38 U	0.37 U
2-Chlorophenol	--	--	--	MG/KG	0.38 U	0.37 U
2-Methylnaphthalene	--	--	--	MG/KG	0.38 U	0.37 U
2-Methylphenol (O-Cresol)	**0.33**	100	0.33	MG/KG	0.38 U	0.37 U
2-Nitroaniline	--	--	--	MG/KG	0.38 U	0.37 U
2-Nitrophenol	--	--	--	MG/KG	0.38 U	0.37 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG	0.15 U	0.15 U
3-Nitroaniline	--	--	--	MG/KG	0.38 U	0.37 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG	0.3 U	0.3 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.37 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG	0.38 U	0.37 U
4-Chloroaniline	--	--	--	MG/KG	0.38 U	0.37 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG	0.38 U	0.37 U
4-Nitroaniline	--	--	--	MG/KG	0.38 U	0.37 U
4-Nitrophenol	--	--	--	MG/KG	0.76 U	0.75 U
Acenaphthene	20	100	98	MG/KG	0.38 U	0.37 U
Acenaphthylene	100	100	107	MG/KG	0.38 U	0.37 U
Acetophenone	--	--	--	MG/KG	0.38 U	0.37 U
Anthracene	100	100	1000	MG/KG	0.38 U	0.37 U
Atrazine	--	--	--	MG/KG	0.15 U	0.15 U
Benzaldehyde	--	--	--	MG/KG	0.38 U	0.37 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-8	SS-9
				Sample Date:	12/07/2020	12/09/2020
				Sample Depth (ft bls)	1 - 3	1 - 3
				Normal Sample or Field Duplicate:	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units		
Benzo(A)Anthracene	**1**	1	1	MG/KG	0.074	0.032 J
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.065	0.031 J
Benzo(B)Fluoranthene	**1**	1	1.7	MG/KG	0.089	0.038
Benzo(G,H,I)Perylene	100	100	1000	MG/KG	0.034 J	0.017 J
Benzo(K)Fluoranthene	**0.8**	3.9	1.7	MG/KG	0.035 J	0.014 J
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.38 U	0.37 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.38 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.038 U	0.037 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.38 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.38 U	0.37 U
Caprolactam	--	--	--	MG/KG	0.38 U	0.37 U
Carbazole	--	--	--	MG/KG	0.38 U	0.37 U
Chrysene	**1**	3.9	1	MG/KG	0.071 J	0.024 J
Cresols, M & P	0.33	100	0.33	MG/KG	0.38 U	0.37 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.038 U	0.037 U
Dibenzofuran	7	59	210	MG/KG	0.38 U	0.37 U
Diethyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U
Dimethyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.37 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.38 U	0.37 U
Fluoranthene	100	100	1000	MG/KG	0.09 J	0.034 J
Fluorene	30	100	386	MG/KG	0.38 U	0.37 U
Hexachlorobenzene	0.33	1.2	3.2	MG/KG	0.038 U	0.037 U
Hexachlorobutadiene	--	--	--	MG/KG	0.076 U	0.075 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.38 U	0.37 U
Hexachloroethane	--	--	--	MG/KG	0.038 U	0.037 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	0.5	8.2	MG/KG	0.041	0.018 J
Isophorone	--	--	--	MG/KG	0.15 U	0.15 U
Naphthalene	12	100	12	MG/KG	0.38 U	0.37 U
Nitrobenzene	--	--	--	MG/KG	0.038 U	0.037 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.038 U	0.037 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	SS-8	SS-9
				Sample Date:	12/07/2020	12/09/2020
				Sample Depth (ft bls)	1 - 3	1 - 3
				Normal Sample or Field Duplicate:	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units		
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.38 U	0.37 U
Pentachlorophenol	0.8	6.7	0.8	MG/KG	0.3 U	0.3 U
Phenanthrene	100	100	1000	MG/KG	0.032 J	0.014 J
Phenol	0.33	100	0.33	MG/KG	0.38 U	0.37 U
Pyrene	100	100	1000	MG/KG	0.099 J	0.042 J

Table 4. Summary of Metals in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-1	SB-1	SB-1	SB-2	SB-2	SB-3
			Sample Date:		01/28/2021	01/28/2021	01/28/2021	12/10/2020	12/10/2020	12/08/2020
			Sample Depth (ft bls)		0 - 2	18 - 20	21 - 23	1 - 3	27 - 29	1 - 3
			Normal Sample or Field Duplicate:		N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	7350	2900	3960	6370	3560	6730
Antimony	--	--	--	MG/KG	0.5 J	0.96 U	1.1 U	0.28 J	1.2 U	0.53 J
Arsenic	**13**	16	16	MG/KG	9.8	0.56 J	1 J	9.7	2.7	6.8
Barium	350	400	820	MG/KG	80.7	8.7	11	82.1	25.8	89.8
Beryllium	7.2	72	47	MG/KG	0.49	0.17 J	0.16 J	0.43	0.31 J	0.42 J
Cadmium	2.5	4.3	7.5	MG/KG	0.37 J	0.96 U	1.1 U	0.72 J	1.2 U	0.55 J
Calcium	--	--	--	MG/KG	1620	137	354	17300	4840	15800
Chromium, Total	**30**	180	--	MG/KG	15.2	6.1	11.1	14.8	12.2 B	18.3
Cobalt	--	--	--	MG/KG	4.4	0.87 J	1.2 J	6	5.2	4.7
Copper	**50**	270	1720	MG/KG	**70.6**	1.9	3.1	**131**	9.2	**101**
Iron	--	--	--	MG/KG	20000	3810	4650	15100	18200	16100
Lead	**63**	400	450	MG/KG	**435**	1.9	2.9	**166**	5.1	**251**
Magnesium	--	--	--	MG/KG	1560	336	834	3090	4180	5540
Manganese	**1600**	2000	2000	MG/KG	334	101	52.2	333	215	258
Mercury	**0.18**	0.81	0.73	MG/KG	**0.29**	0.016 U	0.017 U	**0.39**	0.019 U	**1.1**
Nickel	**30**	310	130	MG/KG	11.8	2.9	4.9	18.4	9.4	13.3
Potassium	--	--	--	MG/KG	540	210	450	623	822	542
Selenium	3.9	180	4	MG/KG	0.76 J	1.2 U	1.3 U	0.57 J	0.14 J	0.51 J
Silver	2	180	8.3	MG/KG	0.14 J	0.96 U	1.1 U	0.32 J	1.2 U	0.31 J
Sodium	--	--	--	MG/KG	66.4 J	26.4 J	38.1 J	186	156	163
Thallium	--	--	--	MG/KG	0.11 J	0.39 U	0.42 U	0.15 J	0.052 J	0.11 J
Vanadium	--	--	--	MG/KG	27.7	7.4	8.3	34.4	23.3	31.2
Zinc	**109**	10000	2480	MG/KG	**130**	9	12.5	**163**	20.3	**242**

Table 4. Summary of Metals in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-3	SB-4	SB-4	SB-5	SB-5	SB-6
			Sample Date:		12/08/2020	12/09/2020	12/09/2020	01/27/2021	01/27/2021	12/11/2020
			Sample Depth (ft bls)		19 - 21	1 - 3	23 - 25	0 - 2	25 - 27	1 - 3
			Normal Sample or Field Duplicate:		N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	10400	7530	2740	6480	4790	13500
Antimony	--	--	--	MG/KG	1.1 U	0.28 J	0.81 U	0.48 J	1.1 U	1.1 U
Arsenic	**13**	16	16	MG/KG	2	7	2.9	9.9	2.4	2.3
Barium	350	400	820	MG/KG	51	70	9.2	173	48.6	51
Beryllium	7.2	72	47	MG/KG	0.53	0.44	0.31 J	0.48	0.47	0.43 J
Cadmium	2.5	4.3	7.5	MG/KG	1.1 U	0.29 J	0.81 U	0.47 J	1.1 U	1.1 U
Calcium	--	--	--	MG/KG	2100	7040	390	1090	1170	1350
Chromium, Total	**30**	180	--	MG/KG	**31.1**	16	9.9	18.1	20.8	18.9 B
Cobalt	--	--	--	MG/KG	5.4	5.8	4	6.2	7.3	4.4
Copper	**50**	270	1720	MG/KG	26.3	**72.8**	6	**94.8**	17.9	14.3
Iron	--	--	--	MG/KG	18000	22400	14400	23600	19700	11500
Lead	**63**	400	450	MG/KG	26.1	**164**	3.5	**207**	14.2	**88.2**
Magnesium	--	--	--	MG/KG	2240	2560	622	1550	1740	2350
Manganese	**1600**	2000	2000	MG/KG	88.5	776	221	**1740**	416	192
Mercury	**0.18**	0.81	0.73	MG/KG	**0.41**	0.14	0.017 U	**0.27**	**0.23**	0.036
Nickel	**30**	310	130	MG/KG	15.2	11.8	6.3	13.7	12.3	13
Potassium	--	--	--	MG/KG	952	761	317	754	1010	702
Selenium	3.9	180	4	MG/KG	0.17 J	0.36 J	1 U	0.48 J	0.12 J	0.21 J
Silver	2	180	8.3	MG/KG	1.1 U	0.13 J	0.81 U	0.32 J	1.1 U	1.1 U
Sodium	--	--	--	MG/KG	305	127	41.8 J	55.6 J	85.9 J	77.8 J
Thallium	--	--	--	MG/KG	0.092 J	0.14 J	0.32 U	0.12 J	0.095 J	0.11 J
Vanadium	--	--	--	MG/KG	61.2	26.7	17	34.1	24.8	19.8
Zinc	**109**	10000	2480	MG/KG	90	**114**	20.3	**158**	32.3	79.6

Table 4. Summary of Metals in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-6	SB-7	SB-7	SB-7	SB-8	SB-8
			Sample Date:		12/11/2020	01/28/2021	02/03/2021	02/03/2021	01/27/2021	01/27/2021
			Sample Depth (ft bls)		12 - 14	0 - 2	18 - 20	18 - 20	0 - 2	12 - 14
			Normal Sample or Field Duplicate:		N	N	N	FD	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	1920	7770	6410	5240	8500	6510
Antimony	--	--	--	MG/KG	1.1 U	0.57 J	0.98 U	0.93 U	0.28 J	1.1 U
Arsenic	**13**	16	16	MG/KG	3.6	9.8	2	1.8	7	2.7
Barium	350	400	820	MG/KG	10.5	101	43.9	31.5	67.9	46.9
Beryllium	7.2	72	47	MG/KG	0.086 J	0.61	0.68	0.51	0.42 J	0.58
Cadmium	2.5	4.3	7.5	MG/KG	1.1 U	0.58 J	0.98 U	0.93 U	0.23 J	1.1 U
Calcium	--	--	--	MG/KG	154	4230	723	880	2190	1350
Chromium, Total	**30**	180	--	MG/KG	4.5 B	15.7	23.1	17.8	19.9	21.2
Cobalt	--	--	--	MG/KG	1.4 J	5.8	8.8	7.2	6.1	7.8
Copper	**50**	270	1720	MG/KG	1.2 J	**126**	10.3	8.9	**80**	26.9
Iron	--	--	--	MG/KG	11900	17200	19300	15200	15500	21700
Lead	**63**	400	450	MG/KG	1.8	**261**	5	4.5	**104**	21.7
Magnesium	--	--	--	MG/KG	235	1930	1560	1380	2170	1760
Manganese	**1600**	2000	2000	MG/KG	50.7	327	149	107	256	325
Mercury	**0.18**	0.81	0.73	MG/KG	0.017 U	**0.41**	0.015 J	0.0053 J	**0.44**	0.018 U
Nickel	**30**	310	130	MG/KG	2.3	14.1	14	12.3	14.4	14
Potassium	--	--	--	MG/KG	243	638	828	683	1130	1070
Selenium	3.9	180	4	MG/KG	1.3 U	0.65 J	0.18 J	0.2 J	0.24 J	1.3 U
Silver	2	180	8.3	MG/KG	1.1 U	0.43 J	0.98 U	0.93 U	0.18 J	1.1 U
Sodium	--	--	--	MG/KG	17.5 J	58.9 J	62.5 J	63.5 J	535	69.2 J
Thallium	--	--	--	MG/KG	0.43 U	0.15 J	0.1 J	0.084 J	0.13 J	0.096 J
Vanadium	--	--	--	MG/KG	3.5	29	28.5	23.3	30.2	39.3
Zinc	**109**	10000	2480	MG/KG	9	**205**	37.2	32.8	**149**	48.6

Table 4. Summary of Metals in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-9	SB-9	SB-10	SB-10	SB-11	SB-11
			Sample Date:		01/27/2021	01/28/2021	12/09/2020	12/09/2020	12/08/2020	12/08/2020
			Sample Depth (ft bls)		0 - 2	18 - 20	1 - 3	12 - 14	1 - 3	18 - 20
			Normal Sample or Field Duplicate:		N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	6280	3640	2490	5800	8940	10400
Antimony	--	--	--	MG/KG	0.35 J	0.96 U	0.87 U	0.87 U	0.18 J	1.1 U
Arsenic	**13**	16	16	MG/KG	5.7	1.3	2.1	2.5	**18.1**	2.4
Barium	350	400	820	MG/KG	67.7	21.9	32.9	34.5	54.5	70.9
Beryllium	7.2	72	47	MG/KG	0.53	0.26 J	0.14 J	0.42	0.42 J	0.72
Cadmium	2.5	4.3	7.5	MG/KG	0.46 J	0.96 U	0.87 U	0.13 J	0.12 J	1.1 U
Calcium	--	--	--	MG/KG	1340	1090	2980	692	6050	2940
Chromium, Total	**30**	180	--	MG/KG	21.8	9.7	5.8	16.1	16.4	26
Cobalt	--	--	--	MG/KG	8.5	3.5	2.6	6.5	5.6	9.7
Copper	**50**	270	1720	MG/KG	**135**	12.5	19.8	9.8	47.8	18.6
Iron	--	--	--	MG/KG	16900	9010	5220	22800	16100	31600
Lead	**63**	400	450	MG/KG	**186**	3.1	50.2	5	**133**	6.9
Magnesium	--	--	--	MG/KG	2080	1900	604	1380	2400	4630
Manganese	**1600**	2000	2000	MG/KG	440	228	92.5	861	291	763
Mercury	**0.18**	0.81	0.73	MG/KG	**0.48**	0.017 U	**1.8**	0.019 U	**1**	0.018 U
Nickel	**30**	310	130	MG/KG	16.6	7.8	6.3	12.7	11.9	19.7
Potassium	--	--	--	MG/KG	1050	507	311	770	822	2360
Selenium	3.9	180	4	MG/KG	0.24 J	1.2 U	0.18 J	1.1 U	0.25 J	1.3 U
Silver	2	180	8.3	MG/KG	0.24 J	0.96 U	0.87 U	0.87 U	0.11 J	1.1 U
Sodium	--	--	--	MG/KG	69 J	101	107	66.8 J	323	334
Thallium	--	--	--	MG/KG	0.13 J	0.39 U	0.055 J	0.098 J	0.11 J	0.21 J
Vanadium	--	--	--	MG/KG	35	15.8	8.8	22.1	24.4	39.9
Zinc	**109**	10000	2480	MG/KG	108	17.3	29.3	27.5	79.9	38.9

Table 4. Summary of Metals in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SS-1	SS-2	SS-3	SS-4	SS-4	SS-5
			Sample Date:		12/11/2020	12/11/2020	12/07/2020	12/07/2020	12/07/2020	12/07/2020
			Sample Depth (ft bls)		1 - 3	1 - 3	1 - 3	1 - 3	1 - 3	0.5 - 2.5
			Normal Sample or Field Duplicate:		N	N	N	N	FD	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	10100	6520	6790	6950	6610	10100
Antimony	--	--	--	MG/KG	1.1 U	0.23 J	1.1 U	1.1 U	0.19 J	0.39 J
Arsenic	**13**	16	16	MG/KG	0.65 J	6.2	2.7	2.1	2.6	9
Barium	350	400	820	MG/KG	35.1	80	28.4	26.3	65.7	91.3
Beryllium	7.2	72	47	MG/KG	0.28 J	0.38 J	0.39 J	0.32 J	0.28 J	0.66
Cadmium	2.5	4.3	7.5	MG/KG	1.1 U	0.24 J	1.1 U	1.1 U	0.12 J	0.25 J
Calcium	--	--	--	MG/KG	1090	49100	13300	15400	18100	2690
Chromium, Total	**30**	180	--	MG/KG	14.4 B	16.8 B	**32.4**	15	14.9	**132**
Cobalt	--	--	--	MG/KG	2.8	5.1	3.7	3.2	4.1	10.5
Copper	**50**	270	1720	MG/KG	4.6	**63.2**	18.5	22.5	21.1	**52.3**
Iron	--	--	--	MG/KG	9870	15400	13700	7680	7950	35000
Lead	**63**	400	450	MG/KG	5.6	**183**	11.1	20.6	29.9	54
Magnesium	--	--	--	MG/KG	2030	19700	3500	4910	4880	3820
Manganese	**1600**	2000	2000	MG/KG	96.8	490	79.2	77.3	385	1350
Mercury	**0.18**	0.81	0.73	MG/KG	0.019	**0.24**	0.095	0.18	0.099	0.17
Nickel	**30**	310	130	MG/KG	10.2	10.5	17.4	10.7	12.5	**31.6**
Potassium	--	--	--	MG/KG	536	822	605	587	627	2030
Selenium	3.9	180	4	MG/KG	1.4 U	0.53 J	0.17 J	0.2 J	0.19 J	0.14 J
Silver	2	180	8.3	MG/KG	1.1 U	0.43 J	1.1 U	1.1 U	0.12 J	1.1 U
Sodium	--	--	--	MG/KG	47.3 J	148	104 J	138	159	153
Thallium	--	--	--	MG/KG	0.068 J	0.13 J	0.056 J	0.061 J	0.071 J	0.57
Vanadium	--	--	--	MG/KG	16.2	30.2	24.6	19.2	16.7	55.4
Zinc	**109**	10000	2480	MG/KG	47.6	**336**	23.7	39.5	54.4	86.9

Table 4. Summary of Metals in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SS-6	SS-7	SS-8	SS-9
			Sample Date:		12/07/2020	12/07/2020	12/07/2020	12/09/2020
			Sample Depth (ft bls)		0.5 - 2.5	0.5 - 2.5	1 - 3	1 - 3
			Normal Sample or Field Duplicate:		N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
Aluminum	--	--	--	MG/KG	8300	7580	6020	5910
Antimony	--	--	--	MG/KG	1.1 U	0.41 J	1.1 U	0.16 J
Arsenic	**13**	16	16	MG/KG	2.6	5.6	2.9	4.4
Barium	350	400	820	MG/KG	52.9	77	63.7	138
Beryllium	7.2	72	47	MG/KG	0.47	1.4	0.36 J	0.37
Cadmium	2.5	4.3	7.5	MG/KG	1.1 U	1.8	1.1 U	0.12 J
Calcium	--	--	--	MG/KG	3370	16000	17200	24100
Chromium, Total	**30**	180	--	MG/KG	20.3	20.4	22.8	14.4
Cobalt	--	--	--	MG/KG	8.7	33.2	6.2	5.6
Copper	**50**	270	1720	MG/KG	26.4	**123**	29.1	34
Iron	--	--	--	MG/KG	21700	28100	18300	18300
Lead	**63**	400	450	MG/KG	29.9	62.9	24.8	**116**
Magnesium	--	--	--	MG/KG	2280	2240	2560	1670
Manganese	**1600**	2000	2000	MG/KG	343	968	339	341
Mercury	**0.18**	0.81	0.73	MG/KG	0.039	0.11	0.11	0.055
Nickel	**30**	310	130	MG/KG	14.7	**58**	15.3	11.7
Potassium	--	--	--	MG/KG	979	840	1080	728
Selenium	3.9	180	4	MG/KG	0.26 J	0.37 J	1.3 U	0.24 J
Silver	2	180	8.3	MG/KG	1.1 U	0.11 J	0.23 J	0.099 J
Sodium	--	--	--	MG/KG	97.4 J	152	173	360
Thallium	--	--	--	MG/KG	0.12 J	0.19 J	0.14 J	0.093 J
Vanadium	--	--	--	MG/KG	30.4	27.2	24.8	24.2
Zinc	**109**	10000	2480	MG/KG	47.4	**309**	41.5	104

Table 5. Summary of Polychlorinated Biphenyls in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:	SB-1	SB-1	SB-1	SB-2	SB-2
			Sample Date:	01/28/2021	01/28/2021	01/28/2021	12/10/2020	12/10/2020
			Sample Depth (ft bls)	0 - 2	18 - 20	21 - 23	1 - 3	27 - 29
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U	0.077 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U	0.077 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U	0.077 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U	0.077 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U	0.077 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U	0.077 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U	0.077 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U	0.077 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U	0.077 U
Polychlorinated Biphenyl (PCBs)	0.1	1	3.2	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U	0.077 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-3	SB-3	SB-4	SB-4	SB-5
			Sample Date:		12/08/2020	12/08/2020	12/09/2020	12/09/2020	01/27/2021
			Sample Depth (ft bls)		1 - 3	19 - 21	1 - 3	23 - 25	0 - 2
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.075 U	0.082 U	0.076 U	0.069 U	0.075 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.075 U	0.082 U	0.076 U	0.069 U	0.075 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.075 U	0.082 U	0.076 U	0.069 U	0.075 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.075 U	0.082 U	0.076 U	0.069 U	0.075 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.075 U	0.082 U	0.076 U	0.069 U	0.075 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.075 U	0.082 U	0.076 U	0.069 U	0.075 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.075 U	0.082 U	0.076 U	0.069 U	0.075 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.075 U	0.082 U	0.076 U	0.069 U	0.075 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.075 U	0.082 U	0.076 U	0.069 U	0.075 U
Polychlorinated Biphenyl (PCBs)	0.1	1	3.2	MG/KG	0.075 U	0.082 U	0.076 U	0.069 U	0.075 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-5	SB-6	SB-6	SB-7	SB-7
			Sample Date:		01/27/2021	12/11/2020	12/11/2020	01/28/2021	02/03/2021
			Sample Depth (ft bls)		25 - 27	1 - 3	12 - 14	0 - 2	18 - 20
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.077 U	0.076 U	0.072 U	0.077 U	0.083 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.077 U	0.076 U	0.072 U	0.077 U	0.083 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.077 U	0.076 U	0.072 U	0.077 U	0.083 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.077 U	0.076 U	0.072 U	0.077 U	0.083 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.077 U	0.076 U	0.072 U	0.077 U	0.083 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.077 U	0.076 U	0.072 U	0.077 U	0.083 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.077 U	0.076 U	0.072 U	0.077 U	0.083 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.077 U	0.076 U	0.072 U	0.077 U	0.083 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.077 U	0.076 U	0.072 U	0.077 U	0.083 U
Polychlorinated Biphenyl (PCBs)	0.1	1	3.2	MG/KG	0.077 U	0.076 U	0.072 U	0.077 U	0.083 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-7	SB-8	SB-8	SB-9	SB-9
			Sample Date:		02/03/2021	01/27/2021	01/27/2021	01/27/2021	01/28/2021
			Sample Depth (ft bls)		18 - 20	0 - 2	12 - 14	0 - 2	18 - 20
			Normal Sample or Field Duplicate:		FD	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.079 U	0.077 U	0.076 U	0.075 U	0.068 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.079 U	0.077 U	0.076 U	0.075 U	0.068 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.079 U	0.077 U	0.076 U	0.075 U	0.068 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.079 U	0.077 U	0.076 U	0.075 U	0.068 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.079 U	0.077 U	0.076 U	0.075 U	0.068 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.079 U	0.077 U	0.076 U	0.075 U	0.068 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.079 U	0.077 U	0.076 U	0.075 U	0.068 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.079 U	0.077 U	0.076 U	0.075 U	0.068 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.079 U	0.077 U	0.076 U	0.075 U	0.068 U
Polychlorinated Biphenyl (PCBs)	0.1	1	3.2	MG/KG	0.079 U	0.077 U	0.076 U	0.075 U	0.068 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:	SB-10	SB-10	SB-11	SB-11	SS-1
			Sample Date:	12/09/2020	12/09/2020	12/08/2020	12/08/2020	12/11/2020
			Sample Depth (ft bls)	1 - 3	12 - 14	1 - 3	18 - 20	1 - 3
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U	0.077 U
Polychlorinated Biphenyl (PCBs)	0.1	1	3.2	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U	0.077 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SS-2	SS-3	SS-4	SS-4	SS-5
			Sample Date:		12/11/2020	12/07/2020	12/07/2020	12/07/2020	12/07/2020
			Sample Depth (ft bls)		1 - 3	1 - 3	1 - 3	1 - 3	0.5 - 2.5
			Normal Sample or Field Duplicate:		N	N	N	FD	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.072 U	0.077 U	0.076 U	0.077 U	0.079 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.072 U	0.077 U	0.076 U	0.077 U	0.079 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.072 U	0.077 U	0.076 U	0.077 U	0.079 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.072 U	0.077 U	0.076 U	0.077 U	0.079 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.072 U	0.077 U	0.076 U	0.077 U	0.079 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.072 U	0.077 U	0.076 U	0.077 U	0.079 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.072 U	0.077 U	0.076 U	0.077 U	0.079 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.072 U	0.077 U	0.076 U	0.077 U	0.079 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.072 U	0.077 U	0.076 U	0.077 U	0.079 U
Polychlorinated Biphenyl (PCBs)	0.1	1	3.2	MG/KG	0.072 U	0.077 U	0.076 U	0.077 U	0.079 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SS-6	SS-7	SS-8	SS-9
			Sample Date:		12/07/2020	12/07/2020	12/07/2020	12/09/2020
			Sample Depth (ft bls)		0.5 - 2.5	0.5 - 2.5	1 - 3	1 - 3
			Normal Sample or Field Duplicate:		N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.076 U	0.076 U	0.076 U	0.075 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.076 U	0.076 U	0.076 U	0.075 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.076 U	0.076 U	0.076 U	0.075 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.076 U	0.076 U	0.076 U	0.075 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.076 U	0.076 U	0.076 U	0.075 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.076 U	0.076 U	0.076 U	0.075 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.076 U	0.076 U	0.076 U	0.075 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.076 U	0.076 U	0.076 U	0.075 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.076 U	0.076 U	0.076 U	0.075 U
Polychlorinated Biphenyl (PCBs)	0.1	1	3.2	MG/KG	0.076 U	0.076 U	0.076 U	0.075 U

Table 6. Summary of Pesticides in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-1	SB-1	SB-1	SB-2	SB-2
			Sample Date:		01/28/2021	01/28/2021	01/28/2021	12/10/2020	12/10/2020
			Sample Depth (ft bls):		0 - 2	18 - 20	21 - 23	1 - 3	27 - 29
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Aldrin	0.005	0.097	0.19	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.02	MG/KG	0.0022 U	0.0021 U	0.0021 U	0.0022 U	0.0023 U
Alpha Endosulfan	2.4	24	102	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.09	MG/KG	0.0022 U	0.0021 U	0.0021 U	0.0022 U	0.0023 U
Beta Endosulfan	2.4	24	102	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
cis-Chlordane	0.094	4.2	2.9	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0098	0.0077 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.25	MG/KG	0.0022 U	0.0021 U	0.0021 U	0.0022 U	0.0023 U
Dieldrin	0.005	0.2	0.1	MG/KG	0.0022 U	0.0021 U	0.0021 U	0.0022 U	0.0023 U
Endosulfan Sulfate	2.4	24	1000	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
Endrin	0.014	11	0.06	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
Endrin Aldehyde	--	--	--	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
Endrin Ketone	--	--	--	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
Gamma Bhc (Lindane)	0.1	1.3	0.1	MG/KG	0.0022 U	0.0021 U	0.0021 U	0.0022 U	0.0023 U
Heptachlor	0.042	2.1	0.38	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
Methoxychlor	--	--	--	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
P,P'-DDD	**0.0033**	13	14	MG/KG	0.0075 U	0.007 U	0.0071 U	**0.0037 J**	0.0077 U
P,P'-DDE	**0.0033**	8.9	17	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
P,P'-DDT	**0.0033**	7.9	136	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0075 U	0.0077 U
Toxaphene	--	--	--	MG/KG	0.075 U	0.07 U	0.071 U	0.075 U	0.077 U
trans-Chlordane	--	--	--	MG/KG	0.0075 U	0.007 U	0.0071 U	0.0094	0.0077 U

Table 6. Summary of Pesticides in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-3	SB-3	SB-4	SB-4	SB-5
			Sample Date:		12/08/2020	12/08/2020	12/09/2020	12/09/2020	01/27/2021
			Sample Depth (ft bls):		1 - 3	19 - 21	1 - 3	23 - 25	0 - 2
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Aldrin	0.005	0.097	0.19	MG/KG	0.0075 U	0.0082 U	0.0076 U	0.0069 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.02	MG/KG	0.0023 U	0.0024 U	0.0023 U	0.0021 U	0.0022 U
Alpha Endosulfan	2.4	24	102	MG/KG	0.0075 U	0.0082 U	0.0076 U	0.0069 U	0.0075 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.09	MG/KG	0.0023 U	0.0024 U	0.0023 U	0.0021 U	0.0022 U
Beta Endosulfan	2.4	24	102	MG/KG	0.0075 U	0.0082 U	0.0076 U	0.0069 U	0.0075 U
cis-Chlordane	0.094	4.2	2.9	MG/KG	0.019	0.0082 U	0.0076 U	0.0069 U	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.25	MG/KG	0.0023 U	0.0024 U	0.0023 U	0.0021 U	0.0022 U
Dieldrin	0.005	0.2	0.1	MG/KG	0.0023 U	0.0024 U	0.0023 U	0.0021 U	0.0022 U
Endosulfan Sulfate	2.4	24	1000	MG/KG	0.0075 U	0.0082 U	0.0076 U	0.0069 U	0.0075 U
Endrin	0.014	11	0.06	MG/KG	0.0075 U	0.0082 U	0.0076 U	0.0069 U	0.0075 U
Endrin Aldehyde	--	--	--	MG/KG	0.0075 U	0.0082 U	0.0076 U	0.0069 U	0.0075 U
Endrin Ketone	--	--	--	MG/KG	0.0075 U	0.0082 U	0.0076 U	0.0069 U	0.0075 U
Gamma Bhc (Lindane)	0.1	1.3	0.1	MG/KG	0.0023 U	0.0024 U	0.0023 U	0.0021 U	0.0022 U
Heptachlor	0.042	2.1	0.38	MG/KG	0.0075 U	0.0082 U	0.0076 U	0.0069 U	0.0075 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0075 U	0.0082 U	0.0076 U	0.0069 U	0.0075 U
Methoxychlor	--	--	--	MG/KG	0.0075 U	0.0082 U	0.0076 U	0.0069 U	0.0075 U
P,P'-DDD	**0.0033**	13	14	MG/KG	**0.041**	0.0082 U	0.0076 U	0.0069 U	0.0075 U
P,P'-DDE	**0.0033**	8.9	17	MG/KG	**0.035**	0.0082 U	0.0076 U	0.0069 U	**0.011**
P,P'-DDT	**0.0033**	7.9	136	MG/KG	**0.046**	0.0082 U	0.0029 JP	0.0069 U	**0.021**
Toxaphene	--	--	--	MG/KG	0.075 U	0.082 U	0.076 U	0.069 U	0.075 U
trans-Chlordane	--	--	--	MG/KG	0.013 P	0.0082 U	0.0076 U	0.0069 U	0.0075 U

Table 6. Summary of Pesticides in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-5	SB-6	SB-6	SB-7	SB-7
			Sample Date:		01/27/2021	12/11/2020	12/11/2020	01/28/2021	02/03/2021
			Sample Depth (ft bls):		25 - 27	1 - 3	12 - 14	0 - 2	18 - 20
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Aldrin	0.005	0.097	0.19	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.02	MG/KG	0.0023 U	0.0023 U	0.0022 U	0.0023 U	0.0025 U
Alpha Endosulfan	2.4	24	102	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.09	MG/KG	0.0023 U	0.0023 U	0.0022 U	0.0023 U	0.0025 U
Beta Endosulfan	2.4	24	102	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
cis-Chlordane	0.094	4.2	2.9	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.25	MG/KG	0.0023 U	0.0023 U	0.0022 U	0.0023 U	0.0025 U
Dieldrin	0.005	0.2	0.1	MG/KG	0.0023 U	0.0023 U	0.0022 U	0.0023 U	0.0025 U
Endosulfan Sulfate	2.4	24	1000	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
Endrin	0.014	11	0.06	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
Endrin Aldehyde	--	--	--	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
Endrin Ketone	--	--	--	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
Gamma Bhc (Lindane)	0.1	1.3	0.1	MG/KG	0.0023 U	0.0023 U	0.0022 U	0.0023 U	0.0025 U
Heptachlor	0.042	2.1	0.38	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
Methoxychlor	--	--	--	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
P,P'-DDD	**0.0033**	13	14	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U
P,P'-DDE	**0.0033**	8.9	17	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.003 J	0.0083 U
P,P'-DDT	**0.0033**	7.9	136	MG/KG	0.0077 U	0.0076 U	0.0072 U	**0.0048 J**	0.0083 U
Toxaphene	--	--	--	MG/KG	0.077 U	0.076 U	0.072 U	0.077 U	0.083 U
trans-Chlordane	--	--	--	MG/KG	0.0077 U	0.0076 U	0.0072 U	0.0077 U	0.0083 U

Table 6. Summary of Pesticides in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-7	SB-8	SB-8	SB-9	SB-9
			Sample Date:		02/03/2021	01/27/2021	01/27/2021	01/27/2021	01/28/2021
			Sample Depth (ft bls)		18 - 20	0 - 2	12 - 14	0 - 2	18 - 20
			Normal Sample or Field Duplicate:		FD	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Aldrin	0.005	0.097	0.19	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.02	MG/KG	0.0024 U	0.0023 U	0.0023 U	0.0022 U	0.002 U
Alpha Endosulfan	2.4	24	102	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.09	MG/KG	0.0024 U	0.0023 U	0.0023 U	0.0022 U	0.002 U
Beta Endosulfan	2.4	24	102	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
cis-Chlordane	0.094	4.2	2.9	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.25	MG/KG	0.0024 U	0.0023 U	0.0023 U	0.0022 U	0.002 U
Dieldrin	0.005	0.2	0.1	MG/KG	0.0024 U	0.0023 U	0.0023 U	0.0022 U	0.002 U
Endosulfan Sulfate	2.4	24	1000	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
Endrin	0.014	11	0.06	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
Endrin Aldehyde	--	--	--	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
Endrin Ketone	--	--	--	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
Gamma Bhc (Lindane)	0.1	1.3	0.1	MG/KG	0.0024 U	0.0023 U	0.0023 U	0.0022 U	0.002 U
Heptachlor	0.042	2.1	0.38	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
Methoxychlor	--	--	--	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
P,P'-DDD	**0.0033**	13	14	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U
P,P'-DDE	**0.0033**	8.9	17	MG/KG	0.0079 U	0.0077 U	0.0076 U	**0.014**	0.0068 U
P,P'-DDT	**0.0033**	7.9	136	MG/KG	0.0079 U	0.0077 U	0.0076 U	**0.032**	0.0068 U
Toxaphene	--	--	--	MG/KG	0.079 U	0.077 U	0.076 U	0.075 U	0.068 U
trans-Chlordane	--	--	--	MG/KG	0.0079 U	0.0077 U	0.0076 U	0.0075 U	0.0068 U

Table 6. Summary of Pesticides in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SB-10	SB-10	SB-11	SB-11	SS-1
			Sample Date:		12/09/2020	12/09/2020	12/08/2020	12/08/2020	12/11/2020
			Sample Depth (ft bls):		1 - 3	12 - 14	1 - 3	18 - 20	1 - 3
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Aldrin	0.005	0.097	0.19	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.02	MG/KG	0.0022 U	0.0022 U	0.0022 U	0.0023 U	0.0023 U
Alpha Endosulfan	2.4	24	102	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.09	MG/KG	0.0022 U	0.0022 U	0.0022 U	0.0023 U	0.0023 U
Beta Endosulfan	2.4	24	102	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U
cis-Chlordane	0.094	4.2	2.9	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.25	MG/KG	0.0022 U	0.0022 U	0.0022 U	0.0023 U	0.0023 U
Dieldrin	0.005	0.2	0.1	MG/KG	0.0022 U	0.0022 U	0.0022 U	0.0023 U	0.0023 U
Endosulfan Sulfate	2.4	24	1000	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U
Endrin	0.014	11	0.06	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U
Endrin Aldehyde	--	--	--	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U
Endrin Ketone	--	--	--	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U
Gamma Bhc (Lindane)	0.1	1.3	0.1	MG/KG	0.0022 U	0.0022 U	0.0022 U	0.0023 U	0.0023 U
Heptachlor	0.042	2.1	0.38	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U
Methoxychlor	--	--	--	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U
P,P'-DDD	**0.0033**	13	14	MG/KG	**0.0063 J**	0.0075 U	0.003 JP	0.0077 U	0.0077 U
P,P'-DDE	**0.0033**	8.9	17	MG/KG	0.0075 U	0.0075 U	**0.0057 J**	0.0077 U	0.0077 U
P,P'-DDT	**0.0033**	7.9	136	MG/KG	0.0024 JP	0.0075 U	0.003 J	0.0077 U	0.0077 U
Toxaphene	--	--	--	MG/KG	0.075 U	0.075 U	0.074 U	0.077 U	0.077 U
trans-Chlordane	--	--	--	MG/KG	0.0075 U	0.0075 U	0.0074 U	0.0077 U	0.0077 U

Table 6. Summary of Pesticides in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SS-2	SS-3	SS-4	SS-4	SS-5
			Sample Date:		12/11/2020	12/07/2020	12/07/2020	12/07/2020	12/07/2020
			Sample Depth (ft bls):		1 - 3	1 - 3	1 - 3	1 - 3	0.5 - 2.5
			Normal Sample or Field Duplicate:		N	N	N	FD	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Aldrin	0.005	0.097	0.19	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.02	MG/KG	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0024 U
Alpha Endosulfan	2.4	24	102	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.09	MG/KG	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0024 U
Beta Endosulfan	2.4	24	102	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
cis-Chlordane	0.094	4.2	2.9	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.25	MG/KG	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0024 U
Dieldrin	0.005	0.2	0.1	MG/KG	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0024 U
Endosulfan Sulfate	2.4	24	1000	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
Endrin	0.014	11	0.06	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
Endrin Aldehyde	--	--	--	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
Endrin Ketone	--	--	--	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
Gamma Bhc (Lindane)	0.1	1.3	0.1	MG/KG	0.0022 U	0.0023 U	0.0023 U	0.0023 U	0.0024 U
Heptachlor	0.042	2.1	0.38	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
Methoxychlor	--	--	--	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
P,P'-DDD	**0.0033**	13	14	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U
P,P'-DDE	**0.0033**	8.9	17	MG/KG	0.0072 U	0.0022 J	0.0076 U	0.0077 U	0.0079 U
P,P'-DDT	**0.0033**	7.9	136	MG/KG	0.0024 J	0.0077 U	0.0076 U	0.0077 U	0.0079 U
Toxaphene	--	--	--	MG/KG	0.072 U	0.077 U	0.076 U	0.077 U	0.079 U
trans-Chlordane	--	--	--	MG/KG	0.0072 U	0.0077 U	0.0076 U	0.0077 U	0.0079 U

Table 6. Summary of Pesticides in Soil, 288 Jackson Street, Brooklyn, New York

			Sample Designation:		SS-6	SS-7	SS-8	SS-9
			Sample Date:		12/07/2020	12/07/2020	12/07/2020	12/09/2020
			Sample Depth (ft bls)		0.5 - 2.5	0.5 - 2.5	1 - 3	1 - 3
			Normal Sample or Field Duplicate:		N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
Aldrin	0.005	0.097	0.19	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.02	MG/KG	0.0023 U	0.0023 U	0.0023 U	0.0022 U
Alpha Endosulfan	2.4	24	102	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.09	MG/KG	0.0023 U	0.0023 U	0.0023 U	0.0022 U
Beta Endosulfan	2.4	24	102	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
cis-Chlordane	0.094	4.2	2.9	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.25	MG/KG	0.0023 U	0.0023 U	0.0023 U	0.0022 U
Dieldrin	0.005	0.2	0.1	MG/KG	0.0023 U	0.0023 U	0.0023 U	0.0022 U
Endosulfan Sulfate	2.4	24	1000	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
Endrin	0.014	11	0.06	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
Endrin Aldehyde	--	--	--	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
Endrin Ketone	--	--	--	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
Gamma Bhc (Lindane)	0.1	1.3	0.1	MG/KG	0.0023 U	0.0023 U	0.0023 U	0.0022 U
Heptachlor	0.042	2.1	0.38	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
Methoxychlor	--	--	--	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
P,P'-DDD	**0.0033**	13	14	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
P,P'-DDE	**0.0033**	8.9	17	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
P,P'-DDT	**0.0033**	7.9	136	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U
Toxaphene	--	--	--	MG/KG	0.076 U	0.076 U	0.076 U	0.075 U
trans-Chlordane	--	--	--	MG/KG	0.0076 U	0.0076 U	0.0076 U	0.0075 U

Table 7. Summary of Volatile Organic Compounds in Groundwater, 288 Jackson Street, Brooklyn, New York

Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units	Sample Designation: TW-1 Sample Date: 01/28/2021 Normal Sample or Field Duplicate: N	TW-2 12/11/2020 N	TW-3 12/08/2020 N	TW-4 12/09/2020 N	TW-4 12/09/2020 FD	TW-5 01/27/2021 N
1,1,1-Trichloroethane (TCA)	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	UG/L	1 U	1.3	1 U	0.7 J	0.47 J	1 U
1,1-Dichloroethene	5	UG/L	1 U	2.7	1 U	1.4	0.96 J	1 U
1,2,3-Trichlorobenzene	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	--	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	60	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	--	UG/L	1 U	1 U	1 U	0.58 J	1 U	1 U
Cis-1,2-Dichloroethylene	5	UG/L	1 U	1 U	1 U	0.85 J	0.52 J	1 U
Cis-1,3-Dichloropropene	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 7. Summary of Volatile Organic Compounds in Groundwater, 288 Jackson Street, Brooklyn, New York

Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units	Sample Designation:	TW-1	TW-2	TW-3	TW-4	TW-4	TW-5
			Sample Date:	01/28/2021	12/11/2020	12/08/2020	12/09/2020	12/09/2020	01/27/2021
			Normal Sample or Field Duplicate:	N	N	N	N	FD	N
Cyclohexane	--	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	--	UG/L		5 UT	5 U	5 U	5 U	5 U	5 UT
Methyl Ethyl Ketone (2-Butanone)	50	UG/L		5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L		5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	--	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	UG/L		1 U	6.1	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	**5**	UG/L		0.79 J	1 U	1 U	**7.5**	4.7	0.25 J
Toluene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	--	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	**5**	UG/L		1.2	1 U	1 U	**9.9**	**6**	0.4 J
Trichlorofluoromethane	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	2	UG/L		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	5	UG/L		2 U	2 U	2 U	2 U	2 U	2 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, 288 Jackson Street, Brooklyn, New York

Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units	TW-1	TW-2	TW-3	TW-4	TW-4	TW-5
Sample Designation:			TW-1	TW-2	TW-3	TW-4	TW-4	TW-5
Sample Date:			01/28/2021	12/11/2020	12/08/2020	12/09/2020	12/09/2020	01/27/2021
Normal Sample or Field Duplicate:			N	N	N	N	FD	N
1,2,4,5-Tetrachlorobenzene	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,3,4,6-Tetrachlorophenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	UG/L	30 U	30 U	30 U	30 U	30 U	30 U
2,4-Dinitrotoluene	5	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
2,6-Dinitrotoluene	5	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	--	UG/L	10 UT	10 U	10 U	10 U	10 U	10 UT
2-Methylnaphthalene	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline	5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-Methylphenol	--	UG/L	30 U	30 U	30 U	30 U	30 U	30 U
4-Bromophenyl Phenyl Ether	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	UG/L	1 U	1 U	1 UT	1 U	1 U	1 U
4-Chlorophenyl Phenyl Ether	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	--	UG/L	30 U	30 U	30 U	30 U	30 U	30 U
Acenaphthene	20	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	20	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Atrazine	--	UG/L	10 UT	10 UT	10 U	10 UT	10 UT	10 UT
Benzaldehyde	--	UG/L	10 UT	10 U	10 U	10 UT	10 UT	10 UT

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, 288 Jackson Street, Brooklyn, New York

Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units	TW-1	TW-2	TW-3	TW-4	TW-4	TW-5
Sample Designation:			TW-1	TW-2	TW-3	TW-4	TW-4	TW-5
Sample Date:			01/28/2021	12/11/2020	12/08/2020	12/09/2020	12/09/2020	01/27/2021
Normal Sample or Field Duplicate:			N	N	N	N	FD	N
Benzo(A)Anthracene	0.002	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(A)Pyrene	0	UG/L	1 U	1 U	1 UT	1 UT	1 UT	1 U
Benzo(B)Fluoranthene	0.002	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(G,H,I)Perylene	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(K)Fluoranthene	0.002	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Caprolactam	--	UG/L	10 U	10 U	10 U	10 UT	10 UT	10 U
Carbazole	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Cresols, M & P	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(A,H)Anthracene	--	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-C,D)Pyrene	0.002	UG/L	2 U	2 U	2 UT	2 U	2 U	2 U
Isophorone	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	--	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, 288 Jackson Street, Brooklyn, New York

		Sample Designation:	TW-1	TW-2	TW-3	TW-4	TW-4	TW-5
		Sample Date:	01/28/2021	12/11/2020	12/08/2020	12/09/2020	12/09/2020	01/27/2021
		Normal Sample or Field Duplicate:	N	N	N	N	FD	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units						
N-Nitrosodiphenylamine	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	1	UG/L	30 U	30 U	30 U	30 U	30 U	30 U
Phenanthrene	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	1	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U

Table 9. Summary of Metals in Groundwater, 288 Jackson Street, Brooklyn, New York

Sample Designation:			TW-1	TW-1	TW-2	TW-2	TW-3	TW-3	TW-4	TW-4	TW-4
Sample Date:			01/28/2021	01/28/2021	12/11/2020	12/11/2020	12/08/2020	12/08/2020	12/09/2020	12/09/2020	12/09/2020
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N	FD
Total or Dissolved:			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units									
Aluminum	--	UG/L	1360	40 U	192	40 U	9610 B	40 U	62.4	40 U	35.3 J
Antimony	3	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.92 J	2 U
Arsenic	25	UG/L	2 U	2 U	1.8 J	2 U	2.7	2 U	2 U	2 U	2 U
Barium	1000	UG/L	30.5	25.6	226 B	188	213	183	86.6	82	78.4
Beryllium	3	UG/L	0.8 U	0.8 U	0.11 J	0.8 U	0.61 J	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	UG/L	2 U	2 U	2 U	2 U	0.19 J	2 U	2 U	2 U	2 U
Calcium	--	UG/L	37200	36100	151000	146000 B	212000 B	225000	93800	89700	89400
Chromium, Total	50	UG/L	3.5 J	4 U	3.1 J	4 U	25.7	4 U	4 U	4 U	4 U
Cobalt	--	UG/L	4.3	3.2 J	1.8 J	1.3 J	5	1 J	2.1 J	1.5 J	1.7 J
Copper	200	UG/L	3.1 J	4 U	4 U	4 U	29.7	4 U	4 U	4 U	4 U
Iron	**300**	UG/L	**1700**	120 U	**28000**	**4250**	**13000**	14.5 J	135	120 U	74.6 J
Lead	**25**	UG/L	4.1	1.2 U	1.9 B	1.2 U	**31.4**	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	**35000**	UG/L	4330	4030	**44400**	**43500**	18000	17300	24000	23200	21700
Manganese	**300**	UG/L	**458**	**424**	**1840**	**1630**	259	205	**498**	**415**	**386**
Mercury	0.7	UG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.14 J	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	UG/L	2.7 J	1.3 J	5.2	3.3 J	12.5	1.8 J	4.2	3.2 J	3.4 J
Potassium	--	UG/L	3040	2860	9550	8760	18700	18800	12100	11300	11200
Selenium	**10**	UG/L	2.5 U	0.73 J	2.5 U	2.5 U	**12.3**	**14.3**	4.3	4.4	3.8
Silver	50	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Sodium	**20000**	UG/L	14400	14200	**111000 B**	**105000**	**244000**	**257000**	**81600**	**82100**	**75800**
Thallium	0.5	UG/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	--	UG/L	3.8 J	4 U	4	4 U	63.5	9	0.46 J	4 U	4 U
Zinc	2000	UG/L	12.8 J	17.6	16 U	16 U	70.6	9.2 J	16 U	16 U	16 U

Table 9. Summary of Metals in Groundwater, 288 Jackson Street, Brooklyn, New York

	Sample Designation:		TW-4	TW-5	TW-5
	Sample Date:		12/09/2020	01/27/2021	01/27/2021
	Normal Sample or Field Duplicate:		FD	N	N
	Total or Dissolved:		Dissolved	Total	Dissolved
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units			
Aluminum	--	UG/L	40 U	1620	40 U
Antimony	3	UG/L	2 U	2 U	2 U
Arsenic	25	UG/L	2 U	2 U	1.4 J
Barium	1000	UG/L	75.1	48.6	37.9
Beryllium	3	UG/L	0.8 U	0.8 U	0.8 U
Cadmium	5	UG/L	2 U	2 U	2 U
Calcium	--	UG/L	87600	41500	42300
Chromium, Total	50	UG/L	4 U	4.4	4 U
Cobalt	--	UG/L	1.3 J	3.3 J	2.5 J
Copper	200	UG/L	4 U	5.1	4 U
Iron	**300**	UG/L	120 U	**3920**	120 U
Lead	**25**	UG/L	1.2 U	1.8	1.2 U
Magnesium	**35000**	UG/L	22700	16200	21400
Manganese	**300**	UG/L	**321**	**458**	**415**
Mercury	0.7	UG/L	0.2 U	0.2 U	0.2 U
Nickel	100	UG/L	2.5 J	4	2.1 J
Potassium	--	UG/L	11200	11200	11400
Selenium	**10**	UG/L	4.4	2.9	3.1
Silver	50	UG/L	2 U	2 U	2 U
Sodium	**20000**	UG/L	**79600**	**36700**	**69700**
Thallium	0.5	UG/L	0.8 U	0.8 U	0.8 U
Vanadium	--	UG/L	4 U	4.5	4 U
Zinc	2000	UG/L	16 U	11.5 J	12.8 J

Table 10. Summary of Polychlorinated Biphenyls in Groundwater, 288 Jackson Street, Brooklyn, New York

		Sample Designation:	TW-1	TW-2	TW-3	TW-4	TW-4	TW-5
		Sample Date:	01/28/2021	12/11/2020	12/08/2020	12/09/2020	12/09/2020	01/27/2021
		Normal Sample or Field Duplicate:	N	N	N	N	FD	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units						
PCB-1016 (Aroclor 1016)	--	UG/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	--	UG/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	--	UG/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	--	UG/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	--	UG/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	--	UG/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	--	UG/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	--	UG/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	--	UG/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Polychlorinated Biphenyl (PCBs)	0.09	UG/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 11. Summary of Pesticides in Groundwater, 288 Jackson Street, Brooklyn, New York

		Sample Designation:	TW-1	TW-2	TW-3	TW-4	TW-4	TW-5
		Sample Date:	01/28/2021	12/11/2020	12/08/2020	12/09/2020	12/09/2020	01/27/2021
		Normal Sample or Field Duplicate:	N	N	N	N	FD	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units						
Aldrin	0	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	--	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	--	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	--	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	--	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
cis-Chlordane	--	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	--	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	--	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin	0	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	--	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	--	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-Chlordane	0	UG/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

Table 12. Summary of Volatile Organic Compounds in Soil Vapor, 288 Jackson Street, Brooklyn, New York

Sample Designation:		SV-1	SV-2	SV-3	SV-4	SV-4	SV-5	SV-6	SV-7
Sample Date:		02/03/2021	02/03/2021	12/09/2020	12/10/2020	12/10/2020	01/28/2021	12/11/2020	02/03/2021
Normal Sample or Field Duplicate:		N	N	N	N	FD	N	N	N
Parameter	Units								
1,1,1-Trichloroethane (TCA)	UG/M3	**1.1**	1.1 U	1.1 U	1.1 U	**0.39 J**	1.1 U	**23**	**2.4**
1,1,2,2-Tetrachloroethane	UG/M3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/M3	1.5 U	1.5 U	**0.57 J**	**0.66 J**	**0.93 J**	**0.73 J**	**1.9**	1.5 U
1,1,2-Trichloroethane	UG/M3	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	UG/M3	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene	UG/M3	0.2 U	0.2 U	0.2 U	**0.22**	**0.88**	0.2 U	**0.59**	0.2 U
1,2,4-Trichlorobenzene	UG/M3	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	UG/M3	**1.8**	**1.4**	**1.2**	**21**	**23**	**1.5**	**0.38 J**	**0.76 J**
1,2-Dibromoethane (Ethylene Dibromide)	UG/M3	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	UG/M3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	UG/M3	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	UG/M3	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	UG/M3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	**0.77 J**	**0.59 J**	**0.4 J**	**6**	**6.4**	**0.57 J**	0.98 U	0.98 U
1,3-Butadiene	UG/M3	0.44 U	**16**	**0.25 J**	**0.64**	**0.8**	**11**	**25**	**60**
1,3-Dichlorobenzene	UG/M3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	UG/M3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dioxane (P-Dioxane)	UG/M3	18 U	18 U	18 U	**0.43 J**	18 U	18 U	18 U	18 U
2,2,4-Trimethylpentane	UG/M3	**19**	**14**	**9.2**	**3.6**	**2.2**	**13**	0.93 U	**18**
2-Chlorotoluene	UG/M3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	UG/M3	2 U	2 U	**3.6**	**2**	**1 J**	2 U	**1.9 J**	2 U
4-Ethyltoluene	UG/M3	**0.57 J**	**0.56 J**	**0.3 J**	**6.7**	**7**	**0.6 J**	**0.21 J**	0.98 U
Acetone	UG/M3	**60**	**51**	**21**	**14**	**15**	12 U	**240 D**	**81 D**
Allyl Chloride (3-Chloropropene)	UG/M3	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Benzene	UG/M3	**3**	**3.6**	**5.8**	**2.7**	**1.9**	**6.6**	**8.7**	**14**
Benzyl Chloride	UG/M3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	UG/M3	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform	UG/M3	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane	UG/M3	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 UT	0.78 U	0.78 U
Carbon Disulfide	UG/M3	**3.7**	**2.6**	**2.6**	**1.4 J**	**1.6**	**7.1 B**	**120**	**3.3**
Carbon Tetrachloride	UG/M3	0.22 U	0.22 U	**0.47**	**0.43**	**0.43**	**0.21 J**	0.22 U	0.22 U
Chlorobenzene	UG/M3	**0.97**	**1.3**	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Chloroethane	UG/M3	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform	UG/M3	0.98 U	0.98 U	**0.98**	**0.46 J**	**0.81 J**	**1.3**	0.98 U	**2.1**
Chloromethane	UG/M3	1 U	**3.6**	1 U	**0.84 J**	**0.48 J**	1 U	**0.26 J**	1 U
Cis-1,2-Dichloroethylene	UG/M3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 12. Summary of Volatile Organic Compounds in Soil Vapor, 288 Jackson Street, Brooklyn, New York

Sample Designation:		SV-1	SV-2	SV-3	SV-4	SV-4	SV-5	SV-6	SV-7
Sample Date:		02/03/2021	02/03/2021	12/09/2020	12/10/2020	12/10/2020	01/28/2021	12/11/2020	02/03/2021
Normal Sample or Field Duplicate:		N	N	N	N	FD	N	N	N
Parameter	Units								
Cis-1,3-Dichloropropene	UG/M3	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
Cyclohexane	UG/M3	**2.3**	**8**	**2.9**	**1.4**	**1.1**	**4.3**	**0.76**	0.69 U
Cymene	UG/M3	1.1 U	1.1 U	1.1 U	**0.37 J**	**0.33 J**	1.1 U	1.1 U	1.1 U
Dibromochloromethane	UG/M3	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	UG/M3	**2.7**	**2.6**	**2.5**	**2.2 J**	**2.5**	**1.8 J**	**2.2 J**	**2.6**
Ethylbenzene	UG/M3	**4.3**	**2.2**	**1.2**	**18**	**14**	**6.5**	**1.8**	**6.8**
Hexachlorobutadiene	UG/M3	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Isopropanol	UG/M3	**13**	**10 J**	**2.9 J**	**2 J**	**2.1 J**	**9.4 J**	12 U	**6.8 J**
Isopropylbenzene (Cumene)	UG/M3	0.98 U	0.98 U	**0.18 J**	**1.4**	**1.2**	**0.3 J**	0.98 U	0.98 U
m,p-Xylene	UG/M3	**13**	**6.4**	**3**	**55**	**47**	**18**	**3.1**	**16**
Methyl Ethyl Ketone (2-Butanone)	UG/M3	**2.1**	**3**	**3.6**	**2.5**	**2.1**	**3.8**	**57**	**10**
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UG/M3	2 U	2 U	**11**	**3.2**	**2.1**	**2.7**	**1.7 J**	2 U
Methyl Methacrylate	UG/M3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene Chloride	UG/M3	1.7 U	1.7 U	1.7 U	1.7 U	**1 J**	1.7 U	1.7 U	1.7 U
Naphthalene	UG/M3	**1 J**	2.6 U	2.6 U	2.6 U	**1.3 J**	2.6 U	2.6 U	2.6 U
N-Butylbenzene	UG/M3	1.1 U	1.1 U	1.1 U	**0.62 J**	**0.68 J**	1.1 U	1.1 U	1.1 U
N-Heptane	UG/M3	**5.1**	**5.9**	**10**	**8.2**	**6.1**	**10**	**12**	**13**
N-Hexane	UG/M3	**6**	**17**	**14**	**10**	**10**	**21**	**24**	**35**
N-Propylbenzene	UG/M3	0.98 U	0.98 U	**0.24 J**	**4.8**	**4.7**	**0.55 J**	**0.24 J**	0.98 U
O-Xylene (1,2-Dimethylbenzene)	UG/M3	**4.1**	**2.4**	**1.3**	**20**	**17**	**5.9**	**1.1**	**5.7**
Sec-Butylbenzene	UG/M3	1.1 U	1.1 U	1.1 U	**0.29 J**	**0.29 J**	1.1 U	1.1 U	1.1 U
Styrene	UG/M3	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	**0.3 J**	0.85 U
T-Butylbenzene	UG/M3	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Tert-Butyl Alcohol	UG/M3	**1.8 J**	**4 J**	**26**	**16**	**9.6 J**	**4.4 J**	**22**	15 U
Tert-Butyl Methyl Ether	UG/M3	0.72 U	**0.3 J**	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
Tetrachloroethylene (PCE)	UG/M3	**13**	1.4 U	**5.4**	**5.5**	**16**	**1.5**	**430 D**	**14**
Tetrahydrofuran	UG/M3	15 U	15 U	15 U	15 U	15 U	**0.99 J**	15 U	15 U
Toluene	UG/M3	**59**	**21**	**16**	**50**	**31**	**45**	**8.5**	**70**
Trans-1,2-Dichloroethene	UG/M3	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Trans-1,3-Dichloropropene	UG/M3	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
Trichloroethylene (TCE)	UG/M3	0.2 U	0.2 U	**0.26**	**3.3**	**7.7**	**1.1**	**0.81**	0.2 U
Trichlorofluoromethane	UG/M3	**1.7**	**1.1**	**1.3**	**1.2**	**1.2**	**1.4**	**1.3**	**1.4**
Vinyl Bromide	UG/M3	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U
Vinyl Chloride	UG/M3	0.2 U	0.2 U	0.2 U	0.2 U	**0.21**	0.2 U	0.2 U	0.2 U

Table 12. Summary of Volatile Organic Compounds in Soil Vapor, 288 Jackson Street, Brooklyn, New York

Sample Designation:		SV-8	SV-9	SV-10	SV-11	SV-12	SV-13
Sample Date:		01/28/2021	01/28/2021	12/10/2020	12/11/2020	12/07/2020	12/07/2020
Normal Sample or Field Duplicate:		N	N	N	N	N	N
Parameter	Units						
1,1,1-Trichloroethane (TCA)	UG/M3	**1.5**	**7.3**	**0.56 J**	76 U	**4**	**0.81 J**
1,1,2,2-Tetrachloroethane	UG/M3	1.4 U	1.4 U	1.4 U	96 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/M3	**1.7**	**1.8**	**0.71 J**	**130**	**0.6 J**	**0.69 J**
1,1,2-Trichloroethane	UG/M3	1.1 U	1.1 U	1.1 U	76 U	1.1 U	1.1 U
1,1-Dichloroethane	UG/M3	**0.55 J**	0.81 U	0.81 U	**16 J**	0.81 U	0.81 U
1,1-Dichloroethene	UG/M3	0.2 U	0.2 U	0.2 U	**290**	0.2 U	0.2 U
1,2,4-Trichlorobenzene	UG/M3	**2.4 J**	3.7 U	3.7 U	260 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	UG/M3	**20**	**3.5**	**32**	69 U	**8.1**	**9.4**
1,2-Dibromoethane (Ethylene Dibromide)	UG/M3	1.5 U	1.5 U	1.5 U	110 U	1.5 U	1.5 U
1,2-Dichlorobenzene	UG/M3	**1.9**	1.2 U	1.2 U	84 U	1.2 U	1.2 U
1,2-Dichloroethane	UG/M3	0.81 U	0.81 U	0.81 U	57 U	0.81 U	0.81 U
1,2-Dichloropropane	UG/M3	0.92 U	0.92 U	0.92 U	65 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	UG/M3	1.4 U	1.4 U	1.4 U	98 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	**5.5**	**0.81 J**	**9.5**	69 U	**3.8**	**6.5**
1,3-Butadiene	UG/M3	**0.5**	**31**	**13**	31 U	**0.28 J**	0.44 U
1,3-Dichlorobenzene	UG/M3	**1.6**	1.2 U	1.2 U	84 U	1.2 U	1.2 U
1,4-Dichlorobenzene	UG/M3	**26**	**0.95 J**	1.2 U	84 U	1.2 U	1.2 U
1,4-Dioxane (P-Dioxane)	UG/M3	**2.1 J**	**0.56 J**	18 U	1300 U	18 U	18 U
2,2,4-Trimethylpentane	UG/M3	**7.6**	**17**	**3.8**	**13 J**	**0.3 J**	0.93 U
2-Chlorotoluene	UG/M3	1 U	1 U	1 U	72 U	1 U	1 U
2-Hexanone	UG/M3	**1.7 J**	**1 J**	**4.7**	140 U	2 U	2 U
4-Ethyltoluene	UG/M3	**4.1**	**0.92 J**	**14**	69 U	**3.7**	**3**
Acetone	UG/M3	**70**	**82**	**25**	**420 J**	**32**	**8.9 J**
Allyl Chloride (3-Chloropropene)	UG/M3	1.6 U	1.6 U	1.6 U	110 U	1.6 U	1.6 U
Benzene	UG/M3	**3.9**	**12**	**6.5**	**17 J**	**0.94**	**1.7**
Benzyl Chloride	UG/M3	1 U	1 U	1 U	72 U	1 U	1 U
Bromodichloromethane	UG/M3	1.3 U	1.3 U	1.3 U	94 U	1.3 U	1.3 U
Bromoform	UG/M3	2.1 U	2.1 U	2.1 U	140 U	2.1 U	2.1 U
Bromomethane	UG/M3	0.78 U	0.78 UT	0.78 U	54 U	0.78 U	0.78 U
Carbon Disulfide	UG/M3	**17**	**4.9 B**	**3.9**	**52 J**	**2.6**	**1.5 J**
Carbon Tetrachloride	UG/M3	0.22 U	**0.28**	**0.45**	15 U	**0.32**	**0.42**
Chlorobenzene	UG/M3	**0.71 J**	0.92 U	0.92 U	64 U	0.92 U	0.92 U
Chloroethane	UG/M3	1.3 U	1.3 U	1.3 U	92 U	1.3 U	1.3 U
Chloroform	UG/M3	**0.84 J**	**5.5**	**43**	68 U	**1.9**	**12**
Chloromethane	UG/M3	**0.65 J**	**0.54 J**	**0.5 J**	72 U	**0.49 J**	**0.28 J**
Cis-1,2-Dichloroethylene	UG/M3	0.2 U	**0.57**	0.2 U	**28**	0.2 U	0.2 U

Table 12. Summary of Volatile Organic Compounds in Soil Vapor, 288 Jackson Street, Brooklyn, New York

Sample Designation:		SV-8	SV-9	SV-10	SV-11	SV-12	SV-13
Sample Date:		01/28/2021	01/28/2021	12/10/2020	12/11/2020	12/07/2020	12/07/2020
Normal Sample or Field Duplicate:		N	N	N	N	N	N
Parameter	Units						
Cis-1,3-Dichloropropene	UG/M3	0.91 U	0.91 U	0.91 U	64 U	0.91 U	0.91 U
Cyclohexane	UG/M3	**2.8**	**6.9**	**1.9**	**76**	**0.29 J**	**0.23 J**
Cymene	UG/M3	**69**	**2.3**	**0.38 J**	77 U	**0.65 J**	**1.9**
Dibromochloromethane	UG/M3	1.7 U	1.7 U	1.7 U	120 U	1.7 U	1.7 U
Dichlorodifluoromethane	UG/M3	**2.7**	**1.6 J**	**2.4 J**	170 U	**2.1 J**	**2.2 J**
Ethylbenzene	UG/M3	**17**	**3**	**45**	61 U	**4.5**	**2.5**
Hexachlorobutadiene	UG/M3	2.1 U	2.1 U	2.1 U	150 U	2.1 U	2.1 U
Isopropanol	UG/M3	**20**	**23**	**3.8 J**	860 U	**4.4 J**	12 U
Isopropylbenzene (Cumene)	UG/M3	**2.7**	**0.5 J**	**2.8**	69 U	**1.8**	**3.4**
m,p-Xylene	UG/M3	**36**	**6.8**	**150**	**80 J**	**9.3**	**6.7**
Methyl Ethyl Ketone (2-Butanone)	UG/M3	**19**	**17**	**6.5**	100 U	**6**	**1.7**
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UG/M3	**4**	**5**	**7.5**	140 U	2 U	2 U
Methyl Methacrylate	UG/M3	2 U	2 U	2 U	140 U	2 U	2 U
Methylene Chloride	UG/M3	1.7 U	1.7 U	1.7 U	120 U	**1 J**	1.7 U
Naphthalene	UG/M3	**47**	**8.6**	**1.2 J**	180 U	**48**	**7**
N-Butylbenzene	UG/M3	**1.9 B**	**0.29 J**	**0.83 J**	77 U	**0.39 J**	**0.24 J**
N-Heptane	UG/M3	**6.8**	**17**	**11**	**25 J**	**2.1**	**0.5 J**
N-Hexane	UG/M3	**5.3**	**28**	**15**	**120**	**6**	**0.78**
N-Propylbenzene	UG/M3	**3.7**	**0.95 J**	**10**	69 U	**1**	**0.98**
O-Xylene (1,2-Dimethylbenzene)	UG/M3	**13**	**2.5**	**45**	**34 J**	**4.3**	**3.6**
Sec-Butylbenzene	UG/M3	1.1 U	**0.2 J**	**0.47 J**	77 U	**0.27 J**	**0.26 J**
Styrene	UG/M3	**1.8**	**0.29 J**	**0.44 J**	60 U	**0.36 J**	**0.5 J**
T-Butylbenzene	UG/M3	1.1 U	1.1 U	1.1 U	77 U	1.1 U	1.1 U
Tert-Butyl Alcohol	UG/M3	**13 J**	**3.8 J**	**17**	**31 J**	**0.24 J**	**0.35 J**
Tert-Butyl Methyl Ether	UG/M3	0.72 U	0.72 U	0.72 U	50 U	0.72 U	0.72 U
Tetrachloroethylene (PCE)	UG/M3	**33**	**29**	**9.7**	**730**	**85**	**7.5**
Tetrahydrofuran	UG/M3	**7.5 J**	15 U	15 U	1000 U	15 U	15 U
Toluene	UG/M3	**56**	**47**	**110**	53 U	**3.7**	**2.8**
Trans-1,2-Dichloroethene	UG/M3	0.79 U	0.79 U	0.79 U	**49 J**	0.79 U	0.79 U
Trans-1,3-Dichloropropene	UG/M3	0.91 U	0.91 U	0.91 U	64 U	0.91 U	0.91 U
Trichloroethylene (TCE)	UG/M3	**18**	**24**	**1.1**	**300**	**0.23**	**0.23**
Trichlorofluoromethane	UG/M3	**1.5**	**1.3**	**2.5**	79 U	**1.3**	**1.1**
Vinyl Bromide	UG/M3	0.87 U	0.87 U	0.87 U	61 U	0.87 U	0.87 U
Vinyl Chloride	UG/M3	0.2 U	0.2 U	0.2 U	14 U	0.2 U	0.2 U

Table 13. Summary of Volatile Organic Compounds in Ash, 288 Jackson Street, Brooklyn, New York

			Sample Designation:	ASH_GRAB_12072020
			Sample Date:	12/07/2020
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Units	
1,1,1-Trichloroethane (TCA)	0.68	100	MG/KG	0.0025 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.0025 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	MG/KG	0.0025 U
1,1,2-Trichloroethane	--	--	MG/KG	0.0025 U
1,1-Dichloroethane	0.27	26	MG/KG	0.0025 U
1,1-Dichloroethene	0.33	100	MG/KG	0.0025 U
1,2,3-Trichlorobenzene	--	--	MG/KG	0.0025 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.0025 U
1,2,4-Trimethylbenzene	3.6	52	MG/KG	0.0031
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	0.0025 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	0.0025 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.0025 U
1,2-Dichloroethane	0.02	3.1	MG/KG	0.0025 U
1,2-Dichloropropane	--	--	MG/KG	0.0025 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	MG/KG	0.0025 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.0025 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.003
2-Hexanone	--	--	MG/KG	0.013 U
Acetone	0.05	100	MG/KG	0.032
Benzene	0.06	4.8	MG/KG	0.0025 U
Bromochloromethane	--	--	MG/KG	0.0025 U
Bromodichloromethane	--	--	MG/KG	0.0025 U
Bromoform	--	--	MG/KG	0.0025 U
Bromomethane	--	--	MG/KG	0.0025 U
Carbon Disulfide	--	--	MG/KG	0.0025 U
Carbon Tetrachloride	0.76	2.4	MG/KG	0.0025 U
Chlorobenzene	1.1	100	MG/KG	0.0025 U
Chloroethane	--	--	MG/KG	0.0025 U
Chloroform	0.37	49	MG/KG	0.0025 U
Chloromethane	--	--	MG/KG	0.0025 U
Cis-1,2-Dichloroethylene	0.25	100	MG/KG	0.0025 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.0025 U
Cyclohexane	--	--	MG/KG	0.0025 U
Dibromochloromethane	--	--	MG/KG	0.0025 U

Table 13. Summary of Volatile Organic Compounds in Ash, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	ASH_GRAB_12072020
				Sample Date:	12/07/2020
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Units		
Dichlorodifluoromethane	--	--	MG/KG	0.0025 U	
Ethylbenzene	1	41	MG/KG	0.0025 U	
Isopropylbenzene (Cumene)	--	--	MG/KG	0.0025 U	
m,p-Xylene	--	--	MG/KG	0.0013 J	
Methyl Acetate	--	--	MG/KG	0.013 U	
Methyl Ethyl Ketone (2-Butanone)	0.12	100	MG/KG	0.013 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	0.013 U	
Methylcyclohexane	--	--	MG/KG	0.0025 U	
Methylene Chloride	0.05	100	MG/KG	0.0081	
N-Butylbenzene	12	100	MG/KG	0.0025 U	
N-Propylbenzene	3.9	100	MG/KG	0.0025 U	
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	0.00073 J	
Sec-Butylbenzene	11	100	MG/KG	0.0025 U	
Styrene	--	--	MG/KG	0.0025 U	
T-Butylbenzene	5.9	100	MG/KG	0.0025 U	
Tert-Butyl Methyl Ether	0.93	100	MG/KG	0.0025 U	
Tetrachloroethylene (PCE)	1.3	19	MG/KG	0.0025 U	
Toluene	0.7	100	MG/KG	0.0013 J	
Trans-1,2-Dichloroethene	0.19	100	MG/KG	0.0025 U	
Trans-1,3-Dichloropropene	--	--	MG/KG	0.0025 U	
Trichloroethylene (TCE)	0.47	21	MG/KG	0.0025 U	
Trichlorofluoromethane	--	--	MG/KG	0.0025 U	
Vinyl Chloride	0.02	0.9	MG/KG	0.0025 U	
Xylenes	0.26	100	MG/KG	0.0021 J	

Table 14. Summary of Semivolatile Organic Compounds in Ash, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	ASH_COMP_12072020
				Sample Date:	12/07/2020
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Units		
1,2,4,5-Tetrachlorobenzene	--	--	MG/KG	0.33 U	
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.1 U	
2,3,4,6-Tetrachlorophenol	--	--	MG/KG	0.33 U	
2,4,5-Trichlorophenol	--	--	MG/KG	0.33 U	
2,4,6-Trichlorophenol	--	--	MG/KG	0.13 U	
2,4-Dichlorophenol	--	--	MG/KG	0.13 U	
2,4-Dimethylphenol	--	--	MG/KG	0.33 U	
2,4-Dinitrophenol	--	--	MG/KG	0.27 U	
2,4-Dinitrotoluene	--	--	MG/KG	0.068 U	
2,6-Dinitrotoluene	--	--	MG/KG	0.068 U	
2-Chloronaphthalene	--	--	MG/KG	0.33 U	
2-Chlorophenol	--	--	MG/KG	0.33 U	
2-Methylnaphthalene	--	--	MG/KG	0.33 U	
2-Methylphenol (O-Cresol)	0.33	100	MG/KG	0.33 U	
2-Nitroaniline	--	--	MG/KG	0.33 U	
2-Nitrophenol	--	--	MG/KG	0.33 U	
3,3'-Dichlorobenzidine	--	--	MG/KG	0.13 U	
3-Nitroaniline	--	--	MG/KG	0.33 U	
4,6-Dinitro-2-Methylphenol	--	--	MG/KG	0.27 U	
4-Bromophenyl Phenyl Ether	--	--	MG/KG	0.33 U	
4-Chloro-3-Methylphenol	--	--	MG/KG	0.33 U	
4-Chloroaniline	--	--	MG/KG	0.33 U	
4-Chlorophenyl Phenyl Ether	--	--	MG/KG	0.33 U	
4-Methylphenol (P-Cresol)	0.33	100	MG/KG	0.33 U	
4-Nitroaniline	--	--	MG/KG	0.33 U	
4-Nitrophenol	--	--	MG/KG	0.68 U	
Acenaphthene	20	100	MG/KG	0.33 U	
Acenaphthylene	100	100	MG/KG	0.33 U	
Acetophenone	--	--	MG/KG	0.33 U	
Anthracene	100	100	MG/KG	0.33 U	
Atrazine	--	--	MG/KG	0.13 U	
Benzaldehyde	--	--	MG/KG	0.33 U	
Benzo(A)Anthracene	1	1	MG/KG	0.033 U	
Benzo(A)Pyrene	1	1	MG/KG	0.033 U	
Benzo(B)Fluoranthene	1	1	MG/KG	0.033 U	

Table 14. Summary of Semivolatile Organic Compounds in Ash, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	ASH_COMP_12072020
				Sample Date:	12/07/2020
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Units		
Benzo(G,H,I)Perylene	100	100	MG/KG	0.33 U	
Benzo(K)Fluoranthene	0.8	3.9	MG/KG	0.033 U	
Benzyl Butyl Phthalate	--	--	MG/KG	0.33 U	
Biphenyl (Diphenyl)	--	--	MG/KG	0.33 U	
Bis(2-Chloroethoxy) Methane	--	--	MG/KG	0.33 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	MG/KG	0.033 U	
Bis(2-Chloroisopropyl) Ether	--	--	MG/KG	0.33 U	
Bis(2-Ethylhexyl) Phthalate	--	--	MG/KG	0.026 J	
Caprolactam	--	--	MG/KG	0.33 U	
Carbazole	--	--	MG/KG	0.33 U	
Chrysene	1	3.9	MG/KG	0.33 U	
Cresols, M & P	0.33	100	MG/KG	0.33 U	
Dibenz(A,H)Anthracene	0.33	0.33	MG/KG	0.033 U	
Dibenzofuran	7	59	MG/KG	0.33 U	
Diethyl Phthalate	--	--	MG/KG	0.33 U	
Dimethyl Phthalate	--	--	MG/KG	0.33 U	
Di-N-Butyl Phthalate	--	--	MG/KG	0.022 J	
Di-N-Octylphthalate	--	--	MG/KG	0.33 U	
Fluoranthene	100	100	MG/KG	0.33 U	
Fluorene	30	100	MG/KG	0.33 U	
Hexachlorobenzene	0.33	1.2	MG/KG	0.033 U	
Hexachlorobutadiene	--	--	MG/KG	0.068 U	
Hexachlorocyclopentadiene	--	--	MG/KG	0.33 U	
Hexachloroethane	--	--	MG/KG	0.033 U	
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	MG/KG	0.033 U	
Isophorone	--	--	MG/KG	0.13 U	
Naphthalene	12	100	MG/KG	0.33 U	
Nitrobenzene	--	--	MG/KG	0.033 U	
N-Nitrosodi-N-Propylamine	--	--	MG/KG	0.033 U	
N-Nitrosodiphenylamine	--	--	MG/KG	0.33 U	
Pentachlorophenol	0.8	6.7	MG/KG	0.27 U	
Phenanthrene	100	100	MG/KG	0.33 U	
Phenol	0.33	100	MG/KG	0.33 U	
Pyrene	100	100	MG/KG	0.33 U	

Table 15. Summary of Metals in Ash, 288 Jackson Street, Brooklyn, New York

			Sample Designation:	ASH_COMP_12072020
			Sample Date:	12/07/2020
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Units	
Aluminum	--	--	MG/KG	37200
Antimony	--	--	MG/KG	0.95 J
Arsenic	**13**	16	MG/KG	**26.9**
Barium	350	400	MG/KG	103
Beryllium	7.2	72	MG/KG	0.48
Cadmium	2.5	4.3	MG/KG	0.77 J
Calcium	--	--	MG/KG	1750
Chromium III	**30**	180	MG/KG	**30.6**
Chromium, Hexavalent	1	110	MG/KG	2 U
Chromium, Total	**30**	180	MG/KG	**30.6**
Cobalt	--	--	MG/KG	5.5
Copper	**50**	270	MG/KG	**81.7**
Cyanide	27	27	MG/KG	0.24 U
Iron	--	--	MG/KG	16800
Lead	63	400	MG/KG	55.4
Magnesium	--	--	MG/KG	1440
Manganese	1600	2000	MG/KG	241
Mercury	0.18	0.81	MG/KG	0.11
Nickel	30	310	MG/KG	28.7
Potassium	--	--	MG/KG	4420
Selenium	**3.9**	180	MG/KG	**8.5**
Silver	2	180	MG/KG	0.19 J
Sodium	--	--	MG/KG	10800
Thallium	--	--	MG/KG	0.79
Vanadium	--	--	MG/KG	35.5
Zinc	109	10000	MG/KG	62.7

Table 16. Summary of Polychlorinated Biphenyls in Ash, 288 Jackson Street, Brooklyn, New York

				Sample Designation:	ASH_COMP_12072020
				Sample Date:	12/07/2020
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Units		
PCB-1016 (Aroclor 1016)	--	--	MG/KG	0.068 U	
PCB-1221 (Aroclor 1221)	--	--	MG/KG	0.068 U	
PCB-1232 (Aroclor 1232)	--	--	MG/KG	0.068 U	
PCB-1242 (Aroclor 1242)	--	--	MG/KG	0.068 U	
PCB-1248 (Aroclor 1248)	--	--	MG/KG	0.068 U	
PCB-1254 (Aroclor 1254)	--	--	MG/KG	0.068 U	
PCB-1260 (Aroclor 1260)	--	--	MG/KG	0.068 U	
PCB-1262 (Aroclor 1262)	--	--	MG/KG	0.068 U	
PCB-1268 (Aroclor 1268)	--	--	MG/KG	0.068 U	
Polychlorinated Biphenyl (PCBs)	0.1	1	MG/KG	0.068 U	

Table 17. Summary of Pesticides and Herbicides in Ash, 288 Jackson Street, Brooklyn, New York

			Sample Designation:	ASH_COMP_12072020
			Sample Date:	12/07/2020
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Units	
2,4-D (Dichlorophenoxyacetic Acid)	--	--	MG/KG	0.034 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	MG/KG	0.034 U
Aldrin	0.005	0.097	MG/KG	0.0068 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	MG/KG	0.002 U
Alpha Endosulfan	2.4	24	MG/KG	0.0068 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	MG/KG	0.002 U
Beta Endosulfan	2.4	24	MG/KG	0.0068 U
cis-Chlordane	0.094	4.2	MG/KG	0.0068 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	MG/KG	0.002 U
Dieldrin	0.005	0.2	MG/KG	0.002 U
Endosulfan Sulfate	2.4	24	MG/KG	0.0068 U
Endrin	0.014	11	MG/KG	0.0068 U
Endrin Aldehyde	--	--	MG/KG	0.0068 U
Endrin Ketone	--	--	MG/KG	0.0068 U
Gamma Bhc (Lindane)	0.1	1.3	MG/KG	0.002 U
Heptachlor	0.042	2.1	MG/KG	0.0068 U
Heptachlor Epoxide	--	--	MG/KG	0.0068 U
Methoxychlor	--	--	MG/KG	0.0068 U
P,P'-DDD	0.0033	13	MG/KG	0.0068 U
P,P'-DDE	0.0033	8.9	MG/KG	0.0068 U
P,P'-DDT	0.0033	7.9	MG/KG	0.0022 J
Silvex (2,4,5-TP)	3.8	100	MG/KG	0.034 U
Toxaphene	--	--	MG/KG	0.068 U
trans-Chlordane	--	--	MG/KG	0.0068 U

Table 18. Summary of General Chemistry and RCRA Characteristics in Ash, 288 Jackson Street, Brooklyn, New York

			Sample Designation:	ASH_COMP_12072020
			Sample Date:	12/07/2020
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Units	
Burn Rate	--	--	MM/SEC	2.2 U
Corrosivity	--	--	PH UNITS	4.8
Free Liquids	--	--	ML/100G	0.5 U
pH	--	--	PH UNITS	4.8
Reactive Cyanide	--	--	MG/KG	25 U
Sulfide Reactive	--	--	MG/KG	20 U
Temperature for sample or purge water	--	--	DEG C	22.8

Table 19. Summary of TCLP Volatile Organic Compounds in Ash, 288 Jackson Street, Brooklyn, New York

		Sample Designation:	ASH_COMP_12072020
		Sample Date:	12/07/2020
Parameter	USEPA Regulatory Levels (mg/L)	Units	
1,1-Dichloroethene	0.7	MG/L	0.01 U
1,2-Dichloroethane	0.5	MG/L	0.01 U
1,4-Dichlorobenzene	7.5	MG/L	0.01 U
Benzene	0.5	MG/L	0.01 U
Carbon Tetrachloride	0.5	MG/L	0.01 U
Chlorobenzene	100	MG/L	0.01 U
Chloroform	6	MG/L	0.01 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.01 U
Trichloroethylene (TCE)	0.5	MG/L	0.01 U
Vinyl Chloride	0.2	MG/L	0.01 U

Table 20. Summary of TCLP Semivolatile Organic Compounds in Ash, 288 Jackson Street, Brooklyn, New York

		Sample Designation:	ASH_COMP_12072020
		Sample Date:	12/07/2020
Parameter	USEPA Regulatory Levels (mg/L)	Units	
1,4-Dichlorobenzene	7.5	MG/L	0.01 U
2,4,5-Trichlorophenol	400	MG/L	0.01 U
2,4,6-Trichlorophenol	2	MG/L	0.01 U
2,4-Dinitrotoluene	0.13	MG/L	0.002 U
2-Methylphenol (O-Cresol)	200	MG/L	0.01 U
Cresols, M & P	200	MG/L	0.01 U
Hexachlorobenzene	0.13	MG/L	0.001 U
Hexachlorobutadiene	0.5	MG/L	0.002 U
Hexachloroethane	3	MG/L	0.002 U
Nitrobenzene	2	MG/L	0.001 U
Pentachlorophenol	100	MG/L	0.03 U
Pyridine	5	MG/L	0.01 U

Table 21. Summary of TCLP Metals in Ash, 288 Jackson Street, Brooklyn, New York

		Summarya	ASH_COMP_12072020
		Sample Date:	12/07/2020
Parameter	USEPA Regulatory Levels (mg/L)	Units	
Arsenic	5	MG/L	0.075 U
Barium	100	MG/L	0.0766 J
Cadmium	1	MG/L	0.0111 J
Chromium, Total	5	MG/L	0.05 U
Lead	5	MG/L	0.0261 J
Mercury	0.2	MG/L	0.0002 U
Selenium	1	MG/L	0.0356 J
Silver	5	MG/L	0.05 U

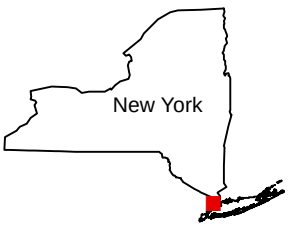
Table 22. Summary of TCLP Pesticides and Herbicides in Ash, 288 Jackson Street, Brooklyn, New York

		Sample Designation:	ASH_COMP_12072020
		Sample Date:	12/07/2020
Parameter	USEPA Regulatory Levels (mg/L)	Units	
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.083 U
Endrin	0.02	MG/L	0.0005 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0005 U
Heptachlor	0.008	MG/L	0.0005 U
Heptachlor Epoxide	0.008	MG/L	0.0005 U
Methoxychlor	10	MG/L	0.0005 U
Silvex (2,4,5-TP)	1	MG/L	0.083 U
Toxaphene	0.5	MG/L	0.005 U

FIGURES

1. Site Location Map
2. Site Plan and Sample Locations
3. Summary of Soil Exceedances
4. Summary of Groundwater Exceedances
5. Summary of Soil Vapor Detections

QUADRANGLE LOCATION



Title:

SITE LOCATION MAP

PHASE II ESA
288 JACKSON STREET, BROOKLYN, NEW YORK

Prepared for:

MASPETH MANAGER LLC

ROUX

Compiled by: K.S.	Date: 02/15/21	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	1
Project Mgr: K.S.	Project: 2611.0003Y000	
File: 2611.0003Y106.1.mxd		

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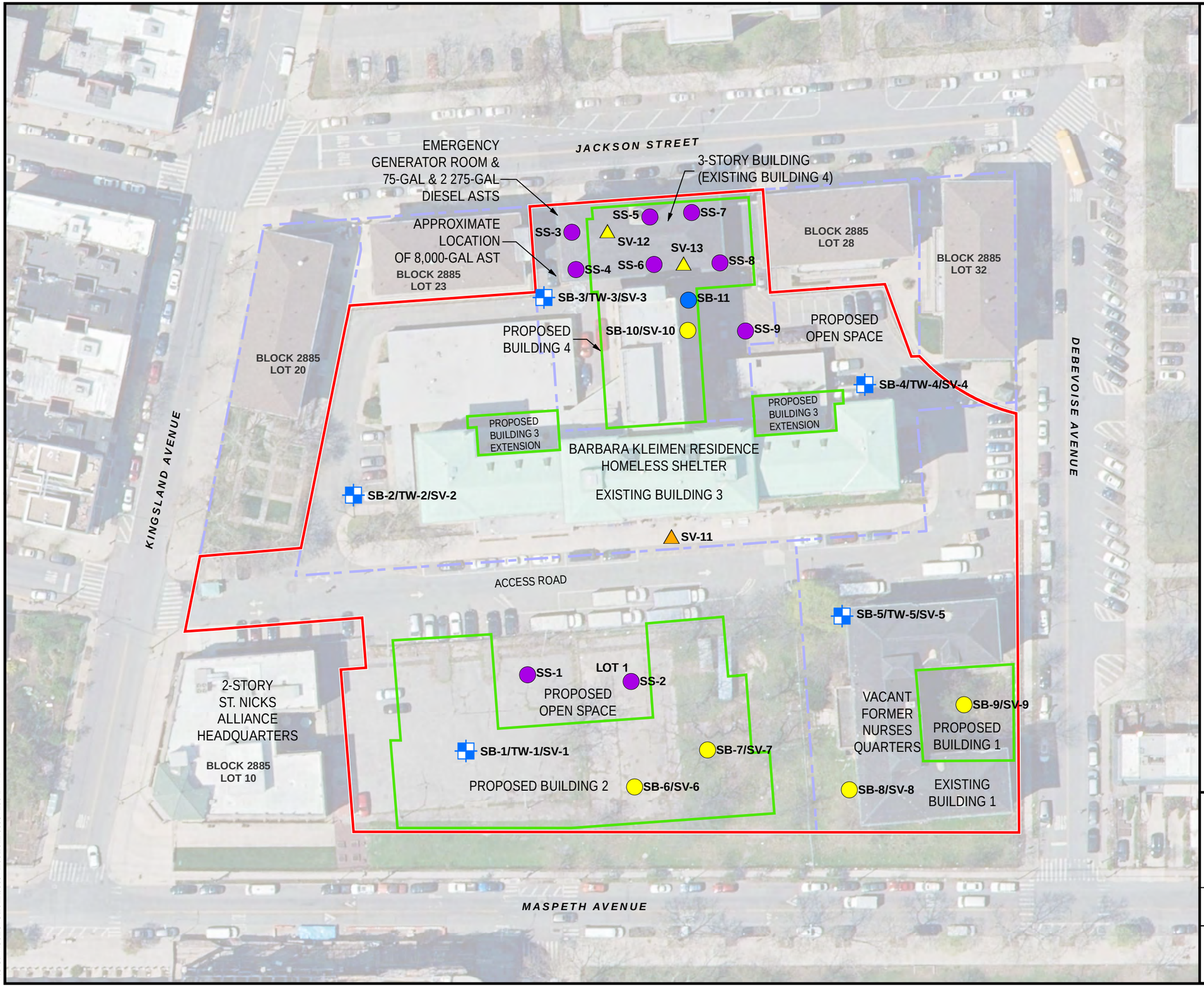

N

LEGEND

- SOIL BORING (TO WATER TABLE) AND SOIL VAPOR POINT
- SOIL BORING (TO WATER TABLE), TEMPORARY WELL, AND SOIL VAPOR POINT
- SHALLOW SOIL BORING
- SOIL BORING (TO WATER TABLE)
- SOIL VAPOR POINT (2FT ABOVE WATER TABLE)
- SUB-SLAB SOIL VAPOR
- PROPOSED LOT LINES
- PROPOSED REDEVELOPMENT BOUNDARY
- PROPOSED BUILDING

NOTES

1. BASEMAP ADAPTED FROM DRAWING Z-100.00 DATED 3/27/2020 DRAWN BY MAGNUSSON ARCHITECTURE & PLANNING PC

60 0 60'

Title:

SITE PLAN AND SAMPLE LOCATIONS

PHASE II ESA
288 JACKSON STREET, BROOKLYN, NEW YORK

Prepared for:

MASPETH MANAGER LLC

ROUX

Compiled by: K.S.	Date: 03/04/21
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: K.S.	Project: 2611.0003Y002
File: 2611.0003Y106.2.mxd	

FIGURE 2

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SS-3	12/07/2020
Depth (ft bls)	1 - 3
VOCs	NE
SVOCs	NE
Metals	
Chromium, Total	**32.4**
PCBs	ND
Pesticides	NE

SS-6	12/07/2020
Depth (ft bls)	0.5 - 2.5
VOCs	NE
SVOCs	
Benzo(A)Anthracene	**2.8**
Benzo(A)Pyrene	**2**
Benzo(B)Fluoranthene	**2.5**
Benzo(K)Fluoranthene	**1**
Chrysene	**2.8**
Dibenz(A,H)Anthracene	**0.42**
Indeno(1,2,3-C,D)Pyrene	**1.2**
Metals	NE
PCBs	ND
Pesticides	ND

SS-5	12/07/2020
Depth (ft bls)	0.5 - 2.5
VOCs	NE
SVOCs	NE
Metals	
Chromium, Total	**132**
Copper	**52.3**
Nickel	**31.6**
PCBs	ND
Pesticides	ND

SS-7	12/07/2020
Depth (ft bls)	0.5 - 2.5
VOCs	
Acetone	**0.081**
SVOCs	
2-Methylphenol (O-Cresol)	**0.38**
Metals	
Copper	**123**
Nickel	**58**
Zinc	**309**
PCBs	ND
Pesticides	ND

SS-8	12/07/2020
Depth (ft bls)	1 - 3
VOCs	NE
SVOCs	NE
Metals	NE
PCBs	ND
Pesticides	ND

SB-11	12/08/2020	12/08/2020
Depth (ft bls)	1 - 3	18 - 20
VOCs	ND	NE
SVOCs	NE	ND
Metals		
Arsenic	**18.1**	NE
Lead	**133**	NE
Mercury	**1**	ND
PCBs	ND	ND
Pesticides		
P,P'-DDE	**0.0057 J**	ND

SS-4	12/07/2020	12/07/2020
Depth (ft bls)	1 - 3	1 - 3 FD
VOCs	NE	NE
SVOCs	NE	NE
Metals	NE	NE
PCBs	ND	ND
Pesticides	ND	ND

SB-10	12/09/2020	12/09/2020
Depth (ft bls)	1 - 3	12 - 14
VOCs	ND	ND
SVOCs		
Benzo(A)Anthracene	**2.6**	ND
Benzo(A)Pyrene	**2.5**	ND
Benzo(B)Fluoranthene	**2.6**	ND
Benzo(K)Fluoranthene	**0.89**	ND
Chrysene	**2.5**	ND
Dibenz(A,H)Anthracene	**0.36**	ND
Indeno(1,2,3-C,D)Pyrene	**1.1**	ND
Metals		
Mercury	**1.8**	ND
PCBs	ND	ND
Pesticides		
P,P'-DDD	**0.0063 J**	ND

SB-3	12/08/2020	12/08/2020
Depth (ft bls)	1 - 3	19 - 21
VOCs		
Acetone	**0.058**	NE
SVOCs	NE	NE
Metals		
Chromium, Total	NE	**31.1**
Copper	**101**	NE
Lead	**251**	NE
Mercury	**1.1**	**0.41**
Zinc	**242**	NE
PCBs	ND	ND
Pesticides		
P,P'-DDD	**0.041**	ND
P,P'-DDE	**0.035**	ND
P,P'-DDT	**0.046**	ND

SS-9	12/09/2020
Depth (ft bls)	1 - 3
VOCs	NE
SVOCs	NE
Metals	
Lead	**116**
PCBs	ND
Pesticides	ND

SB-2	12/10/2020	12/10/2020
Depth (ft bls)	1 - 3	27 - 29
VOCs	ND	NE
SVOCs	NE	ND
Metals		
Copper	**131**	NE
Lead	**166**	NE
Mercury	**0.39**	ND
Zinc	**163**	NE
PCBs	ND	ND
Pesticides		
P,P'-DDD	**0.0037 J**	ND

SB-4	12/09/2020	12/09/2020
Depth (ft bls)	1 - 3	23 - 25
VOCs	ND	ND
SVOCs		
Benzo(A)Anthracene	**3.4**	ND
Benzo(A)Pyrene	**3.1**	ND
Benzo(B)Fluoranthene	**3.9**	ND
Benzo(K)Fluoranthene	**1.2**	ND
Chrysene	**2.8**	ND
Dibenz(A,H)Anthracene	**0.43**	ND
Indeno(1,2,3-C,D)Pyrene	**1.6**	ND
Metals		
Copper	**72.8**	NE
Lead	**164**	NE
Zinc	**114**	NE
PCBs	ND	ND
Pesticides	NE	ND

SS-1	12/11/2020
Depth (ft bls)	1 - 3
VOCs	NE
SVOCs	NE
Metals	NE
PCBs	ND
Pesticides	ND

SB-5	01/27/2021	01/27/2021
Depth (ft bls)	0 - 2	25 - 27
VOCs	ND	ND
SVOCs	NE	ND
Metals		
Copper	**94.8**	NE
Lead	**207**	NE
Manganese	**1740**	NE
Mercury	**0.27**	**0.23**
Zinc	**158**	NE
PCBs	ND	ND
Pesticides		
P,P'-DDE	**0.011**	ND
P,P'-DDT	**0.021**	ND

SB-1	01/28/2021	01/28/2021	01/28/2021
Depth (ft bls)	0 - 2	18 - 20	21 - 23
VOCs	ND	ND	NE
SVOCs			
Benzo(B)Fluoranthene	**1.1**	ND	ND
Indeno(1,2,3-C,D)Pyrene	**0.53**	ND	ND
Metals			
Copper	**70.6**	NE	NE
Lead	**435**	NE	NE
Mercury	**0.29**	ND	ND
Zinc	**130**	NE	NE
PCBs	ND	ND	ND
Pesticides	ND	ND	ND

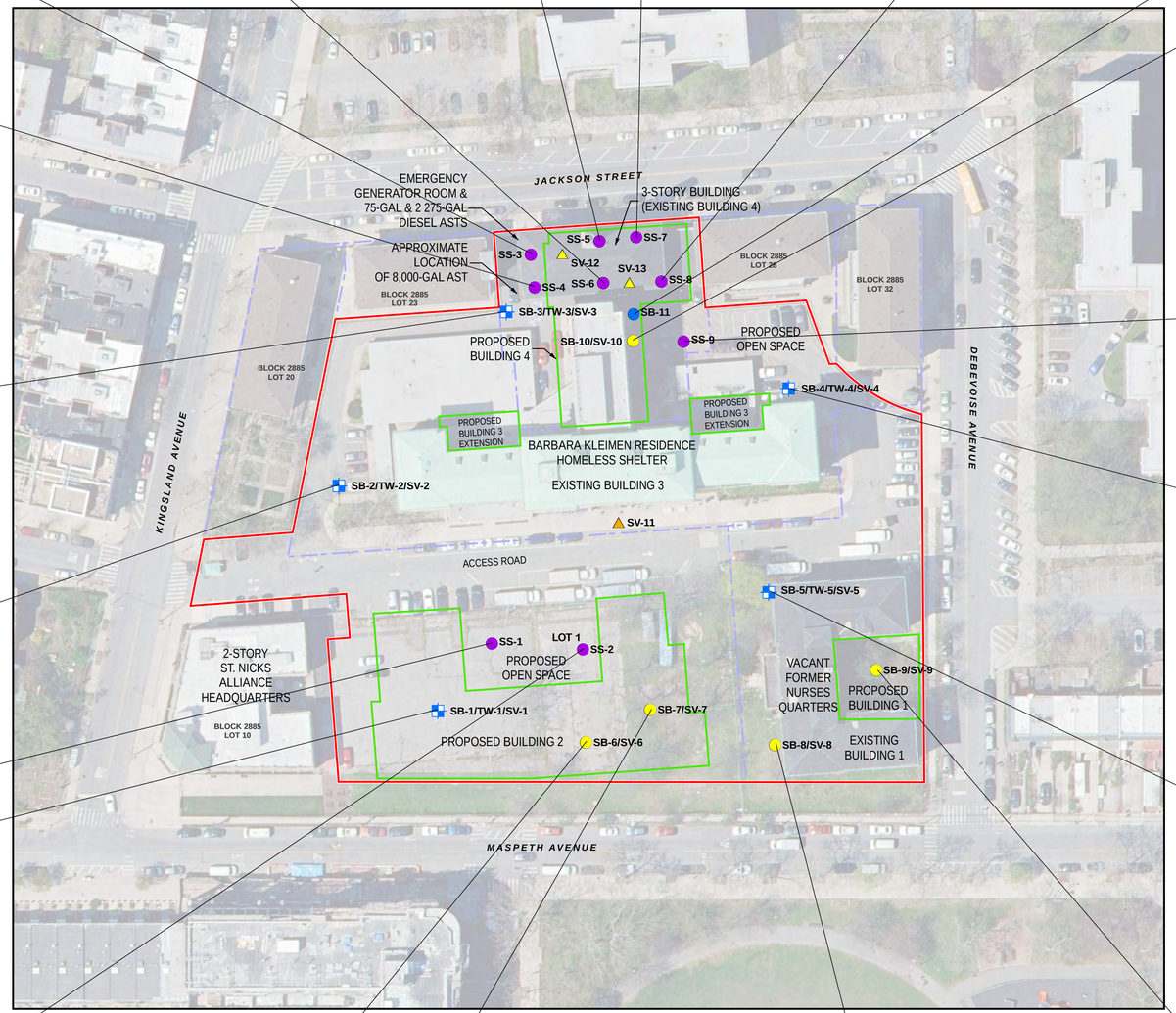
SS-2	12/11/2020
Depth (ft bls)	1 - 3
VOCs	NE
SVOCs	NE
Metals	
Copper	**63.2**
Lead	**183**
Mercury	**0.24**
Zinc	**336**
PCBs	ND
Pesticides	NE

SB-6	12/11/2020	12/11/2020
Depth (ft bls)	1 - 3	12 - 14
VOCs	NE	ND
SVOCs	NE	ND
Metals		
Lead	**88.2**	NE
PCBs	ND	ND
Pesticides	ND	ND

SB-7	01/28/2021	02/03/2021	02/03/2021
Depth (ft bls)	0 - 2	18 - 20	18 - 20 FD
VOCs	ND	ND	NA
SVOCs	NE	ND	ND
Metals			
Copper	**126**	NE	NE
Lead	**261**	NE	NE
Mercury	**0.41**	NE	NE
Zinc	**205**	NE	NE
PCBs	ND	ND	ND
Pesticides			
P,P'-DDT	**0.0048 J**	ND	ND

SB-8	01/27/2021	01/27/2021
Depth (ft bls)	0 - 2	12 - 14
VOCs	ND	ND
SVOCs	NE	NE
Metals		
Copper	**80**	NE
Lead	**104**	NE
Mercury	**0.44**	ND
Zinc	**149**	NE
PCBs	ND	ND
Pesticides	ND	ND

SB-9	01/27/2021	01/28/2021
Depth (ft bls)	0 - 2	18 - 20
VOCs	ND	ND
SVOCs	NE	ND
Metals		
Copper	**135**	NE
Lead	**186**	NE
Mercury	**0.48**	ND
PCBs	ND	ND
Pesticides		
P,P'-DDE	**0.014**	ND
P,P'-DDT	**0.032**	ND



LEGEND

- SOIL BORING (TO WATER TABLE) AND SOIL VAPOR POINT
- SOIL BORING (TO WATER TABLE), TEMPORARY WELL, AND SOIL VAPOR POINT
- SHALLOW SOIL BORING
- SOIL BORING (TO WATER TABLE)
- SOIL VAPOR POINT (2FT ABOVE WATER TABLE)
- SUB-SLAB SOIL VAPOR
- PROPOSED LOT LINES
- PROPOSED REDEVELOPMENT BOUNDARY
- PROPOSED BUILDING

Parameter	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives
VOCs			
Acetone	**0.05**	100	0.05
SVOCs			
2-Methylphenol (O-Cresol)	**0.33**	100	0.33
Benzo(A)Anthracene	**1**	1	1
Benzo(A)Pyrene	**1**	1	22
Benzo(B)Fluoranthene	**1**	1	1.7
Benzo(K)Fluoranthene	**0.8**	3.9	1.7
Chrysene	**1**	3.9	1
Dibenz(A,H)Anthracene	**0.33**	0.33	1000
Indeno(1,2,3-C,D)Pyrene	**0.5**	0.5	8.2
Metals			
Arsenic	**13**	16	16
Chromium, Total	**30**	180	--
Copper	**50**	270	1720
Lead	**63**	400	450
Manganese	**1600**	2000	2000
Mercury	**0.18**	0.81	0.73
Nickel	**30**	310	130
Zinc	**109**	10000	2480
PCBs	ND	ND	ND
Pesticides			
P,P'-DDD	**0.0033**	13	14
P,P'-DDE	**0.0033**	8.9	17
P,P'-DDT	**0.0033**	7.9	136

NOTES

1. ALL CONCENTRATIONS SHOWN IN MILLIGRAMS PER KILOGRAM
2. BOLD DATA INDICATES AN EXCEEDANCE OF NYSDEC PART 375 UNRESTRICTED USE SCO
3. SHADED DATA INDICATES AN EXCEEDANCE OF NYSDEC PART 375 RESTRICTED RESIDENTIAL SCO
4. RED DATA INDICATES AN EXCEEDANCE OF NYSDEC PART 375 PROTECTION OF GROUNDWATER SCO
5. BASEMAP ADAPTED FROM DRAWING Z-100.00 DATED 3/27/2020 DRAWN BY MAGNUSSON ARCHITECTURE & PLANNING PC

FD - DUPLICATE SAMPLE
FT BLS - FEET BELOW LAND SURFACE
J - ESTIMATED VALUE
NA - NOT ANALYZED
ND - NO DETECTION
NE - NO EXCEEDANCE
NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PCBS - POLYCHLORINATED BIPHENYLS
SVOCS - SEMIVOLATILE ORGANIC COMPOUNDS
VOCS - VOLATILE ORGANIC COMPOUNDS

50 0 50'

Title:

SUMMARY OF SOIL EXCEEDANCES

PHASE II ESA
288 JACKSON STREET, BROOKLYN, NEW YORK

Prepared for:

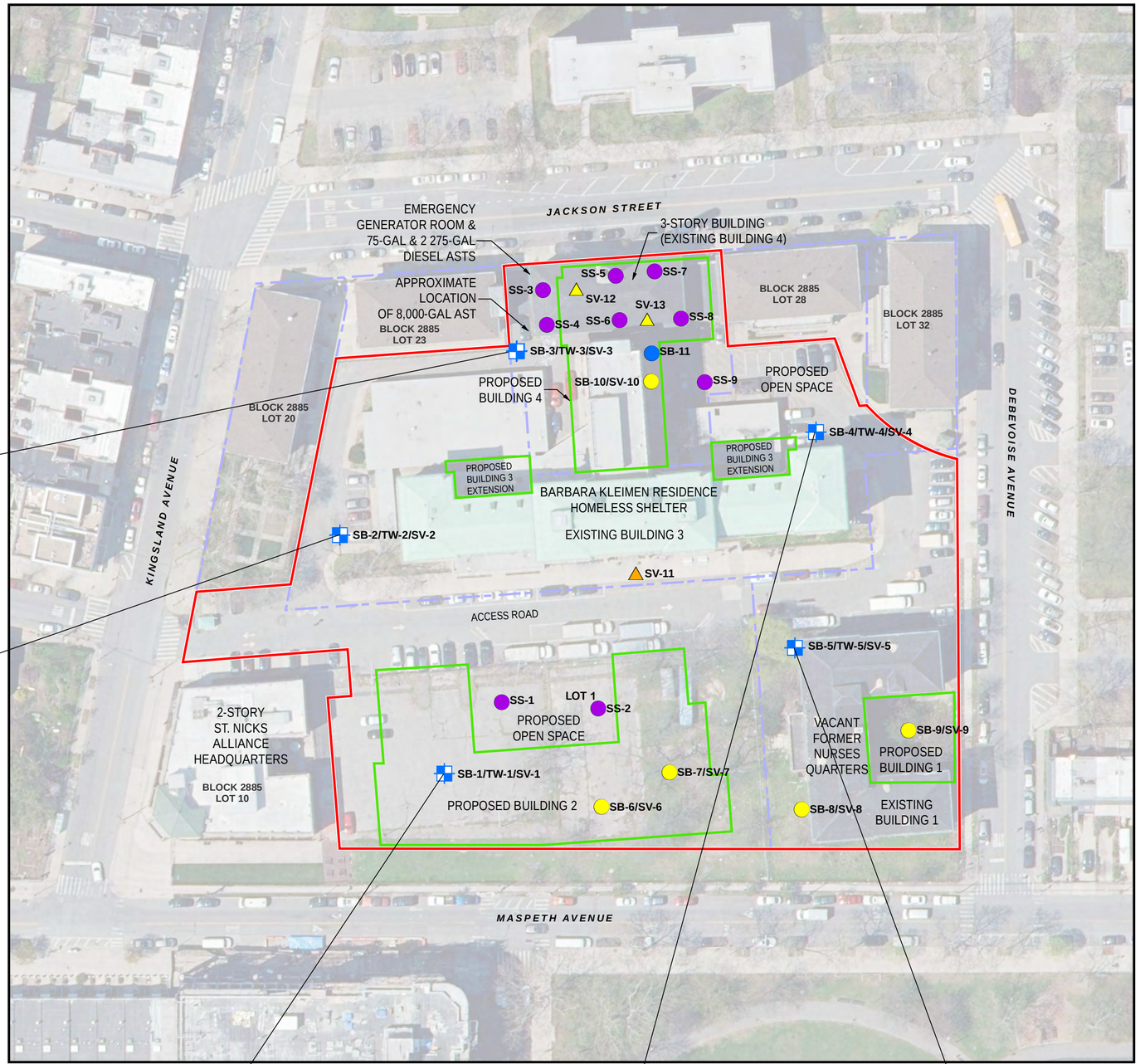
MASPETH MANAGER LLC

ROUX

Compiled by: P.R.	Date: 03/04/21
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: K.S.	Project: 2611.0003Y002
File: 2611.0003Y106.3.mxd	

FIGURE 3

V:\GIS\PROJECTS\2611\0003Y\105\2611.0003Y106.3.MXD



TW-3	12/08/2020
VOCs	ND
SVOCs	ND
Metals, Total	
Iron	**13000**
Lead	**31.4**
Selenium	**12.3**
Sodium	**244000**
Metals, Filtered	
Selenium	**14.3**
Sodium	**257000**
PCBs	ND
Pesticides	ND

TW-2	12/11/2020
VOCs	NE
SVOCs	ND
Metals, Total	
Iron	**28000**
Magnesium	**44400**
Manganese	**1840**
Sodium	**111000 B**
Metals, Filtered	
Iron	**4250**
Magnesium	**43500**
Manganese	**1630**
Sodium	**105000**
PCBs	ND
Pesticides	ND

TW-1	01/28/2021
VOCs	NE
SVOCs	ND
Metals, Total	
Iron	**1700**
Manganese	**458**
Metals, Filtered	
Manganese	**424**
PCBs	ND
Pesticides	ND

TW-4	12/09/2020	12/09/2020 FD
VOCs		
Tetrachloroethylene (PCE)	**7.5**	NE
Trichloroethylene (TCE)	**9.9**	**6**
SVOCs	ND	ND
Metals, Total		
Manganese	**498**	**386**
Sodium	**81600**	**75800**
Metals, Filtered		
Manganese	**415**	**321**
Sodium	**82100**	**79600**
PCBs	ND	ND
Pesticides	ND	ND

TW-5	01/27/2021
VOCs	NE
SVOCs	ND
Metals, Total	
Iron	**3920**
Manganese	**458**
Sodium	**36700**
Metals, Filtered	
Manganese	**415**
Sodium	**69700**
PCBs	ND
Pesticides	ND

LEGEND

- SOIL BORING (TO WATER TABLE) AND SOIL VAPOR POINT
- SOIL BORING (TO WATER TABLE), TEMPORARY WELL, AND SOIL VAPOR POINT
- SHALLOW SOIL BORING
- SOIL BORING (TO WATER TABLE)
- SOIL VAPOR POINT (2FT ABOVE WATER TABLE)
- SUB-SLAB SOIL VAPOR
- PROPOSED LOT LINES
- PROPOSED REDEVELOPMENT BOUNDARY
- PROPOSED BUILDING

Parameter	NYSDEC AWQSGV
VOCs	
Tetrachloroethylene (PCE)	**5**
Trichloroethylene (TCE)	**5**
SVOCs	ND
Metals, Total	
Iron	**300**
Lead	**25**
Magnesium	**35000**
Manganese	**300**
Selenium	**10**
Sodium	**20000**
Metals, Filtered	
Iron	**300**
Magnesium	**35000**
Manganese	**300**
Selenium	**10**
Sodium	**20000**
PCBs	ND
Pesticides	ND

NOTES

1. ALL CONCENTRATIONS SHOWN IN MICROGRAMS PER LITER
2. BOLD DATA INDICATES AN EXCEEDANCE OF NYSDEC AWQSGVS
3. BASEMAP ADAPTED FROM DRAWING Z-100.00 DATED 3/27/2020 DRAWN BY MAGNUSSON ARCHITECTURE & PLANNING PC

AWQSGVS - AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES
B - FOUND IN LABORATORY BLANK
FD - DUPLICATE SAMPLE
ND - NO DETECTIONS
NE - NO EXCEEDANCES
NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PCBS - POLYCHLORINATED BIPHENYLS
SVOCS - SEMIVOLATILE ORGANIC COMPOUNDS
VOCS - VOLATILE ORGANIC COMPOUNDS

60 0 60'

Title:

SUMMARY OF GROUNDWATER EXCEEDANCES

PHASE II ESA
288 JACKSON STREET, BROOKLYN, NEW YORK

Prepared for:

MASPETH MANAGER LLC

ROUX

Compiled by: P.R.	Date: 03/04/21
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: K.S.	Project: 2611.0003Y002
File: 2611.0003Y106.4.mxd	

FIGURE 4

V:\GIS\PROJECTS\2611\0003Y\106\2611.0003Y106.4.MXD

SV-12	12/07/2020
VOCs	
1,1,1-Trichloroethane (TCA)	4
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.6 J
1,2,4-Trimethylbenzene	8.1
1,3,5-Trimethylbenzene (Mesitylene)	3.8
1,3-Butadiene	0.28 J
2,2,4-Trimethylpentane	0.3 J
4-Ethyltoluene	3.7
Acetone	32
Benzene	0.94
Carbon Disulfide	2.6
Carbon Tetrachloride	0.32
Chloroform	1.9
Chloromethane	0.49 J
Cyclohexane	0.29 J
Cymene	0.65 J
Dichlorodifluoromethane	2.1 J
Ethylbenzene	4.5
Isopropanol	4.4 J
Isopropylbenzene (Cumene)	1.8
m,p-Xylene	9.3
Methyl Ethyl Ketone (2-Butanone)	6
Methylene Chloride	1 J
Naphthalene	48
N-Butylbenzene	0.39 J
N-Heptane	2.1
N-Hexane	6
N-Propylbenzene	1
O-Xylene (1,2-Dimethylbenzene)	4.3
Sec-Butylbenzene	0.27 J
Styrene	0.36 J
Tert-Butyl Alcohol	0.24 J
Tetrachloroethylene (PCE)	85
Toluene	3.7
Trichloroethylene (TCE)	0.23
Trichlorofluoromethane	1.3

SV-3	12/09/2020
VOCs	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.57 J
1,2,4-Trimethylbenzene	1.2
1,3,5-Trimethylbenzene (Mesitylene)	0.4 J
1,3-Butadiene	0.25 J
2,2,4-Trimethylpentane	9.2
2-Hexanone	3.6
4-Ethyltoluene	0.3 J
Acetone	21
Benzene	5.8
Carbon Disulfide	2.6
Carbon Tetrachloride	0.47
Chloroform	0.98
Cyclohexane	2.9
Dichlorodifluoromethane	2.5
Ethylbenzene	1.2
Isopropanol	2.9 J
Isopropylbenzene (Cumene)	0.18 J
m,p-Xylene	3
Methyl Ethyl Ketone (2-Butanone)	3.6
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	11
N-Heptane	10
N-Hexane	14
N-Propylbenzene	0.24 J
O-Xylene (1,2-Dimethylbenzene)	1.3
Tert-Butyl Alcohol	26
Tetrachloroethylene (PCE)	5.4
Toluene	16
Trichloroethylene (TCE)	0.26
Trichlorofluoromethane	1.3

SV-2	02/03/2021
VOCs	
1,2,4-Trimethylbenzene	1.4
1,3,5-Trimethylbenzene (Mesitylene)	0.59 J
1,3-Butadiene	16
2,2,4-Trimethylpentane	14
4-Ethyltoluene	0.56 J
Acetone	51
Benzene	3.6
Carbon Disulfide	2.6
Chlorobenzene	1.3
Chloromethane	3.6
Cyclohexane	8
Dichlorodifluoromethane	2.6
Ethylbenzene	2.2
Isopropanol	10 J
m,p-Xylene	6.4
Methyl Ethyl Ketone (2-Butanone)	3
N-Heptane	5.9
N-Hexane	17
O-Xylene (1,2-Dimethylbenzene)	2.4
Tert-Butyl Alcohol	4 J
Tert-Butyl Methyl Ether	0.3 J
Toluene	21
Trichlorofluoromethane	1.1

SV-13	12/07/2020
VOCs	
1,1,1-Trichloroethane (TCA)	0.81 J
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.69 J
1,2,4-Trimethylbenzene	9.4
1,3,5-Trimethylbenzene (Mesitylene)	6.5
4-Ethyltoluene	3
Acetone	8.9 J
Benzene	1.7
Carbon Disulfide	1.5 J
Carbon Tetrachloride	0.42
Chloroform	12
Chloromethane	0.28 J
Cyclohexane	0.23 J
Cymene	1.9
Dichlorodifluoromethane	2.2 J
Ethylbenzene	2.5
Isopropylbenzene (Cumene)	3.4
m,p-Xylene	6.7
Methyl Ethyl Ketone (2-Butanone)	1.7
Naphthalene	7
N-Butylbenzene	0.24 J
N-Heptane	0.5 J
N-Hexane	0.78
N-Propylbenzene	0.98
O-Xylene (1,2-Dimethylbenzene)	3.6
Sec-Butylbenzene	0.26 J
Styrene	0.5 J
Tert-Butyl Alcohol	0.35 J
Tetrachloroethylene (PCE)	7.5
Toluene	2.8
Trichloroethylene (TCE)	0.23
Trichlorofluoromethane	1.1

SV-10	12/10/2020
VOCs	
1,1,1-Trichloroethane (TCA)	0.56 J
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.71 J
1,2,4-Trimethylbenzene	32
1,3,5-Trimethylbenzene (Mesitylene)	9.5
1,3-Butadiene	13
2,2,4-Trimethylpentane	3.8
2-Hexanone	4.7
4-Ethyltoluene	14
Acetone	25
Benzene	6.5
Carbon Disulfide	3.9
Carbon Tetrachloride	0.45
Chloroform	43
Chloromethane	0.5 J
Cyclohexane	1.9
Cymene	0.38 J
Dichlorodifluoromethane	2.4 J
Ethylbenzene	45
Isopropanol	3.8 J
Isopropylbenzene (Cumene)	2.8
m,p-Xylene	150
Methyl Ethyl Ketone (2-Butanone)	6.5
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	7.5
Naphthalene	1.2 J
N-Butylbenzene	0.83 J
N-Heptane	11
N-Hexane	15
N-Propylbenzene	10
O-Xylene (1,2-Dimethylbenzene)	45
Sec-Butylbenzene	0.47 J
Styrene	0.44 J
Tert-Butyl Alcohol	17
Tetrachloroethylene (PCE)	9.7
Toluene	110
Trichloroethylene (TCE)	1.1
Trichlorofluoromethane	2.5

SV-1	02/03/2021
VOCs	
1,1,1-Trichloroethane (TCA)	1.1
1,2,4-Trimethylbenzene	1.8
1,3,5-Trimethylbenzene (Mesitylene)	0.77 J
2,2,4-Trimethylpentane	19
4-Ethyltoluene	0.57 J
Acetone	60
Benzene	3
Carbon Disulfide	3.7
Chlorobenzene	0.97
Cyclohexane	2.3
Dichlorodifluoromethane	2.7
Ethylbenzene	4.3
Isopropanol	13
m,p-Xylene	13
Methyl Ethyl Ketone (2-Butanone)	2.1
Naphthalene	1 J
N-Heptane	5.1
N-Hexane	6
O-Xylene (1,2-Dimethylbenzene)	4.1
Tert-Butyl Alcohol	1.8 J
Tetrachloroethylene (PCE)	13
Toluene	59
Trichlorofluoromethane	1.7

SV-11	12/11/2020
VOCs	
1,1,2-Trichloro-1,2,2-Trifluoroethane	130
1,1-Dichloroethane	16 J
1,1-Dichloroethene	290
2,2,4-Trimethylpentane	13 J
Acetone	420 J
Benzene	17 J
Carbon Disulfide	52 J
Cis-1,2-Dichloroethylene	28
Cyclohexane	76
m,p-Xylene	80 J
N-Heptane	25 J
N-Hexane	120
O-Xylene (1,2-Dimethylbenzene)	34 J
Tert-Butyl Alcohol	31 J
Tetrachloroethylene (PCE)	730
Trans-1,2-Dichloroethene	49 J
Trichloroethylene (TCE)	300

SV-6	12/11/2020
VOCs	
1,1,1-Trichloroethane (TCA)	23
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.9
1,1-Dichloroethene	0.59
1,2,4-Trimethylbenzene	0.38 J
1,3-Butadiene	25
2-Hexanone	1.9 J
4-Ethyltoluene	0.21 J
Acetone	240 D
Benzene	8.7
Carbon Disulfide	120
Chloromethane	0.26 J
Cyclohexane	0.76
Dichlorodifluoromethane	2.2 J
Ethylbenzene	1.8
m,p-Xylene	3.1
Methyl Ethyl Ketone (2-Butanone)	57
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	1.7 J
N-Heptane	12
N-Hexane	24
N-Propylbenzene	0.24 J
O-Xylene (1,2-Dimethylbenzene)	1.1
Styrene	0.3 J
Tert-Butyl Alcohol	22
Tetrachloroethylene (PCE)	430 D
Toluene	8.5
Trichloroethylene (TCE)	0.81
Trichlorofluoromethane	1.3

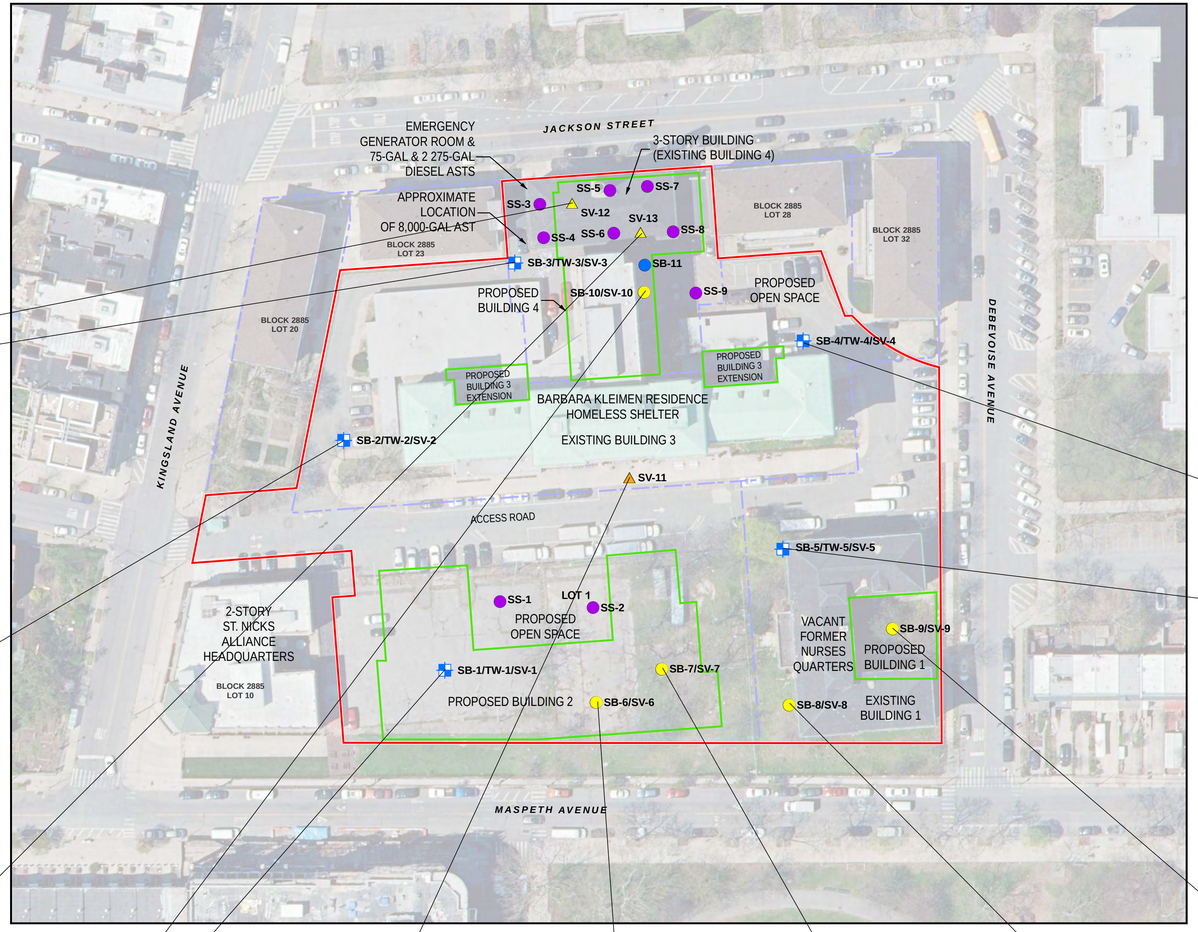
SV-7	02/03/2021
VOCs	
1,1,1-Trichloroethane (TCA)	2.4
1,2,4-Trimethylbenzene	0.76 J
1,3-Butadiene	60
2,2,4-Trimethylpentane	18
Acetone	81 D
Benzene	14
Carbon Disulfide	3.3
Chloroform	2.1
Dichlorodifluoromethane	2.6
Ethylbenzene	6.8
Isopropanol	6.8 J
m,p-Xylene	16
Methyl Ethyl Ketone (2-Butanone)	10
N-Heptane	13
N-Hexane	35
O-Xylene (1,2-Dimethylbenzene)	5.7
Tetrachloroethylene (PCE)	14
Toluene	70
Trichlorofluoromethane	1.4

SV-8	01/28/2021
VOCs	
1,1,1-Trichloroethane (TCA)	1.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.7
1,1-Dichloroethane	0.55 J
1,2,4-Trichlorobenzene	2.4 J
1,2,4-Trimethylbenzene	20
1,2-Dichlorobenzene	1.9
1,3,5-Trimethylbenzene (Mesitylene)	5.5
1,3-Butadiene	0.5
1,3-Dichlorobenzene	1.6
1,4-Dichlorobenzene	26
1,4-Dioxane (P-Dioxane)	2.1 J
2,2,4-Trimethylpentane	7.6
2-Hexanone	1.7 J
4-Ethyltoluene	4.1
Acetone	70
Benzene	3.9
Carbon Disulfide	17
Chlorobenzene	0.71 J
Chloroform	0.84 J
Chloromethane	0.65 J
Cyclohexane	2.8
Cymene	69
Dichlorodifluoromethane	2.7
Ethylbenzene	17
Isopropanol	20
Isopropylbenzene (Cumene)	2.7
m,p-Xylene	36
Methyl Ethyl Ketone (2-Butanone)	19
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	4
Naphthalene	47
N-Butylbenzene	1.9 B
N-Heptane	6.8
N-Hexane	5.3
N-Propylbenzene	3.7
O-Xylene (1,2-Dimethylbenzene)	13
Styrene	1.8
Tert-Butyl Alcohol	13 J
Tetrachloroethylene (PCE)	33
Tetrahydrofuran	7.5 J
Toluene	56
Trichloroethylene (TCE)	18
Trichlorofluoromethane	1.5

SV-9	01/28/2021
VOCs	
1,1,1-Trichloroethane (TCA)	7.3
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.8
1,2,4-Trimethylbenzene	3.5
1,3,5-Trimethylbenzene (Mesitylene)	0.81 J
1,3-Butadiene	31
1,4-Dichlorobenzene	0.95 J
1,4-Dioxane (P-Dioxane)	0.56 J
2,2,4-Trimethylpentane	17
2-Hexanone	1.1
4-Ethyltoluene	0.92 J
Acetone	82
Benzene	12
Carbon Disulfide	4.9 B
Carbon Tetrachloride	0.28
Chloroform	5.5
Chloromethane	0.54 J
Cis-1,2-Dichloroethylene	0.57
Cyclohexane	6.9
Cymene	2.3
Dichlorodifluoromethane	1.6 J
Ethylbenzene	3
Isopropanol	23
Isopropylbenzene (Cumene)	0.5 J
m,p-Xylene	6.8
Methyl Ethyl Ketone (2-Butanone)	17
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	5
Naphthalene	8.6
N-Butylbenzene	0.29 J
N-Heptane	17
N-Hexane	28
N-Propylbenzene	0.95 J
O-Xylene (1,2-Dimethylbenzene)	2.5
Sec-Butylbenzene	0.2 J
Styrene	0.29 J
Tert-Butyl Alcohol	3.8 J
Tetrachloroethylene (PCE)	29
Toluene	47
Trichloroethylene (TCE)	24
Trichlorofluoromethane	1.3

SV-4	12/10/2020	12/10/2020 FD
VOCs		
1,1,1-Trichloroethane (TCA)	ND	0.39 J
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.66 J	0.93 J
1,1-Dichloroethene	0.22	0.88
1,2,4-Trimethylbenzene	21	23
1,3,5-Trimethylbenzene (Mesitylene)	6	6.4
1,3-Butadiene	0.64	0.8
1,4-Dioxane (P-Dioxane)	0.43 J	ND
2,2,4-Trimethylpentane	3.6	2.2
2-Hexanone	2	1 J
4-Ethyltoluene	6.7	7
Acetone	14	15
Benzene	2.7	1.9
Carbon Disulfide	1.4 J	1.6
Carbon Tetrachloride	0.43	0.43
Chloroform	0.46 J	0.81 J
Chloromethane	0.84 J	0.48 J
Cyclohexane	1.4	1.1
Cymene	0.37 J	0.33 J
Dichlorodifluoromethane	2.2 J	2.5
Ethylbenzene	18	14
Isopropanol	2 J	2.1 J
Isopropylbenzene (Cumene)	1.4	1.2
m,p-Xylene	55	47
Methyl Ethyl Ketone (2-Butanone)	2.5	2.1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	3.2	2.1
Methylene Chloride	ND	1 J
Naphthalene	ND	1.3 J
N-Butylbenzene	0.62 J	0.68 J
N-Heptane	8.2	6.1
N-Hexane	10	10
N-Propylbenzene	4.8	4.7
O-Xylene (1,2-Dimethylbenzene)	20	17
Sec-Butylbenzene	0.29 J	0.29 J
Tert-Butyl Alcohol	16	9.6 J
Tetrachloroethylene (PCE)	5.5	16
Toluene	50	31
Trichloroethylene (TCE)	3.3	7.7
Trichlorofluoromethane	1.2	1.2
Vinyl Chloride	ND	0.21

SV-5	01/28/2021
VOCs	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.73 J
1,2,4-Trimethylbenzene	1.5
1,3,5-Trimethylbenzene (Mesitylene)	0.57 J
1,3-Butadiene	11
2,2,4-Trimethylpentane	13
4-Ethyltoluene	0.6 J
Benzene	6.6
Carbon Disulfide	7.1 B
Carbon Tetrachloride	0.21 J
Chloroform	1.3
Cyclohexane	4.3
Dichlorodifluoromethane	1.8 J
Ethylbenzene	6.5
Isopropanol	9.4 J
Isopropylbenzene (Cumene)	0.3 J
m,p-Xylene	18
Methyl Ethyl Ketone (2-Butanone)	3.8
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2.7
N-Heptane	10
N-Hexane	21
N-Propylbenzene	0.55 J
O-Xylene (1,2-Dimethylbenzene)	5.9
Tert-Butyl Alcohol	4.4 J
Tetrachloroethylene (PCE)	1.5
Tetrahydrofuran	0.99 J
Toluene	45
Trichloroethylene (TCE)	1.1
Trichlorofluoromethane	1.4



LEGEND

- SOIL BORING (TO WATER TABLE) AND SOIL VAPOR POINT
- SOIL BORING (TO WATER TABLE), TEMPORARY WELL, AND SOIL VAPOR POINT
- SHALLOW SOIL BORING
- SOIL BORING (TO WATER TABLE)
- SOIL VAPOR POINT (2FT ABOVE WATER TABLE)
- SUB-SLAB SOIL VAPOR
- PROPOSED LOT LINES
- PROPOSED REDEVELOPMENT BOUNDARY
- PROPOSED BUILDING

NOTES

1. ALL CONCENTRATIONS SHOWN IN MICROGRAMS PER CUBIC METER
2. BASEMAP ADAPTED FROM DRAWING 2-100.00 DATED 3/27/2020 DRAWN BY MAGNUSSON ARCHITECTURE & PLANNING PC

B - THE ANALYTE WAS FOUND IN AN ASSOCIATED BLANK AS WELL AS IN THE SAMPLE
D - A SECONDARY ANALYSIS AFTER DILUTION DUE TO EXCEEDANCE OF THE CALIBRATION RANGE IN THE ORIGINAL SAMPLE
J - ESTIMATED VALUE
ND - COMPOUND WAS ANALYZED FOR BUT NOT DETECTED
VOCS - VOLATILE ORGANIC COMPOUNDS

50 0 50'

Title:

SUMMARY OF SOIL VAPOR DETECTIONS

PHASE II ESA
288 JACKSON STREET, BROOKLYN, NEW YORK

Prepared for:

MASPETH MANAGER LLC

ROUX

Compiled by: P.R.	Date: 03/04/21
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: K.S.	Project: 2611.0003Y002
File: 2611.0003Y106.5.mxd	

FIGURE 5

V:\GIS\PROJECTS\2611\0003Y\106\2611.0003Y106.5.MXD

APPENDICES

A. Geophysical Survey Report

B. Soil Boring Logs

C. Laboratory Analytical Reports

APPENDIX A

Geophysical Survey Report

288 Jackson Street, Brooklyn, New York 11211

Ground Penetrating Radar (GPR) Geophysical Survey Results

APPENDIX B

Soil Boring Logs

SB-1/TW-1/SV-1

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Julia Michaels

Start to Finish Date: 1/28/2021 - 1/28/2021	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 40 feet	Backfill: #2 Morie Sand	Borehole Diameter: 2-inches	DTW: 23 feet
Area: Proposed Building #2	Elevation: NM	Northing: NM	Easting: NM

Well Depth: 31 feet	Well Dia./Materials: 1-inch PVC	Screen Interval: 21-31 feet	Screen Slot Size: 10-Slot	Sand/Filter Pack Size: NA	Annular Seal: NA

Depth (ft)	Well Diagram	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	NA NA	ASPH/MIXD		ASPHALT.				
				Dark brown, fine to medium SAND, little coarse Sand and fine Gravel, trace silt (FILL); moist.		5	0.0 0.0 0.0	Precleared to 5 ft bls. Soil grab sample SB-1_0-2 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
5		SWG		Light brown, fine to medium SAND, some coarse Sand, little Clay and fine to coarse Gravel; moist.				
		SP		Medium brown, fine SAND, little fine Gravel; moist.		4	0.0	
10		SC		Medium brown, fine SAND and CLAY, trace fine gravel; moist.				
	21 ft of PVC riser from 0 to 21 ft bls.	CL		Medium grey, CLAY, some fine Sand; moist.		5	0.0 0.0 0.0 0.0	Soil vapor sample SV-1 collected from 11 to 11.5 ft bls for TO-15 VOCs.
15	GROUND WATER LEVEL 1/28/2021 (Perched from 13 to 16 ft bls)	CL		Medium grey, CLAY, some fine Sand; wet.				3 ft of perched groundwater observed from 13 to 16 ft bls.
		SW		Medium brown, fine SAND, some medium to coarse Sand, little fine Gravel; moist.		5	0.0 0.0 0.0	Soil grab sample SB-1_18-20 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
20								Soil grab sample SB-1_21-23 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
	GROUND WATER LEVEL 1/28/2021	SC		Light brown, fine SAND and CLAY, trace fine gravel; wet.		5	0.0 0.0	Groundwater observed at 23 ft bls.
25		SW		Reddish brown, fine to coarse SAND, trace fine gravel; wet.				
	10 ft of 10-slot PVC screen from 21 to 31 ft bls.	GP		Light brown, fine to medium GRAVEL, some medium to coarse Sand, little fine Sand; wet.		5	0.0 0.0 0.0 0.0	Groundwater grab sample TW-1 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and total/dissolved TAL Metals + Mercury.
30		SW		Medium brown, fine SAND, some medium to coarse Sand, trace fine gravel; wet.				
		SWG		Medium brown, fine to coarse SAND, some fine to medium Gravel; wet.		5	0.0 0.0 0.0 0.0	
35							0.0 0.0 0.0 0.0	

Bottom of borehole at 40 feet

SB-10/SV-10

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer

Start to Finish Date: 12/9/2020 - 12/9/2020	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 15 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW: NM feet
Area: East of Proposed Building #4	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	ASPH		ASPHALT.				Precleared to 5 ft bls.
	MIXD		Dark brown to dark grey, fine to coarse GRAVEL and fine to coarse SAND, little Silt, Asphalt, and Concrete (SUB-BASE MATERIAL); dry.			0.0	
	MIXD		Medium brown, fine to medium SAND and SILT, some fine to medium Gravel, little coarse Sand and Brick (FILL); moist.			0.0	Soil grab sample SB-10_1-3 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
	MIXD		Medium grey, fine to coarse SAND and fine GRAVEL, some Ash, Brick, and Concrete (FILL); moist.		5	0.0	
	MLS		Medium brown, SILT, some fine Sand, little fine to medium Gravel, trace medium sand; moist.			0.0	
			Medium brown, fine to medium SAND, trace coarse sand; moist.			0.0	
5						0.0	
	SP					0.0	
					5	0.0	
			Light brown to medium brown, fine SAND and SILT, little medium Sand; moist.			0.0	
						0.0	
10							
	SM				3	0.0	Soil grab sample SB-10_12-14 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury. Soil vapor sample SV-10 collected from 12.5 to 13 ft bls for TO-15 VOCs.

Bottom of borehole at 15 feet

SB-11

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002	
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer	
Start to Finish Date: 12/8/2020 - 12/8/2020	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 20 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW: NM feet
Area: South of 3-Story Building	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	Groundwater & Product Levels	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
		ASPH		ASPHALT.			0.0	Precleared to 5 ft bls.
		MIXD		Medium brown to dark brown, fine to coarse SAND and fine to medium GRAVEL, some coarse Gravel, little Silt (SUB-BASE MATERIAL); dry.			0.0	
		MIXD		Medium brown, fine to coarse SAND, some fine to coarse Gravel, little Silt, Brick, and Concrete (FILL); dry.			0.0	Soil grab sample SB-11_1-3 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
		MIXD		Medium brown, fine to medium SAND and SILT, some coarse Sand and medium to coarse Gravel, little fine Gravel, Concrete, and Slag (FILL); moist.		5	0.1	
				Light brown to medium brown, SILT and fine SAND, some medium Sand; moist.			0.1	
5		MLS					0.1	
				Medium brown, fine to medium SAND, trace coarse sand and silt; moist.		4	0.1	
		SP					0.1	
							0.0	
10							0.0	
				Light brown to medium brown, fine SAND and SILT, some medium Sand; moist.		4	0.0	
		SM					0.1	
				Medium brown, fine to medium SAND, some coarse Sand and fine to medium Gravel, little Silt; moist.			0.1	
15		SWG						
		SM		Light brown to medium brown, fine to medium SAND and SILT, some coarse Sand, little fine to coarse Gravel; moist.				
	▽ GROUND WATER LEVEL 12/8/2020 (Perched from 17 to 17.25 ft bls)	SM		Light brown to medium brown, fine to medium SAND and SILT, some coarse Sand, little fine to coarse Gravel; wet.		4		3 inches of perched groundwater observed from 17 to 17.25 ft bls.
		SM		Light brown to medium brown, fine to medium SAND and SILT, some coarse Sand, little fine to coarse Gravel; moist.			0.0	Soil grab sample SB-11_18-20 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
							0.0	

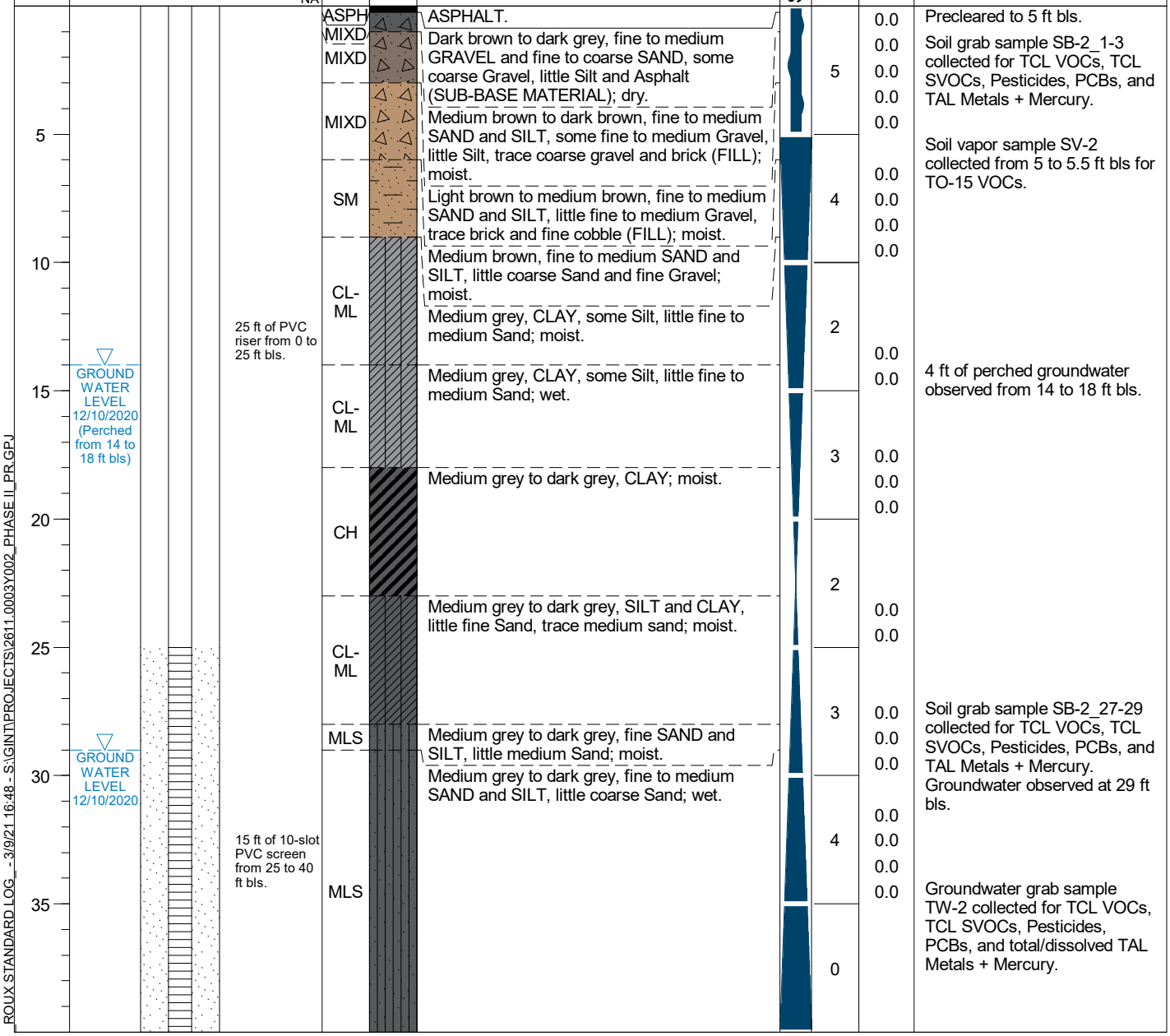
Bottom of borehole at 20 feet

SB-2/TW-2/SV-2

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer

Start to Finish Date: 12/10/2020 - 12/10/2020	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 40 feet	Backfill: #2 Morie Sand	Borehole Diameter: 2-inches	DTW: 29 feet
Area: West of Existing Building #3	Elevation: NM	Northing: NM	Easting: NM

Well Depth: 40 feet	Well Dia./Materials: 1-inch PVC	Screen Interval: 25-40 feet	Screen Slot Size: 10-Slot	Sand/Filter Pack Size: NA	Annular Seal: NA



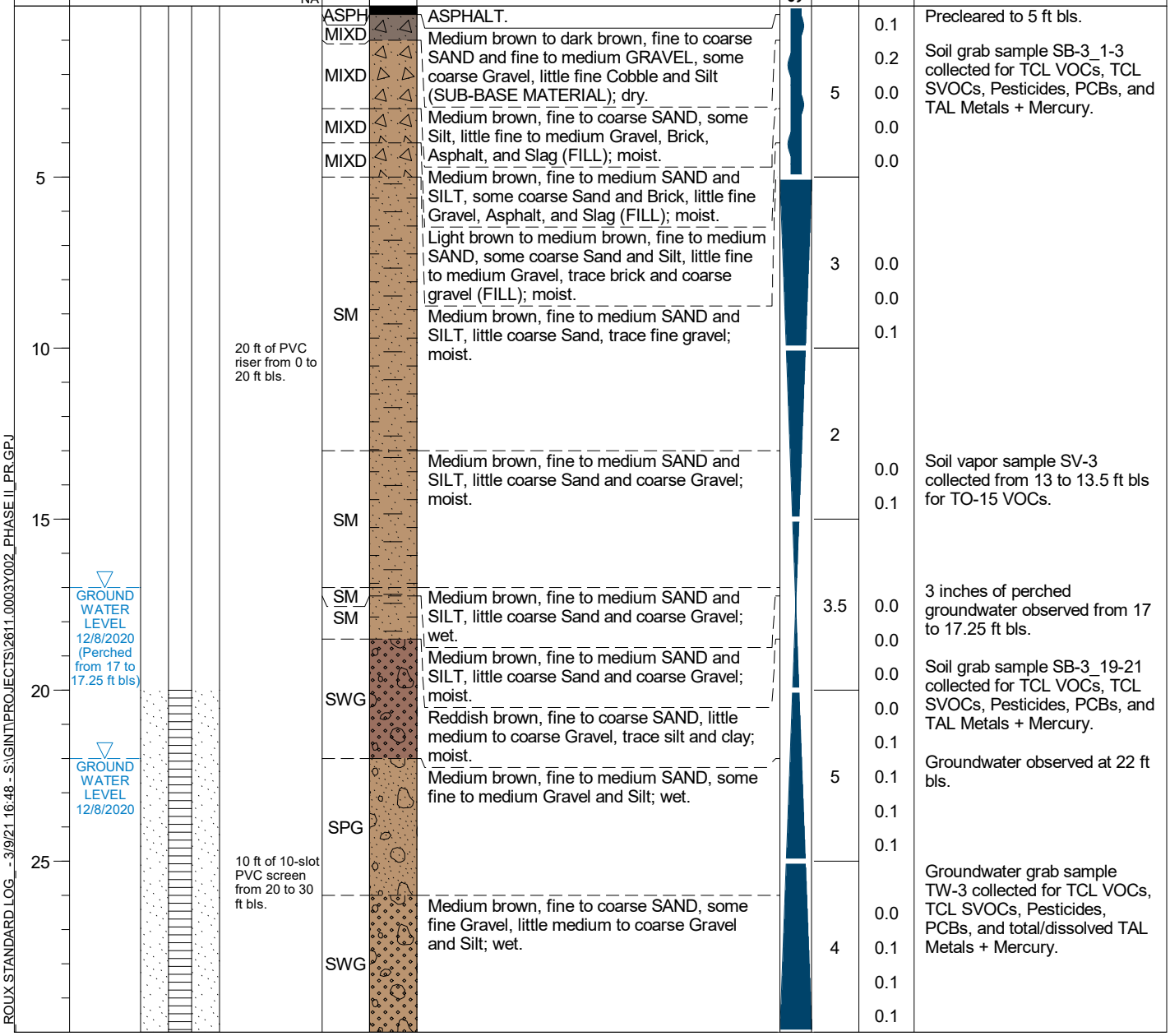
Bottom of borehole at 40 feet

SB-3/TW-3/SV-3

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer

Start to Finish Date: 12/8/2020 - 12/8/2020	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 30 feet	Backfill: #2 Morie Sand	Borehole Diameter: 2-inches	DTW: 22 feet
Area: Southwest of 3-Story Building	Elevation: NM	Northing: NM	Easting: NM

Well Depth: 30 feet	Well Dia./Materials: 1-inch PVC	Screen Interval: 20-30 feet	Screen Slot Size: 10-Slot	Sand/Filter Pack Size: NA	Annular Seal: NA



Bottom of borehole at 30 feet

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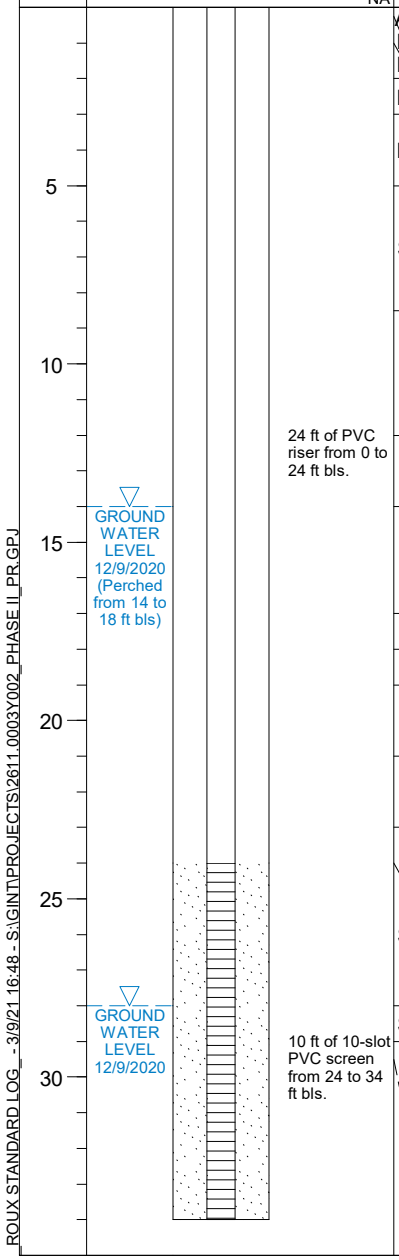
SB-4/TW-4/SV-4

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002	
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer	
Start to Finish Date: 12/9/2020 - 12/9/2020	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 35 feet	Backfill: #2 Morie Sand	Borehole Diameter: 2-inches	DTW: 28 feet
Area: Northeast of Existing Building #3	Elevation: NM	Northing: NM	Easting: NM

Well Depth:	Well Dia./Materials:	Screen Interval:	Screen Slot Size:	Sand/Filter Pack Size:	Annular Seal:
34 feet	1-inch PVC	24-34 feet	10-Slot	NA	NA



USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
ASPH		ASPHALT.			0.0	Precleared to 5 ft bls.
MIXD		Medium brown to dark brown, fine to coarse GRAVEL, some fine to coarse Sand, trace silt (SUB-BASE MATERIAL); dry.		5	0.0	Soil grab sample SB-4_1-3 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
MIXD		Medium brown, fine to coarse SAND, some fine to coarse Gravel, little Silt, Brick, Concrete, and Asphalt (FILL); dry.			0.0	
SWG		Light brown to medium brown, fine SAND and SILT, little medium Sand, trace coarse sand, fine to medium gravel, and brick (FILL); moist.		4	0.0	
		Light brown to medium brown, medium to coarse SAND, some fine Sand, little fine to medium Gravel, Silt, and fine Cobble, trace brick (FILL); moist.			0.0	
SP		Medium brown, medium to coarse SAND, some fine Sand, little fine to medium Gravel, Silt, and fine Cobble; moist.			0.0	
SW		Medium brown, fine to medium SAND, little coarse Sand, trace silt and fine gravel; moist.		4.5	0.0	Soil vapor samples SV-4 and DUP_SV_12102020 collected from 12 to 12.5 ft bls for TO-15 VOCs.
		Medium brown, fine to medium SAND, some coarse Sand, trace silt and coarse gravel; moist.			0.0	4 ft of perched groundwater observed from 14 to 18 ft bls.
SW		Light brown to medium brown, fine to medium SAND, some coarse Sand, trace silt and fine gravel; wet.			0.0	
SM		Light brown, fine SAND and SILT, some medium Sand and fine Gravel; wet.		4	0.0	
CH		Medium grey, CLAY, little Silt; moist.			0.0	
SP-SC		Light brown to medium grey, fine SAND and SILT, some medium Sand, fine Gravel, and Clay; moist.			0.0	
CH		Medium grey, CLAY, little Silt; moist.			0.0	
				4.5	0.0	
SP-SC		Medium brown, fine SAND and SILT, some Clay; moist.			0.0	Soil grab sample SB-4_23-25 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
SWG		Light brown, fine to coarse SAND and fine to medium GRAVEL, little Silt; moist.				
				2		
SWG		Light brown, fine to coarse SAND and fine to medium GRAVEL, little Silt; wet.			0.0	Groundwater observed at 28 ft bls.
GP-GC		Medium grey, CLAY and fine GRAVEL; wet.			0.0	Groundwater grab samples TW-4 and DUP_GW_12092020 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and total/dissolved TAL Metals + Mercury.
SP		Medium brown, medium to coarse SAND, little fine Sand, trace fine gravel; wet.		1		
					0.0	

Bottom of borehole at 35 feet

SB-5/TW-5/SV-5

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Julia Michaels

Start to Finish Date: 1/27/2021 - 1/27/2021	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 40 feet	Backfill: #2 Morie Sand	Borehole Diameter: 2-inches	DTW: 27 feet
Area: Northwest of Existing Building #1 NM	Elevation: NM	Northing: NM	Easting: NM

Well Depth: 35 feet	Well Dia./Materials: 1-inch PVC	Screen Interval: 25-35 feet	Screen Slot Size: 10-Slot	Sand/Filter Pack Size: NA	Annular Seal: NA

Depth (ft)	Well Diagram	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	NA NA							
0		MIXD		Medium brown, fine to medium SAND, some coarse Gravel, little fine to medium Gravel and Brick (FILL); moist.		5	0.0 0.0	Precleared to 5 ft bls. Soil grab sample SB-5_0-2 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
5						2.5	0.0 0.0	
10		MIXD		Medium brown, fine to medium SAND, little fine Gravel (FILL); moist.		3	0.0 0.0 0.0	Soil vapor sample SV-5 collected from 11.5 to 12 ft bls for TO-15 VOCs.
15	GROUND WATER LEVEL 1/27/2021 (Perched from 13 to 20 ft bls)	MIXD SPG		Medium brown, fine to medium SAND, some medium to coarse Gravel (FILL); moist. Medium brown, fine to medium SAND, some medium to coarse Gravel, trace brick (FILL); wet. Medium brown, fine to medium SAND, some medium to coarse Gravel; wet.		4	0.0 0.0 0.0 0.0	7 ft of perched groundwater observed from 13 to 20 ft bls.
20	24 ft of PVC riser from 0 to 25 ft bls.	SP-SC SP-SC		Medium brown, fine SAND, some Clay, trace fine gravel; wet. Medium brown, fine SAND, some Clay, trace fine gravel; moist.		5	0.0 0.0 0.0 0.0	
25		SC		Medium brown, fine SAND and CLAY, little fine to medium Gravel; moist.		4	0.0 0.0 0.0 0.0	Soil grab sample SB-5_25-27 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury. Groundwater observed at 27 ft bls.
30	GROUND WATER LEVEL 1/27/2021 10 ft of 10-slot PVC screen from 25 to 35 ft bls.	SC		Medium brown, fine SAND and CLAY, little fine to medium Gravel; wet.		5	0.0 0.0 0.0 0.0	Groundwater grab sample TW-5 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and total/dissolved TAL Metals + Mercury.
35		SP		Medium brown, medium to coarse SAND, little fine Sand, trace clay; wet.		5	0.0 0.0 0.0 0.0	

Bottom of borehole at 40 feet

SB-6/SV-6

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002	
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer	
Start to Finish Date: 12/11/2020 - 12/11/2020	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 14 feet	Backfill: #2 Morie Sand	Borehole Diameter: 2-inches	DTW: NM feet
Area: Proposed Building #2	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	Groundwater & Product Levels	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
		ASPH		ASPHALT.				Precleared to 5 ft bls.
		MIXD		Medium grey to dark grey, fine to coarse SAND and medium to coarse GRAVEL, little fine Gravel (SUB-BASE MATERIAL); dry.			0.0	
		MIXD		Light brown to medium brown, fine to medium SAND, some Silt, little fine to medium Gravel and Asphalt (FILL); moist.			0.0	Soil grab sample SB-6_1-3 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
		MIXD		Medium brown to dark brown, fine SAND and SILT, some medium Sand, trace brick and fine gravel (FILL); moist.		5	0.0	
5							0.0	
							0.0	
				Medium brown, medium to coarse SAND, little fine Sand, trace coarse gravel; moist.		3.5	0.0	
		SP					0.0	
10							0.0	Soil vapor sample SV-6 collected from 11 to 11.5 ft bls for TO-15 VOCs.
		SM		Light brown, fine SAND and SILT, some medium Sand, little coarse Sand and fine Gravel; moist.		3	0.0	Soil grab sample SB-6_12-14 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
	▽ GROUND WATER LEVEL 12/11/2020 (Perched starting at 13 ft bls)	SM		Light brown, fine SAND and SILT, some medium Sand, little coarse Sand and fine Gravel; wet.			0.0	1 ft of perched groundwater observed starting at 13 ft bls.
				Bottom of borehole at 14 feet				

SB-7/SV-7

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Julia Michaels

Start to Finish Date: 1/28/2021 - 2/3/2021	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 20 feet	Backfill: #2 Morie Sand	Borehole Diameter: 2-inches	DTW: NM feet
Area: Southwest of Existing Building #1	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	Groundwater & Product Levels	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
		SPG		Medium brown, fine to medium SAND, little coarse Sand and fine to medium Gravel; moist.		5	0.0 0.0 0.0 0.0	Precleared to 5 ft bls. Soil grab sample SB-7_0-2 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
		SP-SC		Medium grey, fine SAND, some Clay, little medium Gravel; moist.				
5		SP-SC		Medium grey to medium brown, fine SAND, some Clay, little fine Gravel; moist.		5	0.0 0.0 0.0 0.0	
		SPG		Medium brown, fine to medium SAND, some fine to medium Gravel, little Clay; moist.				
10		SP		Reddish brown, fine to medium SAND; moist.		4.5	0.0 0.0 0.0 0.0	Soil vapor sample SV-7 collected from 11 to 11.5 ft bls for TO-15 VOCs.
	▽ GROUND WATER LEVEL 2/3/2021 (Perched starting at 13 ft bls)	SWG		Reddish brown, fine to coarse SAND, some fine to medium Gravel, trace clay; wet.				7 ft of perched groundwater observed starting at 13 ft bls.
		CL-CH		Reddish brown, CLAY and SILT; wet.				
15		SWG		Reddish brown, fine to coarse SAND, some fine to medium Gravel, trace clay; wet.		5	0.0 0.0 0.0 0.0	Soil grab sample SB-7_18-20 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
		CL-CH		Medium grey, CLAY, little fine Sand, trace silt; wet.				
				Bottom of borehole at 20 feet				

SB-8/SV-8

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Julia Michaels

Start to Finish Date: 1/27/2021 - 1/27/2021	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 15 feet	Backfill: #2 Morie Sand	Borehole Diameter: 2-inches	DTW: NM feet
Area: West of Existing Building #1	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Medium brown, fine to medium SAND, some coarse Sand, little fine to medium Gravel and Brick (FILL); moist.		5	0.0 0.0 0.0 0.0	Precleared to 5 ft bls. Soil grab sample SB-8_0-2 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
5	MIXD		Light brown, fine to medium SAND, little fine Gravel, trace medium gravel (FILL); moist.		4		
10	MIXD		Medium brown, fine to medium SAND, some fine to coarse Gravel and Brick (FILL); moist.		3		Soil vapor sample SV-8 collected from 12 to 12.5 ft bls for TO-15 VOCs. Soil grab sample SB-8_12-14 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.

Bottom of borehole at 15 feet

SB-9/SV-9

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Julia Michaels

Start to Finish Date: 1/27/2021 - 1/28/2021	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 20 feet	Backfill: #2 Morie Sand	Borehole Diameter: 2-inches	DTW: NM feet
Area: Courtyard of Existing Building #1	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD	Dark brown, fine SAND, some medium to coarse Sand and fine to medium Gravel (FILL); moist.				Precleared to 5 ft bls.
	MIXD	Light brown, fine to medium SAND, some coarse Sand, little fine to medium Gravel and Brick (FILL); moist.		5		Soil grab sample SB-9_0-2 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
5	MIXD	Medium brown, fine SAND, some Clay and medium Sand, little fine Gravel (FILL); moist.			0.0	
	MIXD	Medium brown, fine to medium SAND, some coarse Sand and fine Gravel, little Brick (FILL); moist.		4	0.0 0.0 0.0	
10	MIXD	Medium brown, fine SAND, some Clay and medium Sand, little fine Gravel (FILL); moist.			0.0	
	MIXD	Medium brown, fine to medium SAND, some coarse Sand and fine Gravel, little Brick (FILL); moist.		4.5	0.0 0.0 0.0	
15	SWG	Medium brown, fine to medium SAND, some coarse Sand and fine gravel; moist.		5	0.0 0.0 0.0 0.0	Soil grab sample SB-9_18-20 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury. Soil vapor sample SV-9 collected from 18 to 18.5 ft bls for TO-15 VOCs.
		Bottom of borehole at 20 feet				

SS-1

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer

Start to Finish Date: 12/11/2020 - 12/11/2020	Contractor: Trinity Environmental Corp.	Drill Type: Hand Auger	Sampler Type/Method: 3" Hand Auger
Borehole Depth: 3 feet	Backfill: Soil Cuttings	Borehole Diameter: 3-inches	DTW: NM feet
Area: South Proposed Open Space	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	ASPH		ASPHALT.				Precleared to 3 ft bls.
	MIXD		Medium grey to dark grey, medium to coarse GRAVEL and medium to coarse SAND, some fine Gravel and fine Sand, little Brick, trace silt (SUB-BASE MATERIAL); dry.			0.0	
1							
			Medium brown, SILT and fine SAND, some medium Sand, trace coarse sand, fine gravel, and brick (FILL); moist.		3	0.0	Soil grab sample SS-1_1-3 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
2	MIXD					0.0	

Bottom of borehole at 3 feet

SS-2

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer

Start to Finish Date: 12/11/2020 - 12/11/2020	Contractor: Trinity Environmental Corp.	Drill Type: Hand Auger	Sampler Type/Method: 3" Hand Auger
Borehole Depth: 3 feet	Backfill: Soil Cuttings	Borehole Diameter: 3-inches	DTW: NM feet
Area: South Proposed Open Space	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	ASPH		ASPHALT.				Precleared to 3 ft bls.
	MIXD		Medium grey to dark grey, fine to coarse GRAVEL and fine to coarse SAND, some Brick, little Asphalt, trace silt (SUB-BASE MATERIAL); dry.			0.0	
1							
	MIXD		Medium brown to dark brown, fine to medium SAND and SILT, some coarse Sand, little fine to coarse Gravel, trace brick (FILL); moist.		3	0.0	Soil grab sample SS-2_1-3 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
2						0.0	

Bottom of borehole at 3 feet

SS-3

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer

Start to Finish Date: 12/7/2020 - 12/7/2020	Contractor: Trinity Environmental Corp.	Drill Type: Hand Auger	Sampler Type/Method: 3" Hand Auger
Borehole Depth: 3 feet	Backfill: Soil Cuttings	Borehole Diameter: 3-inches	DTW: 3 feet
Area: 3-Story Building Basement	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	Groundwater & Product Levels	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
		CONC		CONCRETE.			2.9	Precleared to 3 ft bls.
1		SWG		Medium brown to dark brown, fine to medium SAND, some coarse Sand and Silt, little fine Gravel; moist.		3	1.8	Soil grab sample SS-3_1-3 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
2		SP-SM		Medium brown, fine to medium SAND, some Silt, little coarse Sand, trace coarse gravel; moist.			6.2	
3	▽ GROUND WATER LEVEL 12/7/2020			Bottom of borehole at 3 feet				Potentially perched groundwater observed at 3 ft bls.

SS-4

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer

Start to Finish Date: 12/7/2020 - 12/7/2020	Contractor: Trinity Environmental Corp.	Drill Type: Hand Auger	Sampler Type/Method: 3" Hand Auger
Borehole Depth: 3 feet	Backfill: Soil Cuttings	Borehole Diameter: 3-inches	DTW: 3 feet
Area: 3-Story Building Basement	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	Groundwater & Product Levels	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
		CONC		CONCRETE.			15.0	Precleared to 3 ft bls.
1		SWG		Medium brown to dark brown, fine to medium SAND, some coarse Sand and fine Gravel, little medium Gravel and Silt; moist, strong petroleum odor and moderate petroleum staining observed.		3	751.8	Soil grab samples SS-4_1-3 and DUP_SO_12072020 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
2							708.2	
3	▽ GROUND WATER LEVEL 12/7/2020			Bottom of borehole at 3 feet				Potentially perched groundwater observed at 3 ft bls.

SS-5

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer

Start to Finish Date: 12/7/2020 - 12/7/2020	Contractor: Trinity Environmental Corp.	Drill Type: Hand Auger	Sampler Type/Method: 3" Hand Auger
Borehole Depth: 2.5 feet	Backfill: Soil Cuttings	Borehole Diameter: 3-inches	DTW: 2.5 feet
Area: 3-Story Building Basement	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	Groundwater & Product Levels	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
		CONC		CONCRETE.				Precleared to 2.5 ft bls.
		MIXD		Dark brown, medium to coarse SAND, little fine Gravel, trace brick, concrete, and slag (FILL); dry.				
		CONC		CONCRETE.				
		MIXD		Medium brown to dark brown, medium to coarse SAND, little fine Gravel and fine Sand, trace brick and slag (FILL); moist, slight petroleum odor observed.			0.4	Soil grab sample SS-5_0.5-2.5 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
1								
						2.5	7.2	
		SM		Medium brown, fine to medium SAND and SILT, little coarse Sand; moist.				
2							0.3	Potentially perched groundwater observed at 2.5 ft bls.
	▽ GROUND WATER LEVEL 12/7/2020			Bottom of borehole at 2.5 feet				

ROUX STANDARD LOG - 3/9/21 16:49 - S:\GINT\PROJECTS\2611.0003Y002_PHASE II_PR.GPJ

SS-6

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer

Start to Finish Date: 12/7/2020 - 12/7/2020	Contractor: Trinity Environmental Corp.	Drill Type: Hand Auger	Sampler Type/Method: 3" Hand Auger
Borehole Depth: 2.5 feet	Backfill: Soil Cuttings	Borehole Diameter: 3-inches	DTW: NM feet
Area: 3-Story Building Basement	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	Visual Description	Recovery (ft)	PID	Notes
	CONC	CONCRETE.			Precleared to 2.5 ft bls.
	MIXD	Dark brown, medium to coarse SAND, little fine Gravel and Silt, trace concrete and slag (FILL); dry.			
	CONC	CONCRETE.			
1	MIXD	Medium brown to dark brown, fine to medium SAND and SILT, some coarse Sand and fine Gravel, little Concrete (FILL); moist.	2.5	2.2 1.3	Soil grab sample SS-6_0.5-2.5 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
2	SM	Medium brown, fine to medium SAND and SILT, little coarse Sand, trace fine gravel; moist.		7.4	

Bottom of borehole at 2.5 feet

SS-7

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer

Start to Finish Date: 12/7/2020 - 12/7/2020	Contractor: Trinity Environmental Corp.	Drill Type: Hand Auger	Sampler Type/Method: 3" Hand Auger
Borehole Depth: 2.5 feet	Backfill: Soil Cuttings	Borehole Diameter: 3-inches	DTW: NM feet
Area: 3-Story Building Basement	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	CONC		CONCRETE.				Precleared to 2.5 ft bls.
1	MIXD		Light brown to medium brown, fine to coarse SAND, some Silt, little fine Gravel and Brick, trace medium to coarse gravel and concrete (FILL); moist.		2.5	3.5	Soil grab sample SS-7_0.5-2.5 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
2							

Bottom of borehole at 2.5 feet

SS-8

Client:	Site:	Project Number:
Maspeth Manager, LLC	Greenpoint Hospital	2611.0003Y002
Address:	**City/State:**	**Logged By:**
288 Jackson Street	Brooklyn, New York	Patrick Rubenbauer

Start to Finish Date:	Contractor:	Drill Type:	Sampler Type/Method:
12/7/2020 - 12/7/2020	Trinity Environmental Corp.	Hand Auger	3" Hand Auger
Borehole Depth:	**Backfill:**	**Borehole Diameter:**	**DTW:**
3 feet	Soil Cuttings	3-inches	NM feet
Area:	**Elevation:**	**Northing:**	**Easting:**
3-Story Building Basement	NM	NM	NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	CONC		CONCRETE.			0.4	Precleared to 3 ft bls.
1	SWG		Medium brown, fine to medium SAND, some Silt, coarse Sand, and fine to medium Gravel, little coarse Gravel; moist.		3	0.3	Soil grab sample SS-8_1-3 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
2						0.2	

Bottom of borehole at 3 feet

SS-9

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002	
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer	
Start to Finish Date: 12/9/2020 - 12/9/2020	Contractor: Trinity Environmental Corp.	Drill Type: Hand Auger	Sampler Type/Method: 3" Hand Auger
Borehole Depth: 3 feet	Backfill: Soil Cuttings	Borehole Diameter: 3-inches	DTW: NM feet
Area: Northeast Proposed Open Space	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	ASPH		ASPHALT.				Precleared to 3 ft bls.
	MIXD		Dark brown to dark grey, fine to coarse GRAVEL and fine to coarse SAND, little Silt, trace concrete and asphalt (SUB-BASE MATERIAL); dry.			0.0	
1	MIXD		Light brown to medium brown, fine to medium SAND, some coarse Sand and Silt, little fine to medium Gravel and Brick, trace coarse gravel and concrete (FILL); moist.		3	0.0	Soil grab sample SS-9_1-3 collected for TCL VOCs, TCL SVOCs, Pesticides, PCBs, and TAL Metals + Mercury.
2	MLS		Light brown to medium brown, SILT and fine SAND, little medium Sand, trace coarse sand and fine gravel; moist.			0.0	
			Bottom of borehole at 3 feet				

SV-11

Client: Maspeth Manager, LLC	Site: Greenpoint Hospital	Project Number: 2611.0003Y002	
Address: 288 Jackson Street	City/State: Brooklyn, New York	Logged By: Patrick Rubenbauer	
Start to Finish Date: 12/11/2020 - 12/11/2020	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 15 feet	Backfill: #2 Morie Sand	Borehole Diameter: 2-inches	DTW: NM feet
Area: South of Existing Building #3	Elevation: NM	Northing: NM	Easting: NM

Depth (ft)	USCS	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	CONC	CONCRETE.			0.0	Precleared to 5 ft bls.
	MIXD	Medium brown to dark brown, medium to coarse SAND, some medium to coarse Gravel, little fine Sand and fine Gravel, trace silt (SUB-BASE MATERIAL); dry.			0.0	
		Medium brown, SILT and fine SAND, trace medium sand and fine gravel; moist.		5	0.0	
	MLS				0.0	
5					0.0	
		Medium brown, medium SAND, some fine to coarse Sand, trace silt and coarse gravel; moist.		2.5	0.4	
	SW				0.0	
10					0.1	
		Light brown to medium brown, fine to medium SAND and SILT, some coarse Sand, little fine to coarse Gravel; moist.		4.5		Soil vapor sample SV-11 collected from 12 to 12.5 ft bls for TO-15 VOCs.
	SM					
		Bottom of borehole at 15 feet				

APPENDIX C

Laboratory Analytical Reports