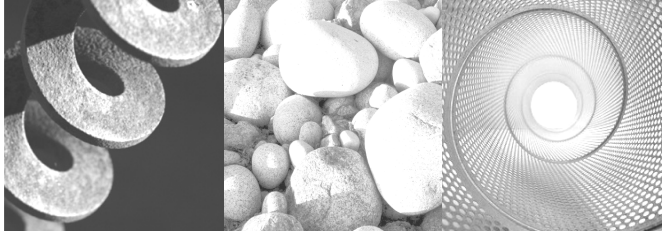

GEI Consultants

Consulting
Engineers and
Scientists

Supplemental Investigation Results Report

1099 Webster Ave. Brownfield Development Site
1099-1135 Webster Avenue, Bronx, New York

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1. Introduction

GEI Consultants Inc., P.C. (GEI) was retained by Mega Development LLC (Mega), on behalf of Webster 1099 Realty LLC, to prepare a Brownfield Cleanup Program (BCP) Application. As part of this effort, a Supplemental Investigation was completed by GEI to supplement limited existing environmental data previously generated at the property located at 1099 Webster Avenue in the Bronx, New York (the Site). The Site location is shown on Figure 1, while a sample location figure is provided as Figure 2.

Previously, Phase I and II Environmental Site Assessments (ESAs) were performed by others in January and July 2018, respectively. Findings and results from these investigations are referenced herein, as necessary. The recognized environmental conditions (RECs) outlined in the Phase I ESA were investigated as part of the Phase II ESA.

This Supplemental Investigation was performed in accordance with an Agreement between Mega and GEI, dated September 13, 2022, and executed on October 3, 2022. This investigation was completed to establish baseline conditions prior to the planned redevelopment of the Site with an 11-story residential building and to further investigate contaminant concentrations and field conditions identified during the Phase II ESA. It should be noted that large portions of all Site areas were not able to be accessed due to equipment clutter and active work occurring at the various businesses currently operating at the property.

It should also be noted that a geotechnical soil boring investigation was completed by GEI at the Site concurrently with this investigation, which will be reported under separate cover.

1.1 Site Description

The property is a rectangular shaped 36,840 square-foot lot. The Site building was constructed in the early 1920s and currently still exists at the Site. The building initially covered the entire property until the southern one-third of the building was destroyed by fire and was demolished in the late 1990s.

The property is currently utilized for commercial purposes. The northern two-thirds of the property contain a 1-story masonry and wood frame garage building, occupied by an auto garage/machine shop, an auto dealer/auto mechanic/transmission rebuilding facility, an auto mechanic/muffler, and transmission repair shop. Two small partial basement areas were identified below the building, and the remaining portions of the building are slab-on-grade. The southern third of the lot contains a paved (concrete) parking lot, including a small wood-frame parking attendant kiosk.

1.2 Site History

Based on review of the January 2018 Phase I ESA, the identified uses at the property since the early 1920s include auto repair garages, automotive machine shops, auto body repair shops, Sheffield Farms Dairy (garage, storage, and fleet repair shop), a retail auto parts store, restaurants, and retail stores. In addition, the property was briefly owned by "dyeing and finishing" companies.

As referenced above, the Site building initially covered the entire property until the southern one-third of the building was destroyed by fire and was demolished in the late 1990s.

1.3 Summary of Available Previous Investigations

Phase I Environmental Site Assessment

A Phase I ESA was prepared by Environmental Studies Corporation (ESC) in January 2018, and the following RECs were identified:

- The possible presence of 10 or more petroleum underground storage tanks (USTs) that have not been closed or removed in accordance with New York City Fire Department and New York State Department of Environmental Conservation (NYSDEC) requirements.
- The potential for Site contamination from past spills, leaks, or discharges of hazardous substances and/or petroleum products from leaking USTs and automotive machine repair and auto body operations.
- The potential for a vapor encroachment condition from past on-site auto-related operations, USTs, and potential off-site sources of contamination in the immediate vicinity of the property.
- The potential for groundwater contamination in the immediate vicinity of the Site from off-site sources such as USTs, industrial and manufacturing operations, auto repair operations and others.

Phase II Environmental Site Assessment

A Phase II ESA was prepared by ESC in July 2018, and the following conclusions were provided:

Several rooftop vents and surface fill port remnants were found in the central and northern portions of the building, and surface remote fill port remnants were identified in the concrete pavement of the south parking lot area. A geophysical survey was completed in these areas, with results indicating evidence of underground anomalies indicative of up to 10 USTs. It is

likely these USTs stored gasoline, diesel, and fuel oil. No information regarding whether these USTs were properly abandoned was identified.

The results of the Phase II ESA indicated that urban fill was present at the Site, which exhibited polycyclic aromatic hydrocarbons (PAHs) and metals (arsenic, copper, lead, mercury, and zinc) at elevated concentrations typical of urban fill existing in the New York Metropolitan area. In addition, and based on observations noted in the field, nuisance characteristic (odors, visual observation, and elevated photoionization detector [PID] readings) indicative of potentially remnant highly-weathered and deteriorated petroleum or chemical impacts were identified in 8 of the 13 soil sample locations. However, soil analytical results in these areas did not indicate significant petroleum contamination above NYSDEC Part 375 Unrestricted Soil Cleanup Objectives (SCOs). Arsenic was also identified at a concentration exceeding its Residential SCO.

Similarly, several PAHs, metals (arsenic, barium, chromium, copper, lead, magnesium, manganese, nickel, selenium, and sodium), pesticides (chlordane), and polychlorinated biphenyls (PCBs) (Aroclor 1260) were identified at concentrations above the NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA Groundwater.

Results of the soil vapor investigation identified several volatile organic compounds (VOCs) (petroleum-related, chlorinated and other solvents, and fluorinated compounds) in soil vapor exceeding New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion, October 2006 (updated May 2017).

2. Scope of Work

GEI conducted several Site reconnaissance inspections and the supplemental investigation field work in November and December 2022. This section provides a description of the activities performed and the methods employed to complete the field work. Photographs collected during the investigation are presented in Appendix A.

For discussion purposes, and as depicted on Figure 2, the Site has been divided into five areas: the Large Auto Mechanic, Small Auto Mechanic, Interior Parking Area, Machine Shop, and Exterior Parking Area, from north to south, respectively. Also included on Figure 2 are all test pit, soil boring, monitoring well, and soil vapor sample locations. It should be noted that large portions of all Site areas were not able to be accessed due to equipment clutter and active work occurring at the various businesses currently operating at the property.

2.1 Geophysical Investigation

On November 21 and 22, 2022, a geophysical and magnetometer survey was performed by East Coast Geophysics, Inc. of Bensalem, Pennsylvania to identify and further assess the locations of the 10 previously identified UST anomalies, as well as underground features and subsurface utilities present in the proposed test pit/boring locations. The survey area included all open and accessible areas of the property, as shown on Figure 2.

The geophysical and magnetometer survey was completed with a Geophysical Survey Systems Inc. SIR-3000 cart-mounted Ground Penetrating Radar (GPR) unit with a 400 Mhz antenna, a Radio detection RD7000 precision utility locator, and a Fisher M-Scope TW-6 pipe and cable locator using inductive mode tracing.

2.2 Test Pits

A total of two test pits were excavated in accessible areas by Mega using a small excavator in order to expose and assess the several anomalies previously identified to be USTs at the Site. Prior to excavation, the concrete flooring/foundation was demolished using a small jack hammer.

One small test pit was excavated in the Exterior Parking Area in the southern portion of the Site and a larger test pit was excavated within the Interior Parking Area located in the central portion of the Site building. As described in Section 3.3, at least one leaking UST, strong odors, and elevated PID readings were observed within the larger test pit in the Interior Parking Area, where a total of two soil samples were collected for laboratory analysis.

Soil sample analytical parameters are discussed below in Section 2.6, and analytical results are provided in Table 1.

2.3 Soil Boring Installation and Sampling

A total of 10 soil borings (SB-1 through SB-10) were installed in accessible areas throughout the Site by Coastal Environmental Solutions, Inc. (Coastal) of Medford, New York, utilizing using a direct-push drill rig.

Soil boring locations were selected based on review of the Phase II ESA, results from the GPR survey, and field observations. At least one soil boring was installed within each of the five Site areas described above. In general, the soil borings were located in the vicinity of previously identified UST anomalies, a key floor drain located within the Large Auto Mechanic area and were generally limited to accessible areas throughout the Site.

Soil borings were completed to depths ranging from 5 to 20 feet below ground surface (bgs) and a total of 19 soil samples were collected for laboratory analysis from the 10 soil borings. Soil samples were logged by a GEI geologist who recorded geologic data, observations regarding moisture content, the results of PID soil headspace readings, and visual and olfactory observations (presence of a sheen, discoloration, or odors) which may be indicative of hydrocarbons or other contaminant residuals. Soil boring logs are provided in Appendix B.

Soil sample analytical parameters are discussed below in Section 2.6, and analytical results are provided in Table 1.

2.4 Groundwater Monitoring Well Installation, Development, and Sampling

Four monitoring wells (MW-1 through MW-4) were installed in accessible locations and were generally biased towards the previously identified UST anomalies and a key floor drain located within the Large Auto Mechanic area.

The monitoring wells (all 2-inch in diameter) were installed as follows:

- MW-01 and MW-02 (screened from 5 to 15 feet bgs) were installed immediately adjacent to the USTs identified in the Interior Parking Area.
- MW-03 (screened from 8 to 13 feet bgs) was installed within the Small Auto Mechanic basement, in close proximity to an aboveground storage tank (AST) located within the basement and the nearby USTs identified in the Interior Parking Area.

- MW-04 (screened from 5 to 15 feet bgs) was installed within the Large Auto Mechanic area, in close proximity to a center floor drain noted to contain petroleum and solvent-like odoriferous liquids.

To increase the representativeness of our groundwater samples, the four wells were developed with a whale pump to remove fines from the water column (to 50 nephelometric turbidity units [NTUs] or less) prior to sampling. Development purge wastewater was contained in a 55-gallon drum for later off-site transportation and disposal. Approximately 1-week following development, groundwater samples were collected using a peristaltic pump and dedicated tubing following stabilization of field readings utilizing proper low-flow groundwater well purging and sampling procedures.

In addition, two geotechnical soil borings located within the sidewalk along the eastern side of the building were completed as 2-inch monitoring wells as part of the geotechnical soil boring investigation. The wells were installed to total depths of approximately 17.5 feet bgs (screened from approximately 7 to 17 feet bgs) and 19.5 feet bgs (screened from approximately 9 to 19 feet bgs). It should be noted that these wells were not developed or sampled, as they are planned to be sampled in the future as part of a separate field effort.

Groundwater sample analytical parameters are discussed below in Section 2.6, and analytical results are provided in Table 2.

2.5 Soil Vapor Sampling

Five soil vapor probes (SV-1 through SV-5) were installed in accessible locations, biased towards the previously identified UST anomalies and a key floor drain located within the Large Auto Mechanic area. At least one soil vapor probe was installed within each of the five Site areas described above. Methodologies used for soil vapor installation and sampling conform to the NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006 (updated May 2017).

Soil vapor probes were installed to a depth of approximately 9 feet bgs to generally coincide with the anticipated depth of the planned new building cellar depth, and were constructed of new, dedicated polyethylene tubing. The space around the tubing was sealed with inert clay. In accordance with NYSDOH protocols and to serve as a quality assurance/quality control (QA/QC) measure, the seal integrity was tested by enriching the airspace around the sample point with a tracer gas (i.e., helium) and a hand-held helium detector was used to assess seal integrity. Once the seal was confirmed to be intact, the sample was collected. Following sample collection, the tubing was removed and discarded, and the floor was patched with concrete.

Samples were collected in laboratory-certified 6-liter summa canisters. Flow rate for both purging and sampling did not exceed 0.2 L/min. One to three tubing volumes were purged

prior sample collection. Sampling occurred for a two-hour duration. Soil vapor sample analytical results are provided in Table 3.

2.6 Laboratory Analysis

Upon collection, soil and groundwater samples were placed into an iced cooler and soil vapor samples were properly packaged and transported under standard Chain-of-Custody procedures to Eurofins Environmental Testing, a NYSDOH Environmental Laboratory Accreditation Program (ELAP) certified laboratory.

In addition, two soil samples collected from the large test pit within the Interior Parking Area were transported to York Analytical Laboratories, Inc., (York) for expedited analysis of VOCs and total petroleum hydrocarbons (TPHs) via gasoline range organics (GRO) only.

With the exception of the expedited soil samples described above, soil and groundwater samples were generally analyzed for the following parameters:

- VOCs using United States Environmental Protection Agency (USEPA) Method 8260D.
- Semi-volatile organic compounds (SVOCs) using USEPA Method 8270E.
- Pesticides using USEPA Method 8081B.
- PCBs using USEPA Method 8082A.
- Target Analyte List (TAL) metals using USEPA Methods 6020B, 7471B, 7196A, and 9012B.
- TPHs via GRO Method 8015D (soil samples only).

Soil vapor samples were analyzed for VOCs using USEPA Method TO-15.

Laboratory analytical reports are provided as Appendix C.

2.7 Health and Safety Plan

GEI uses a site-specific health and safety plan (HASP) for all investigative work, which assigns responsibilities, establishes personal protection standards, recommends operating procedures, and provides for contingencies that may arise during performance of field work at the Site. The protocols in the HASP apply to all personnel, including GEI, all outside subcontractors, the client, and regulatory agencies who may be present during the performance of field work.

In addition, the following safety equipment is made available for responding to potential emergency situations: portable eyewash, ABC fire extinguisher, and first aid kit. Telephone

numbers of emergency response units in the area are also included. All personnel working at the Site are also required to receive training in respirator fitting, emergency procedures, equipment decontamination, and task-specific procedures, as appropriate. All personnel involved with the collection of soil, groundwater, and soil vapor samples have successfully completed the 40-hour Occupational Safety and Health Administration (OSHA) Hazardous Materials Training Program.

3. Findings

The below narrative presents the findings of the Supplemental Investigation completed at the Site. Locations of the test pits, soil borings, monitoring wells, and soil vapor probes are provided on Figure 2. It should be noted that large portions of all Site areas were not able to be accessed due to equipment clutter and active work occurring at the various businesses currently operating at the property.

Soil, groundwater, and soil vapor sample analytical results are provided in Tables 1 through 3, respectively. In addition, summary of exceedance figures for soil, groundwater, and soil vapor are provided as Figures 3 through 5 (which also include exceedances observed during the 2018 Phase II investigation), respectively.

3.1 Lithology and Hydrogeology

As shown on the soil boring logs provided in Appendix B, urban fill was noted in several soil borings to depths of up to approximately 3 feet bgs (soil boring SB-6, collected in the central area of the Site), and recycled concrete aggregate (RCA) was also noted in the upper 1-foot of material underlying the building concrete flooring/foundation (approximately 6 inches) at soil boring SB-6 and SB-7, collected in the central area of the Site.

Urban fill is underlain predominantly by fine-to-medium sand and silt with varying amounts of fine gravel, observed to a depth of 8 to 15 feet bgs. Soil recovered at soil boring SB-10 completed adjacent to a floor drain within the Large Auto Mechanic area exhibited medium brown-to-blackish staining, moderate hydrocarbon-like odors, and PID readings of up to 40.6 parts per million (ppm); and soil recovered adjacent to the USTs in the large test pit completed within the Interior Parking Area exhibited light-to-medium brown staining, strong hydrocarbon-like odors, and PID readings of up to 156 ppm.

Groundwater was identified at approximately 10.5 to 12 bgs throughout the Site; however, groundwater flow gradients have not been established, as the wells have not yet been surveyed.

3.2 Geophysical Investigation and Survey

The geophysical survey completed in the accessible areas of the Site indicated below grade anomalies in the Interior Parking Area, where five UST anomalies were previously identified in 2018. However, due to access restrictions, the other five previously identified UST anomalies were not able to be confirmed. A small anomaly was observed in the southern portion of the Exterior Parking Area of the Site, where a small test pit was excavated, as described below.

3.3 Test Pits

Based on the small anomaly identified in the Exterior Parking Area of the Site, a small test pit was excavated in this area; however, no UST or other below grade feature was identified to a depth of approximately 5 feet bgs and, therefore, no soil samples were collected in this location.

The larger test pit was excavated within the Interior Parking Area located in the central portion of the Site building. At least one UST (concrete encased and likely part of a five-UST tank farm) and associated piping were identified in this location. The piping was noted to be pitted and in poor condition. Portions of the piping appeared to be part of a former dispensing structure. Stained soil and evidence of historical and current leaks (likely petroleum, based on odors) were noted adjacent to the UST and below the piping. As identified above, soil recovered from the large test pit exhibited soil staining, strong hydrocarbon-like odors, and PID readings of up to 156 ppm. As such, the NYSDEC was notified, and a spill was subsequently assigned to the Site (NYSDEC Spill No. 2207384).

A total of two soil samples were collected for laboratory analysis from the large test pit: one soil sample (UST-TP-1) was collected in association with the UST piping; and one soil sample (UST-TP-2) was collected adjacent to the UST. Soil sample analytical results are discussed below.

3.4 Soil Analytical Results

Soil sample analytical results were compared to the NYSDEC Part 375 SCOs. Soil sample analytical results are summarized in Table 1 and a summary of exceedances is provided on Figure 3 (which also includes historical exceedances observed during the 2018 Phase II ESA). A summary of our findings is presented below:

VOCs

The majority and greatest concentration of VOCs were detected soil sample SB-10 (0 to 2 feet), collected adjacent to the central floor drain located in the Large Auto Mechanic area in the northern portion of the Site, as follows:

- Tetrachloroethene, at a concentration of 18 milligrams per kilogram (mg/kg), was detected in exceedance of its Residential SCO of 5.5 mg/kg.
- In addition, SB-10 (0 to 2 feet) also exhibited the following petroleum-related and chlorinated VOCs in exceedance of their respective Unrestricted SCOs:
    - 1,2-Dichlorobenzene, at a concentration of 3.4 mg/kg.
    - cis-1,2-Dichloroethene, at a concentration of 1.0 mg/kg.

- Ethylbenzene, at a concentration of 1.7 mg/kg.
- Toluene, at a concentration of 2.7 mg/kg.
- Trichloroethene, at a concentration of 1.1 mg/kg.

Acetone, at a concentration of 0.14 mg/kg, was also detected in exceedance of its Unrestricted SCO in soil sample SB-2 (8 to 10 feet), collected in the Large Auto Mechanic area in the northern portion of the Site.

Additionally, during the 2018 Phase II ESA (Figure 3), acetone, ranging in concentration from 0.072 mg/kg to 0.26 mg/kg, was detected in exceedance of its Unrestricted SCO in three historical soil samples, with the greatest concentration detected in historical soil sample B-13 (12 to 14 feet), collected in the southeastern corner of the Site.

SVOCs (including 1,4-Dioxane)

PAHs, a subset of SVOCs were detected at concentrations exceeding the Residential and Industrial SCOs at two soil boring locations: SB-7, located in the Large Auto Mechanic area in the northern portion of the Site; and SB-9, located in the Small Auto Mechanic area in northern portion of the Site.

The majority and greatest concentrations of exceedances were detected at soil sample SB-9 (8 to 9 feet), located in the Small Auto Mechanic area in northern portion of the Site, as follows:

- Benzo[a]anthracene, at a concentration of 2.6 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg.
- Benzo[a]pyrene, at a concentration of 2.3 mg/kg, was detected in exceedance of its Industrial SCO of 1.1 mg/kg.
- Benzo[b]fluoranthene, at a concentration of 3.0 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg.
- Benzo[k]fluoranthene, at a concentration of 1.2 mg/kg, was detected in exceedance of its Residential SCO of 1 mg/kg.
- Chrysene, at a concentration of 2.1 mg/kg, was detected in exceedance of its Residential SCO of 1 mg/kg.
- Dibenz(a,h)anthracene, at a concentration of 0.43 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.33 mg/kg.
- Indeno[1,2,3-cd]pyrene, at a concentration of 1.6 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.5 mg/kg.

Additionally, during the 2018 Phase II ESA (Figure 3), these same PAHs were detected in exceedance of their respective Residential, Commercial, and Industrial SCOs in historical soil sample B-9 (0 to 2 feet), located in the western portion of the Exterior Parking Area, as follows:

- Benzo[a]anthracene, at a concentration of 7.79 mg/kg, was detected in exceedance of its Commercial SCO of 5.6 mg/kg.
- Benzo[a]pyrene, at a concentration of 6.63 mg/kg, was detected in exceedance of its Industrial SCO of 1.1 mg/kg.
- Benzo[b]fluoranthene, at a concentration of 6.63 mg/kg, was detected in exceedance of its Commercial SCO of 5.6 mg/kg.
- Benzo[k]fluoranthene, at a concentration of 5.62 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg.
- Chrysene, at a concentration of 6.72 mg/kg, was detected in exceedance of its Restricted Residential SCO of 1 mg/kg.
- Dibenz(a,h)anthracene, at a concentration of 1.56 mg/kg, was detected in exceedance of its Industrial SCO of 1.1 mg/kg.
- Indeno[1,2,3-cd]pyrene, at a concentration of 4.17 mg/kg, was detected in exceedance of its Restricted Residential SCO of 0.5 mg/kg.

Pesticides

4,4'-DDE, at a concentration of 0.0037 mg/kg, was detected in exceedance of its Unrestricted SCO of 0.0033 mg/kg in soil sample SB-5 (0 to 2 feet), collected in the Interior Parking Area.

Additionally, during the 2018 Phase II ESA (Figure 3), 4,4'-DDT was detected at a concentration of 0.00613 mg/kg, in exceedance of its Unrestricted SCO in historical soil sample B-6 (0 to 2 feet), collected in the Machine Shop area.

PCBs

PCBs were not detected in any current or historical soil sample.

Metals

Nickel, at a concentration of 32.2 mg/kg, was detected in exceedance of its Unrestricted SCO of 30 mg/kg in soil sample SB-2 (8 to 10 feet), collected in the Exterior Parking Area.

Zinc was detected in exceedance of its Unrestricted SCO of 109 mg/kg at three soil sample locations, collected in the Large Auto Mechanic area and Interior Parking Area. The greatest

zinc concentration (347 mg/kg) was detected in soil sample UST-TP-1, collected in association with the UST piping identified in the large test pit within the Interior Parking Area.

Additionally, during the 2018 Phase II ESA (Figure 3), arsenic, copper, lead, mercury, and zinc were detected in exceedance of the Unrestricted SCOs, primarily in the western and southern portions of the Site. Arsenic (68 mg/kg and 113 mg/kg) was also detected in exceedance of its Industrial SCO of 16 mg/kg in historical soil samples B-7 (0 to 2 feet) and B-8 (0 to 2 feet), respectively, collected in the Machine Shop area within the central portion of the Site.

GRO

GRO were identified at a concentration of 5.8 mg/kg at soil sample UST-TP-2, collected in association with the stained and odoriferous soil noted adjacent to the UST identified in the large test pit excavated within the Interior Parking Area. It should be noted that NYSDEC has not established a soil cleanup objective for GRO.

3.5 Groundwater Analytical Results

Analytical results for the groundwater samples were compared to NYSDEC TOGS AWQS. Groundwater sample analytical results are summarized in Table 2 and a summary of exceedances is provided on Figure 4 (which also includes historical exceedances observed during the 2018 Phase II ESA). A summary of our findings is presented below:

VOCs

VOCs were either not detected or detected below applicable standards.

SVOCs (including 1,4-Dioxane)

SVOCs, including 1,4-dioxane, were not detected in any groundwater sample during the current investigation.

Several PAHs were detected during the 2018 Phase II ESA (Figure 4) in exceedance of their respective AWQS of 0.002 µg/L in historical groundwater sample GW-2, located in the central portion of the Interior Parking Area, as follows:

- Benzo[a]anthracene was detected at a concentration of 0.295 µg/L.
- Benzo[a]pyrene was detected at a concentration of 0.411 µg/L.
- Benzo[b]fluoranthene was detected at a concentration of 60.295 µg/L.
- Benzo[k]fluoranthene was detected at a concentration of 0.337 µg/L.

Pesticides

Pesticides were not detected in any current groundwater sample during the current investigation.

Total chlordane was detected at a concentration of 0.0682 µg/L in exceedance of its AWQS of 0.05 µg/L in historical groundwater sample GW-1. GW-1 was collected in the Large Auto Mechanic area during the 2018 Phase II ESA (Figure 4).

PCBs

PCBs were not detected in any current groundwater sample.

During the 2018 Phase II ESA (Figure 4), total PCBs were detected in exceedance of its AWQS of 1.0 µg/L in all four historical groundwater samples collected throughout the Site. Total PCB exceedances ranged from 3.74 µg/L to 7.76 µg/L, with the greatest concentration detected in historical groundwater sample GW-2, collected in the Interior Parking Area.

Metals

Total arsenic, beryllium, chromium, copper, iron, lead, magnesium, manganese, nickel, sodium, and thallium were detected in exceedance of the AWQS in one or more of all groundwater samples. The majority and greater concentrations of total metals were detected in monitoring well MW-4, located adjacent to the floor drain in the Large Auto Mechanic area. In addition, dissolved manganese and sodium were detected at concentrations exceeding their respective AWQS in one or more of all four groundwater samples.

Additionally, during the 2018 Phase II ESA (Figure 4), total arsenic, barium, chromium, copper, iron, lead, magnesium, manganese, nickel, selenium, and sodium were detected in exceedance of the AWQS in one or more of all four historical groundwater samples. In addition, dissolved manganese, selenium, and sodium were detected at concentrations exceeding their respective AWQS in one or more of all four historical groundwater samples.

GRO

GRO were not detected in any current groundwater sample.

3.6 Soil Vapor Analytical Results

Although not directly comparable, as indoor air samples were not collected for the purposes of this investigation, GEI compared soil vapor analytical results to the NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006, updated May 2017) and associated guidance values provided on Matrixes A through Matrix C for informational purposes. It should be noted that this NYSDOH guidance provides sub-slab soil vapor "mitigate" threshold concentrations for key compounds, regardless of corresponding indoor air

concentrations, which are used to screen the sample results described below. Soil vapor sample analytical results are summarized in Table 3 and Figure 5 (which also includes historical exceedances observed during the 2018 Phase II ESA). A summary of our findings is presented below:

Soil vapor samples exhibited elevated chlorinated and petroleum-related VOCs at a range of concentrations throughout the Site. In general, the higher VOC concentrations were detected in soil vapor samples SV-2 and SV-3, collected in the central and northern portions of the Site, within the Interior Parking Area and Large Auto Mechanic, respectively.

Trichloroethene, at a concentration of 96 µg/m³, exceeded its NYSDOH Guidance Matrix sub-slab soil vapor "mitigate" threshold of 60 µg/m³ at soil vapor probe SV-2, collected in close proximity to the central floor drain within the Large Auto Mechanic area. In addition, total benzene, toluene, ethylbenzene, and xylene (BTEX) compounds exhibited a concentration of 1,199 µg/m³ at soil vapor probe SV-3, located in close proximity to the USTs within the Large Auto Mechanic area; however, a NYSDOH Guidance Matrix value for BTEX has not been established.

Additionally, during the 2018 Phase II ESA (Figure 5), several BTEX and chlorinated VOCs were identified at elevated concentrations in several historical soil vapor samples, as follows:

- Tetrachloroethene, at a concentration of 1,200 µg/m³, exceeded its NYSDOH Guidance Matrix sub-slab soil vapor "mitigate" threshold of 1,000 µg/m³ at historical soil vapor probe SV-2, collected in close proximity to the central floor drain within the Large Auto Mechanic area.
- Trichloroethene, at concentrations ranging from 180 µg/m³ to 390 µg/m³, exceeded its NYSDOH Guidance Matrix sub-slab soil vapor "mitigate" threshold of 60 µg/m³ at historical soil vapor probe SV-3 and SV-4, collected in the central-eastern portion of the Site.
- In addition, historical total BTEX compounds were detected at concentrations ranging from 579 µg/m³ to 1,523 µg/m³ throughout the Site, with the maximum BTEX concentration identified at historical soil vapor probe SV-4, collected in the central-eastern portion of the Site; however, a NYSDOH Guidance Matrix value for BTEX has not been established.

4. Conclusions and Recommendations

This investigation was completed to establish baseline conditions prior to the planned redevelopment of the Site with an 11-story residential building and to further investigate contaminant concentrations and field conditions identified during the Phase II ESA. It should be noted that large portions of all Site areas were not able to be accessed due to equipment clutter and active work occurring at the various businesses currently operating at the property.

It should also be noted that a geotechnical soil boring investigation was completed by GEI at the Site concurrently with this investigation, which will be reported under separate cover.

4.1 Conclusions

Based on review of the soil boring logs, urban fill was noted to depths of up to approximately 3 feet bgs throughout the Site, and RCA was noted in the upper 1-foot of material underlying the building concrete flooring/foundation in the central area of the Site. Soil recovered adjacent to a floor drain within the Large Auto Mechanic area exhibited medium brown-to-blackish staining, moderate hydrocarbon-like odors, and elevated PID readings; and soil recovered at the large test pit completed adjacent to the USTs within the Interior Parking Area exhibited light-to-medium brown staining, strong hydrocarbon-like odors, and elevated PID readings. Groundwater was encountered at approximately 10.5 to 12 feet bgs throughout the Site.

The geophysical survey completed in accessible Site areas indicated anomalies indicative of USTs in the Interior Parking Area, in the same area where five UST anomalies were previously reported in 2018. The geophysical survey was not able to confirm the other five UST anomalies previously identified in 2018, due to access restrictions.

A UST (concrete encased, and likely part of a five-UST tank farm) and associated piping were identified in the large test pit excavated within the Interior Parking Area. The piping was noted to be pitted, corroded, and in poor condition, and stained soil and evidence of historical and current leaks were noted adjacent to the UST and below the piping. As such, the NYSDEC was notified, and a spill was subsequently assigned to the Site (NYSDEC Spill No. 2207384).

Several VOCs, PAHs, metals, and pesticides were detected in exceedance of multiple Part 375 SCOs in one or more historical and current soil sample collected throughout the Site (Figure 3). In general, the greater evidence of soil contamination (visual, olfactory, and elevated PID readings) and the greater number and concentrations of Part 375 SCO exceedances, including tetrachloroethene, were identified in the northern portion of the Site

in the vicinity of the central floor drain located in the Large Auto Mechanic and the USTs identified in the Interior Parking Area. It should be noted that tetrachloroethene is found in many industrial and automotive cleaning products. In addition, PAH and arsenic exceedances of multiple Part 375 SCOs were also noted in the western portion of the Site, in the Exterior Parking Area and the Machine Shop area.

One or more of several PAHs, metals (dissolved metals exceedances included manganese, selenium, and sodium), pesticides, and PCBs were detected in exceedance of the AWQS in one or more historical and current groundwater sample collected throughout the Site (Figure 4). Although not detected during this investigation, total PCBs were detected in exceedance of its AWQS of 1.0 ug/L in all four historical groundwater samples (ranging from 3.74 ug/L to 7.76 ug/L) collected throughout the Site, with the greatest concentration detected in the Interior Parking Area.

Several chlorinated and petroleum-related VOCs were detected in the historical and current soil vapor samples collected throughout the Site, with the highest concentrations generally located in the northeastern and eastern portions of the Site (Figure 5). Tetrachloroethene and trichloroethene were detected at concentrations exceeding their respective NYSDOH Guidance Matrix sub-slab soil vapor "mitigate" thresholds in several current and historical soil vapor probes completed in these areas. Elevated tetrachloroethene was also identified in soil in the vicinity of the central floor drain located in the Large Auto Mechanic area, where the most elevated current and historical tetrachloroethene concentrations were detected in soil vapor. In addition, historical and current total BTEX concentrations of up to 1,523 $\mu g/m^3$ were identified, with the maximum BTEX concentration identified in the central eastern portion of the Site; however, a NYSDOH Guidance Matrix value for BTEX has not been established.

4.2 Recommendations

Based on evaluation of the analytical results provided above, and given that the future plans for the Site include redevelopment with an 11-story residential building under the New York State BCP, the following is recommended:

- Preparation and submission of a Remedial Investigation Work Plan (RIWP) for NYSDEC review and approval to further investigate and delineate Site soil, groundwater, and soil vapor contaminants identified during the Supplemental Investigation. The RIWP will include descriptions of the proposed investigation scope, the future redevelopment plans for the Site, and how such may relate.
- Survey all existing and proposed wells, so groundwater flow gradients can be established at the Site.
- Preparation and submission of a complete BCP Application package for NYSDEC review and approval. As part of this effort, and as previously discussed

with NYSDEC, the BCP Application package include the historical Phase I and II ESAs, this Supplemental Investigation Report, and a draft RIWP to expedite the overall review and approval process.

- As it is likely that at least 10 USTs exist at the Site, which likely have not been properly closed, it is recommended that these and any other USTs which may be identified as part of any future remedial or construction/redevelopment work be properly registered and closed.
- As a NYSDEC spill (Spill No. 2207384) was assigned to the Site based on evidence of historical and current leaks noted at the UST identified within the Interior Parking Area, it is recommended that additional investigation of this spill be completed, as necessary, and the spill be properly closed as part of future investigation and/or remedial activities at the Site.

Tables

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-1 (0-2)**		**SB-1 (6-8)**		**SB-1 (10-12)**		**SB-2 (0-2)**		**SB-2 (8-10)**		**SB-3 (0-2)**		**SB-4 (0-2)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00		12/01/2022 10:30:00		11/28/2022 13:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
1,1,1-Trichloroethane	0.68	100	100	500	1000	0.00025	U	0.00027	U	0.00030	U	0.00028	U F1	0.00034	U	0.00025	U	0.00047	U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	0.00023	U	0.00025	U	0.00027	U	**0.00026**	U F1 F2	0.00031	U	0.00023	U	0.00043	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	0.00032	U	0.00035	U	0.00038	U	0.00036	U F1	0.00044	U	0.00032	U F1	0.00061	U
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	0.00019	U	0.00021	U	0.00023	U	0.00021	U F1	0.00026	U	0.00019	U	0.00036	U
1,1-Dichloroethane	0.27	19	26	240	480	0.00022	U	0.00024	U	0.00026	U	0.00025	U F1	0.00030	U	0.00022	U	0.00042	U
1,1-Dichloroethene	0.33	100	100	500	1000	0.00024	U	0.00026	U	0.00029	U	0.00027	U F1	0.00033	U	0.00024	U	0.00046	U
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	0.00019	U	0.00021	U	0.00023	U	0.00022	U F1	0.00027	U	0.00019	U F1 F2	0.00037	U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	0.00039	U	0.00042	U	0.00046	U	0.00043	U F1	0.00053	U	0.00038	U F1 F2	0.00073	U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	0.00049	U	0.00054	U	0.00059	U	0.00056	U F1	0.00067	U	0.00048	U	0.00093	U
1,2-Dichlorobenzene	1.1	100	100	500	1000	0.00039	U	0.00042	U	0.00046	U	0.00044	U F1	0.00053	U	0.00038	U F1	0.00073	U
1,2-Dichloroethane	NA	2.3	3.1	30	60	0.00032	U	0.00035	U	0.00038	U	0.00036	U F1	0.00043	U	0.00031	U	0.00060	U
1,2-Dichloropropane	NA	NA	NA	NA	NA	0.00046	U	0.00050	U	0.00054	U	0.00051	U F1	0.00062	U	0.00045	U	0.00086	U
1,3-Dichlorobenzene	2.4	17	49	280	560	0.00039	U	0.00043	U	0.00047	U	0.00044	U F1	0.00054	U	0.00038	U F1	0.00074	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	0.00024	U	0.00026	U	0.00029	U	0.00027	U F1	0.00033	U	0.00024	U F1	0.00046	U
2-Butanone (MEK)	0.12	100	100	500	1000	0.00040	U	0.00043	U	**0.0084**		**0.0072**	F1	**0.029**		0.00039	U F1	0.00075	U
2-Hexanone	NA	NA	NA	NA	NA	0.0018	U	0.0020	U	0.0022	U	0.0021	U	0.0025	U	0.0018	U	0.0035	U
4-Methyl-2-pentanone (MIBK)	NA	NA	NA	NA	NA	0.0017	U	0.0018	U	0.0020	U	0.0019	U F1	0.0023	U	0.0016	U	0.0032	U
Acetone	0.05	100	100	500	1000	0.0062	U	0.0067	U	**0.022**		**0.041**	F1 F2	**0.14**		0.0060	U	**0.015**	
Benzene	0.06	2.9	4.8	44	89	0.00028	U	0.00030	U	0.00033	U	0.00031	U F1	0.00038	U	0.00027	U	0.00052	U
Bromoform	NA	NA	NA	NA	NA	0.00046	U	0.00050	U	0.00054	U	0.00051	U F1	0.00062	U	0.00045	U F1	0.00086	U *-
Bromomethane	NA	NA	NA	NA	NA	0.0011	U	0.0012	U	0.0013	U	0.0012	U F1	0.0015	U	0.0011	U	0.0020	U
Carbon disulfide	NA	NA	NA	NA	NA	0.00029	U	0.00031	U	0.00034	U	0.00032	U F1	**0.0018**		0.00028	U F1	0.00054	U
Carbon tetrachloride	0.76	1.4	2.4	22	44	0.00042	U	0.00045	U	0.00049	U	0.00047	U F1	0.00057	U	0.00041	U F1	0.00079	U
Chlorobenzene	1.1	100	100	500	1000	0.00019	U	0.00021	U	0.00023	U	0.00021	U F1	0.00026	U	0.00019	U F1	0.00036	U
Chlorobromomethane	NA	NA	NA	NA	NA	0.00030	U	0.00033	U	0.00036	U	0.00034	U F1	0.00041	U	0.00030	U F1	0.00057	U

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-1 (0-2)		SB-1 (6-8)		SB-1 (10-12)		SB-2 (0-2)		SB-2 (8-10)		SB-3 (0-2)		SB-4 (0-2)	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00		12/01/2022 10:30:00		11/28/2022 13:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
Chlorodibromomethane	NA	NA	NA	NA	NA	0.00021	U	0.00023	U	0.00025	U	0.00023	U F1	0.00028	U	0.00020	U F1	0.00039	U *-
Chloroethane	NA	NA	NA	NA	NA	0.00056	U	0.00061	U	0.00067	U	0.00063	U	0.00077	U	0.00055	U	0.0011	U
Chloroform	0.37	10	49	350	700	0.0010	U	0.0011	U	0.0012	U	0.0012	U F1	0.0014	U	0.0010	U	0.0020	U
Chloromethane	NA	NA	NA	NA	NA	0.00047	U	0.00051	U	0.00056	U	0.00052	U F1	0.00064	U	0.00046	U	0.00088	U
cis-1,2-Dichloroethene	0.25	59	100	500	1000	0.00039	U	0.00042	U	0.00046	U	0.00043	U F1	0.00053	U	0.00038	U F1	0.00073	U
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00029	U	0.00032	U	0.00035	U	0.00033	U F1	0.00040	U	0.00029	U	0.00055	U
Cyclohexane	NA	NA	NA	NA	NA	0.00024	U	0.00026	U	0.00028	U	0.00027	U F1	0.00032	U	0.00023	U	0.00045	U
Dichlorobromomethane	NA	NA	NA	NA	NA	0.00028	U	0.00030	U	0.00033	U	0.00031	U F1	0.00038	U	0.00027	U	0.00052	U *-
Dichlorodifluoromethane	NA	NA	NA	NA	NA	0.00036	U	0.00040	U	0.00043	U	0.00041	U F1	0.00050	U	0.00036	U F1	0.00069	U
Ethylbenzene	1	30	41	390	780	0.00021	U	0.00023	U	0.00025	U	0.00024	U F1	0.00029	U	0.00021	U	0.00040	U
Ethylene Dibromide	NA	NA	NA	NA	NA	0.00019	U	0.00021	U	0.00023	U	0.00022	U F1	0.00026	U	0.00019	U F1	0.00037	U
Isopropylbenzene	NA	NA	NA	NA	NA	0.00031	U	0.00033	U	0.00036	U	0.00034	U F1	0.00042	U	0.00030	U F1	0.00058	U
Methyl acetate	NA	NA	NA	NA	NA	0.0046	U	0.0050	U	0.0055	U	0.0052	U F2	0.0063	U	0.0045	U	0.0087	U
Methyl tert-butyl ether	0.93	62	100	500	1000	0.00055	U	0.00060	U	0.00065	U	0.00062	U F1	0.00075	U	0.00054	U F1	0.0010	U
Methylcyclohexane	NA	NA	NA	NA	NA	0.00054	U	0.00059	U	0.00064	U	0.00060	U F1	0.00073	U	0.00053	U F1	0.0010	U
Methylene Chloride	0.05	51	100	500	1000	0.0012	U	0.0013	U	0.0015	U	0.0014	U F1	0.0017	U	0.0012	U F1	**0.0034**	J
m-Xylene & p-Xylene	NA	NA	NA	NA	NA	0.00019	U	0.00020	U	0.00022	U	0.00021	U F1	0.00026	U	0.00018	U F1	0.00035	U
o-Xylene	NA	NA	NA	NA	NA	0.00021	U	0.00023	U	0.00025	U	0.00023	U F1	0.00028	U	0.00020	U	0.00039	U
Styrene	NA	NA	NA	NA	NA	0.00030	U	0.00033	U	0.00036	U	0.00034	U F1	0.00041	U	0.00029	U F1	0.00056	U
Tetrachloroethene	1.3	5.5	19	150	300	0.00033	U	0.00036	U	0.00039	U	0.00037	U F1	0.00045	U	0.00032	U F1	**0.00063**	J
Toluene	0.7	100	100	500	1000	0.00025	U	0.00027	U	0.00030	U	0.00028	U F1	0.00034	U	0.00025	U	0.00048	U
trans-1,2-Dichloroethene	0.19	100	100	500	1000	0.00026	U	0.00029	U	0.00031	U	0.00030	U F1	0.00036	U	0.00026	U F1	0.00050	U
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00029	U	0.00031	U	0.00034	U	0.00032	U F1	0.00039	U	0.00028	U F1	0.00054	U *-
Trichloroethene	0.47	10	21	200	400	0.00035	U	0.00038	U	0.00041	U	0.00039	U F1	0.00047	U	0.00034	U F1	0.00065	U
Trichlorofluoromethane	NA	NA	NA	NA	NA	0.00044	U	0.00048	U	0.00052	U	0.00049	U F1	0.00060	U	0.00043	U F1	0.00083	U
Vinyl chloride	0.02	0.21	0.9	13	27	0.00059	U	0.00064	U	0.00070	U	0.00066	U F1	0.00080	U	0.00057	U F1	0.0011	U
SOIL BY 8015D																			
GRO	NA	NA	NA	NA	NA	6.6	U	3.1	U	5.5	U	3.6	U	5.2	U	2.1	U	2.9	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**		**SB-6 (0-2)**		**SB-6 (10-12)**		**SB-7 (0-2)**		**SB-8 (8-9)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00		12/01/2022 11:20:00		12/01/2022 11:30:00		11/30/2022 13:20:00		12/01/2022 12:10:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
1,1,1-Trichloroethane	0.68	100	100	500	1000	0.00027	U	0.00024	U	0.00026	U	0.00026	U	0.00027	U	0.00038	U	0.00028	U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	0.00025	U	0.00022	U	0.00024	U	0.00024	U	0.00025	U	0.00035	U	0.00026	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	0.00035	U	0.00031	U	0.00034	U	0.00034	U	0.00035	U	0.00049	U	0.00036	U
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	0.00020	U	0.00018	U	0.00020	U	0.00020	U	0.00021	U	0.00029	U	0.00021	U
1,1-Dichloroethane	0.27	19	26	240	480	0.00024	U	0.00021	U	0.00023	U	0.00023	U	0.00024	U	0.00033	U	0.00025	U
1,1-Dichloroethene	0.33	100	100	500	1000	0.00026	U	0.00023	U	0.00025	U	0.00025	U	0.00026	U	0.00036	U	0.00027	U
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	0.00021	U	0.00019	U	0.00020	U	0.00020	U	0.00021	U	0.00029	U	0.00022	U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	0.00041	U	0.00037	U	0.00040	U	0.00040	U	0.00042	U	0.00058	U	0.00043	U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	0.00053	U	0.00048	U	0.00052	U	0.00052	U	0.00054	U	0.00075	U	0.00055	U
1,2-Dichlorobenzene	1.1	100	100	500	1000	0.00041	U	0.00037	U	0.00041	U	0.00040	U	0.00042	U	0.00058	U	0.00043	U
1,2-Dichloroethane	NA	2.3	3.1	30	60	0.00034	U	0.00031	U	0.00033	U	0.00033	U	0.00035	U	0.00048	U	0.00035	U
1,2-Dichloropropane	NA	NA	NA	NA	NA	0.00049	U	0.00044	U	0.00048	U	0.00047	U	0.00050	U	0.00069	U	0.00051	U
1,3-Dichlorobenzene	2.4	17	49	280	560	0.00042	U	0.00038	U	0.00041	U	0.00041	U	0.00043	U	0.00059	U	0.00044	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	0.00026	U	0.00023	U	0.00025	U	0.00025	U	0.00026	U	0.00036	U	0.00027	U
2-Butanone (MEK)	0.12	100	100	500	1000	0.00042	U	0.00038	U	0.00042	U	0.00041	U	0.00043	U	0.00060	U	0.00044	U
2-Hexanone	NA	NA	NA	NA	NA	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0020	U	0.0028	U	0.0020	U
4-Methyl-2-pentanone (MIBK)	NA	NA	NA	NA	NA	0.0018	U	0.0016	U	0.0018	U	0.0017	U	0.0018	U	0.0025	U	0.0019	U
Acetone	0.05	100	100	500	1000	**0.0081**		**0.0061**	J	**0.023**		0.0064	U	0.0067	U	**0.045**		0.0068	U
Benzene	0.06	2.9	4.8	44	89	0.00030	U	0.00027	U	0.00029	U	0.00029	U	0.00030	U	**0.00084**	J	0.00031	U
Bromoform	NA	NA	NA	NA	NA	0.00049	U *-	0.00044	U *-	0.00048	U	0.00048	U	0.00050	U	0.00069	U	0.00051	U
Bromomethane	NA	NA	NA	NA	NA	0.0011	U	0.0010	U	0.0011	U	0.0011	U	0.0012	U	0.0016	U	0.0012	U
Carbon disulfide	NA	NA	NA	NA	NA	0.00031	U	0.00028	U	0.00030	U	0.00030	U	0.00031	U	0.00043	U	0.00032	U
Carbon tetrachloride	0.76	1.4	2.4	22	44	0.00044	U	0.00040	U	0.00044	U	0.00043	U	0.00045	U	0.00063	U	0.00046	U
Chlorobenzene	1.1	100	100	500	1000	0.00020	U	0.00018	U	0.00020	U	0.00020	U	0.00021	U	0.00029	U	0.00021	U
Chlorobromomethane	NA	NA	NA	NA	NA	0.00032	U	0.00029	U	0.00032	U	0.00031	U	0.00033	U	0.00046	U	0.00034	U

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**		**SB-6 (0-2)**		**SB-6 (10-12)**		**SB-7 (0-2)**		**SB-8 (8-9)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00		12/01/2022 11:20:00		12/01/2022 11:30:00		11/30/2022 13:20:00		12/01/2022 12:10:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
Chlorodibromomethane	NA	NA	NA	NA	NA	0.00022	U *-	0.00020	U *-	0.00022	U	0.00022	U	0.00023	U	0.00031	U	0.00023	U
Chloroethane	NA	NA	NA	NA	NA	0.00060	U	0.00054	U	0.00059	U	0.00058	U	0.00061	U	0.00085	U	0.00062	U
Chloroform	0.37	10	49	350	700	0.0011	U	0.0010	U	0.0011	U	0.0011	U	0.0011	U	0.0016	U	0.0012	U
Chloromethane	NA	NA	NA	NA	NA	0.00050	U	0.00045	U	0.00049	U	0.00049	U	0.00051	U	0.00070	U	0.00052	U
cis-1,2-Dichloroethene	0.25	59	100	500	1000	0.00041	U	0.00037	U	0.00040	U	0.00040	U	0.00042	U	0.00058	U	0.00043	U
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00031	U	0.00028	U	0.00031	U	0.00031	U	0.00032	U	0.00044	U	0.00033	U
Cyclohexane	NA	NA	NA	NA	NA	0.00025	U	0.00023	U	0.00025	U	0.00025	U	0.00026	U	0.00036	U	0.00026	U
Dichlorobromomethane	NA	NA	NA	NA	NA	0.00030	U *-	0.00027	U *-	0.00029	U	0.00029	U	0.00030	U	0.00042	U	0.00031	U
Dichlorodifluoromethane	NA	NA	NA	NA	NA	0.00039	U	0.00035	U	0.00038	U	0.00038	U	0.00040	U	0.00055	U	0.00040	U
Ethylbenzene	1	30	41	390	780	0.00023	U	0.00021	U	0.00023	U	0.00022	U	0.00023	U	**0.00049**	J	0.00024	U
Ethylene Dibromide	NA	NA	NA	NA	NA	0.00021	U	0.00019	U	0.00020	U	0.00020	U	0.00021	U	0.00029	U	0.00022	U
Isopropylbenzene	NA	NA	NA	NA	NA	0.00033	U	0.00030	U	0.00032	U	0.00032	U	0.00033	U	**0.00065**	J	0.00034	U
Methyl acetate	NA	NA	NA	NA	NA	0.0049	U	0.0045	U	0.0049	U	0.0048	U	0.0050	U	0.0070	U	0.0051	U
Methyl tert-butyl ether	0.93	62	100	500	1000	0.00059	U	0.00053	U	0.00058	U	0.00057	U	0.00060	U	0.00083	U	0.00061	U
Methylcyclohexane	NA	NA	NA	NA	NA	0.00057	U	0.00052	U	0.00056	U	0.00056	U	0.00058	U	0.00081	U	0.00060	U
Methylene Chloride	0.05	51	100	500	1000	0.0013	U	0.0012	U	0.0013	U	0.0013	U	0.0013	U	0.0019	U	0.0014	U
m-Xylene & p-Xylene	NA	NA	NA	NA	NA	0.00020	U	0.00018	U	0.00020	U	0.00019	U	0.00020	U	0.0023		0.00021	U
o-Xylene	NA	NA	NA	NA	NA	0.00022	U	0.00020	U	0.00022	U	0.00022	U	0.00023	U	**0.0011**	J	0.00023	U
Styrene	NA	NA	NA	NA	NA	0.00032	U	0.00029	U	0.00031	U	0.00031	U	0.00033	U	0.00045	U	0.00033	U
Tetrachloroethene	1.3	5.5	19	150	300	0.00035	U	0.00032	U	0.00034	U	0.00034	U	0.00036	U	**0.0048**		0.00036	U
Toluene	0.7	100	100	500	1000	0.00027	U	0.00024	U	0.00026	U	0.00026	U	0.00027	U	**0.0048**		0.00028	U
trans-1,2-Dichloroethene	0.19	100	100	500	1000	0.00028	U	0.00026	U	0.00028	U	0.00028	U	0.00029	U	0.00040	U	0.00029	U
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00031	U *-	0.00028	U *-	0.00030	U	0.00030	U	0.00031	U	0.00043	U	0.00032	U
Trichloroethene	0.47	10	21	200	400	0.00037	U	0.00033	U	0.00036	U	0.00036	U	0.00038	U	0.00052	U	0.00038	U
Trichlorofluoromethane	NA	NA	NA	NA	NA	0.00047	U	0.00042	U	0.00046	U	0.00045	U	0.00048	U	0.00066	U	0.00048	U
Vinyl chloride	0.02	0.21	0.9	13	27	0.00063	U	0.00057	U	0.00062	U	0.00061	U	0.00064	U	0.00088	U	0.00065	U
SOIL BY 8015D																			
GRO	NA	NA	NA	NA	NA	3.3	U	3.5	U	3.1	U	2.7	U	2.5	U	3.8	U	3.0	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-9 (8-9)**		**SB-9 (9-10)**		**SB-10 (0-2)**		**SB-10 (6-8)**		**SB-10 (10-12)**		**UST-TP-1**		**UST-TP-2**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 11:15:00		11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00		11/28/2022 08:27:00		11/30/2022 12:00:00		11/30/2022 12:17:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		50		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
1,1,1-Trichloroethane	0.68	100	100	500	1000	0.00025	U	0.00042	U	0.043	U	0.00031	U	0.00026	U	0.00028	U	0.00031	U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	0.00023	U	0.00038	U	0.030	U	0.00028	U	0.00024	U	0.00026	U	0.00028	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	0.00032	U	0.00054	U	0.052	U	0.00040	U	0.00033	U	0.00037	U	0.00040	U
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	0.00019	U	0.00032	U	0.031	U	0.00024	U	0.00020	U	0.00022	U	0.00024	U
1,1-Dichloroethane	0.27	19	26	240	480	0.00022	U	0.00037	U	0.037	U	0.00027	U	0.00023	U	0.00025	U	0.00027	U
1,1-Dichloroethene	0.33	100	100	500	1000	0.00024	U	0.00040	U	0.041	U	0.00030	U	0.00025	U	0.00027	U	0.00030	U
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	0.00019	U	0.00032	U	0.054	U	0.00024	U	0.00020	U	0.00022	U	0.00024	U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	0.00038	U	0.00064	U	**0.20**		0.00047	U	0.00040	U	0.00044	U	0.00048	U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	0.00049	U	0.00082	U	0.033	U	0.00061	U	0.00051	U	0.00056	U	0.00061	U
1,2-Dichlorobenzene	1.1	100	100	500	1000	0.00038	U	0.00064	U	**3.4**		0.00048	U	**0.0027**		0.00044	U	0.00048	U
1,2-Dichloroethane	NA	2.3	3.1	30	60	0.00032	U	0.00053	U	**0.52**		0.00039	U	0.00033	U	0.00036	U	**0.0089**	
1,2-Dichloropropane	NA	NA	NA	NA	NA	0.00045	U	0.00076	U	0.028	U	0.00056	U	0.00047	U	0.00052	U	0.00056	U
1,3-Dichlorobenzene	2.4	17	49	280	560	0.00039	U	0.00065	U	**0.073**	J	0.00048	U	0.00041	U	0.00044	U	0.00048	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	0.00024	U	0.00040	U	**1.1**		0.00030	U	**0.00071**	J	0.00027	U	0.00030	U
2-Butanone (MEK)	0.12	100	100	500	1000	0.00039	U	0.00066	U	0.34	U	0.00049	U	0.00041	U	**0.023**		**0.016**	
2-Hexanone	NA	NA	NA	NA	NA	0.0018	U	0.0031	U	0.17	U	0.0023	U	0.0019	U	0.0021	U	0.0023	U
4-Methyl-2-pentanone (MIBK)	NA	NA	NA	NA	NA	0.0017	U	0.0028	U	0.20	U	0.0021	U	0.0017	U	0.0019	U	0.0021	U
Acetone	0.05	100	100	500	1000	0.0061	U	0.010	U	0.68	U	0.0076	U	0.0064	U	**0.023**		**0.033**	
Benzene	0.06	2.9	4.8	44	89	0.00027	U	0.00046	U	0.037	J	0.00034	U	0.00029	U	**0.0029**		**0.019**	
Bromoform	NA	NA	NA	NA	NA	0.00045	U *-	0.00076	U *-	0.028	U	0.00056	U *-	0.00047	U *-	0.00052	U	0.00056	U
Bromomethane	NA	NA	NA	NA	NA	0.0011	U	0.0018	U	0.085	U	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Carbon disulfide	NA	NA	NA	NA	NA	0.00028	U	0.00048	U	0.10	U	0.00035	U	0.00030	U	0.00032	U	0.00035	U
Carbon tetrachloride	0.76	1.4	2.4	22	44	0.00041	U	0.00069	U	0.051	U	0.00051	U	0.00043	U	0.00047	U	0.00051	U
Chlorobenzene	1.1	100	100	500	1000	0.00019	U	0.00032	U	0.037	U	0.00023	U	0.00020	U	0.00022	U	0.00024	U
Chlorobromomethane	NA	NA	NA	NA	NA	0.00030	U	0.00050	U	0.046	U	0.00037	U	0.00031	U	0.00034	U	0.00037	U

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-9 (8-9)**		**SB-9 (9-10)**		**SB-10 (0-2)**		**SB-10 (6-8)**		**SB-10 (10-12)**		**UST-TP-1**		**UST-TP-2**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 11:15:00		11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00		11/28/2022 08:27:00		11/30/2022 12:00:00		11/30/2022 12:17:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		50		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
Chlorodibromomethane	NA	NA	NA	NA	NA	0.00021	U *-	0.00035	U *-	0.034	U	0.00026	U *-	0.00022	U *-	0.00024	U	0.00026	U
Chloroethane	NA	NA	NA	NA	NA	0.00056	U	0.00093	U	0.057	U	0.00069	U	0.00058	U	0.00064	U	0.00069	U
Chloroform	0.37	10	49	350	700	0.0010	U	0.0017	U	0.034	U	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Chloromethane	NA	NA	NA	NA	NA	0.00046	U	0.00078	U	0.062	U	0.00058	U	0.00048	U	0.00053	U	0.00058	U
cis-1,2-Dichloroethene	0.25	59	100	500	1000	0.00038	U	0.00064	U	**1.0**		0.00047	U	0.00040	U	0.00044	U	0.00048	U
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00029	U	0.00049	U	0.034	U	0.00036	U	0.00030	U	0.00033	U	0.00036	U
Cyclohexane	NA	NA	NA	NA	NA	0.00024	U	0.00039	U	**0.31**		0.00029	U	**0.0012**		0.00027	U	0.00029	U
Dichlorobromomethane	NA	NA	NA	NA	NA	0.00027	U *-	0.00046	U *-	0.023	U	0.00034	U *-	0.00029	U *-	0.00031	U	0.00034	U
Dichlorodifluoromethane	NA	NA	NA	NA	NA	0.00036	U	0.00060	U	0.048	U	0.00045	U	0.00038	U	0.00041	U	0.00045	U
Ethylbenzene	1	30	41	390	780	0.00021	U	0.00036	U	**1.7**		0.00026	U	**0.0064**		**0.00081**	J	**0.0079**	
Ethylene Dibromide	NA	NA	NA	NA	NA	0.00019	U	0.00032	U	0.029	U	0.00024	U	0.00020	U	0.00022	U	0.00024	U
Isopropylbenzene	NA	NA	NA	NA	NA	0.00030	U	0.00051	U	0.40		0.00038	U	**0.0018**		0.00035	U	**0.00050**	J
Methyl acetate	NA	NA	NA	NA	NA	0.0046	U	0.0077	U	**1.4**	*-	0.0057	U	0.0048	U	0.0052	U	0.0057	U
Methyl tert-butyl ether	0.93	62	100	500	1000	0.00055	U	0.00091	U	0.033	U	0.00068	U	0.00057	U	0.00062	U	0.00068	U
Methylcyclohexane	NA	NA	NA	NA	NA	0.00053	U	0.00089	U	**0.96**		0.00066	U	**0.0025**		0.00061	U	**0.0032**	
Methylene Chloride	0.05	51	100	500	1000	**0.0015**	J	0.0020	U	**0.045**	J	0.0015	U	0.0013	U	0.0014	U	0.0015	U
m-Xylene & p-Xylene	NA	NA	NA	NA	NA	0.00019	U	0.00031	U	**7.2**		0.00023	U	**0.027**		**0.0036**		**0.036**	
o-Xylene	NA	NA	NA	NA	NA	0.00021	U	0.00035	U	**2.8**		0.00026	U	**0.012**		**0.0015**		**0.014**	
Styrene	NA	NA	NA	NA	NA	0.00030	U	0.00050	U	0.026	U	0.00037	U	0.00031	U	0.00034	U	0.00037	U
Tetrachloroethene	1.3	5.5	19	150	300	**0.00064**	J	0.00054	U	**18**		0.00040	U	**0.038**		0.00037	U	0.00040	U
Toluene	0.7	100	100	500	1000	0.00025	U	0.00042	U	**2.7**		0.00031	U	**0.0089**		**0.0095**		**0.067**	
trans-1,2-Dichloroethene	0.19	100	100	500	1000	0.00026	U	0.00044	U	0.028	U	0.00033	U	0.00027	U	0.00030	U	0.00033	U
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00028	U *-	0.00048	U *-	0.034	U	0.00035	U *-	0.00030	U *-	0.00032	U	0.00035	U
Trichloroethene	0.47	10	21	200	400	0.00034	U	0.00057	U	**1.1**		0.00042	U	**0.0018**		0.00039	U	0.00043	U
Trichlorofluoromethane	NA	NA	NA	NA	NA	0.00043	U	0.00073	U	0.049	U	0.00054	U	0.00045	U	0.00049	U	0.00054	U
Vinyl chloride	0.02	0.21	0.9	13	27	0.00058	U	0.00098	U	0.031	U	0.00072	U	0.00061	U	0.00067	U	0.00073	U
SOIL BY 8015D																			
GRO	NA	NA	NA	NA	NA	2.4	U	1.0	U	3.1	U	3.0	U	3.1	U	2.9	U	**5.8**	

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	DUP-01		DUP-02		FB-113022		FB-120122		TB-112822		TB-113022		TB-120122	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00		11/28/2022 00:00:00		11/30/2022 00:00:00		12/01/2022 00:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Water		Water		Water		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		ug/l		ug/l		ug/l		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
1,1,1-Trichloroethane	0.68	100	100	500	1000	0.00030	U	0.00028	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	0.00028	U	0.00025	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	0.00039	U	0.00036	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	0.00023	U	0.00021	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethane	0.27	19	26	240	480	0.00027	U	0.00024	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	0.33	100	100	500	1000	0.00029	U	0.00027	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	0.00024	U	0.00021	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	0.00047	U	0.00042	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	0.00060	U	0.00054	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
1,2-Dichlorobenzene	1.1	100	100	500	1000	0.00047	U	0.00043	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
1,2-Dichloroethane	NA	2.3	3.1	30	60	0.00039	U	0.00035	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	NA	NA	NA	NA	NA	0.00055	U	0.00050	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
1,3-Dichlorobenzene	2.4	17	49	280	560	0.00048	U	0.00043	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
1,4-Dichlorobenzene	1.8	9.8	13	130	250	0.00029	U	0.00027	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
2-Butanone (MEK)	0.12	100	100	500	1000	0.00048	U	0.00044	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	NA	NA	NA	NA	NA	0.0022	U	0.0020	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-pentanone (MIBK)	NA	NA	NA	NA	NA	0.0020	U	0.0018	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Acetone	0.05	100	100	500	1000	0.0075	U	0.0068	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U
Benzene	0.06	2.9	4.8	44	89	0.00034	U	0.00031	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Bromoform	NA	NA	NA	NA	NA	0.00056	U	0.00050	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	NA	NA	NA	NA	NA	0.0013	U	0.0012	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
Carbon disulfide	NA	NA	NA	NA	NA	0.00035	U	0.00031	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	0.76	1.4	2.4	22	44	0.00051	U	0.00046	U	0.21	U *+	0.21	U *+	0.21	U	0.21	U	0.21	U *+
Chlorobenzene	1.1	100	100	500	1000	0.00023	U	0.00021	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	NA	NA	NA	NA	NA	0.00037	U	0.00033	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U

Table 1a. VOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	DUP-01		DUP-02		FB-113022		FB-120122		TB-112822		TB-113022		TB-120122	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00		11/28/2022 00:00:00		11/30/2022 00:00:00		12/01/2022 00:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Water		Water		Water		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		ug/l		ug/l		ug/l		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8260D																			
Chlorodibromomethane	NA	NA	NA	NA	NA	0.00025	U	0.00023	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Chloroethane	NA	NA	NA	NA	NA	0.00068	U	0.00062	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	0.37	10	49	350	700	0.0013	U	0.0011	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	NA	NA	NA	NA	NA	0.00057	U	0.00051	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
cis-1,2-Dichloroethene	0.25	59	100	500	1000	0.00047	U	0.00042	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00036	U	0.00032	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Cyclohexane	NA	NA	NA	NA	NA	0.00029	U	0.00026	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Dichlorobromomethane	NA	NA	NA	NA	NA	0.00034	U	0.00030	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Dichlorodifluoromethane	NA	NA	NA	NA	NA	0.00044	U	0.00040	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
Ethylbenzene	1	30	41	390	780	0.00026	U	0.00024	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
Ethylene Dibromide	NA	NA	NA	NA	NA	0.00024	U	0.00021	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	NA	NA	NA	NA	NA	0.00037	U	0.00034	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Methyl acetate	NA	NA	NA	NA	NA	0.0056	U	0.0051	U	0.79	U	0.79	U	0.79	U	0.79	U	0.79	U
Methyl tert-butyl ether	0.93	62	100	500	1000	0.00067	U	0.00061	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Methylcyclohexane	NA	NA	NA	NA	NA	0.00065	U	0.00059	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U
Methylene Chloride	0.05	51	100	500	1000	0.0015	U	0.0014	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
m-Xylene & p-Xylene	NA	NA	NA	NA	NA	0.00023	U	0.00021	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
o-Xylene	NA	NA	NA	NA	NA	0.00025	U	0.00023	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
Styrene	NA	NA	NA	NA	NA	0.00036	U	0.00033	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	1.3	5.5	19	150	300	0.00040	U	0.00036	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Toluene	0.7	100	100	500	1000	0.00031	U	0.00028	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	0.19	100	100	500	1000	0.00032	U	0.00029	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	0.00035	U	0.00031	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Trichloroethene	0.47	10	21	200	400	0.00042	U	0.00038	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
Trichlorofluoromethane	NA	NA	NA	NA	NA	0.00053	U	0.00048	U	0.32	U	0.32	U	0.32	U	0.32	U *+	0.32	U
Vinyl chloride	0.02	0.21	0.9	13	27	0.00071	U	0.00065	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
SOIL BY 8015D																			
GRO	NA	NA	NA	NA	NA	2.6	U	4.8	U	25	U	25	U						

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-1 (0-2)**		**SB-1 (6-8)**		**SB-1 (10-12)**		**SB-2 (0-2)**		**SB-2 (8-10)**		**SB-3 (0-2)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00		12/01/2022 10:30:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.012	U	0.013	U	0.016	U	0.013	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.012	U	0.011	U	0.012	U	0.014	U	0.012	U
1,4-Dioxane	0.1	9.8	13	130	250	0.033	U	0.032	U	0.031	U	0.033	U	0.039	U	0.034	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0069	U *+	0.0067	U *+	0.0065	U *+	0.0068	U F1	0.0081	U	0.0070	U F1
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	0.026	U	0.025	U	0.024	U	0.025	U	0.030	U	0.026	U
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	0.039	U	0.038	U	0.036	U	0.038	U	0.046	U	0.039	U
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	0.049	U	0.048	U	0.046	U	0.048	U	0.058	U	0.050	U
2,4-Dichlorophenol	NA	NA	NA	NA	NA	0.024	U	0.024	U	0.023	U	0.024	U	0.029	U	0.025	U
2,4-Dimethylphenol	NA	NA	NA	NA	NA	0.045	U	0.044	U	0.043	U	0.045	U	0.054	U	0.046	U
2,4-Dinitrophenol	NA	NA	NA	NA	NA	0.19	U	0.18	U	0.18	U	0.18	U	0.22	U	0.19	U F1
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	0.041	U	0.040	U	0.039	U	0.041	U	0.048	U	0.042	U
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	0.027	U	0.027	U	0.026	U	0.027	U	0.033	U	0.028	U
2-Chloronaphthalene	NA	NA	NA	NA	NA	0.018	U	0.017	U	0.017	U	0.017	U	0.021	U	0.018	U
2-Chlorophenol	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.013	U	0.016	U	0.014	U
2-Methylnaphthalene	NA	NA	NA	NA	NA	0.011	U	0.010	U	**0.022**	J	0.011	U	0.013	U	0.015	J
2-Methylphenol	0.33	100	100	500	1,000	0.014	U	0.014	U	0.013	U	0.014	U	0.017	U	0.014	U
2-Nitroaniline	NA	NA	NA	NA	NA	0.029	U *+	0.028	U *+	0.027	U *+	0.029	U F1	0.034	U	0.030	U F1
2-Nitrophenol	NA	NA	NA	NA	NA	0.038	U	0.037	U	0.036	U	0.038	U	0.045	U	0.039	U
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	0.057	U	0.056	U	0.054	U	0.057	U	0.068	U	0.058	U
3-Nitroaniline	NA	NA	NA	NA	NA	0.090	U	0.088	U	0.085	U	0.089	U	0.11	U	0.092	U
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	0.15	U	0.15	U	0.15	U	0.15	U	0.18	U	0.16	U
4-Bromophenyl phenyl ether	NA	NA	NA	NA	NA	0.015	U	0.015	U	0.014	U	0.015	U	0.018	U	0.015	U
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	0.021	U	0.021	U	0.020	U	0.021	U	0.025	U	0.022	U
4-Chloroaniline	NA	NA	NA	NA	NA	0.067	U	0.066	U	0.064	U	0.067	U	0.080	U	0.069	U
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.013	U	0.016	U	0.014	U
4-Methylphenol	0.33	34	100	500	1,000	0.024	U	0.023	U	0.022	U	0.024	U	0.028	U	0.024	U
4-Nitroaniline	NA	NA	NA	NA	NA	0.043	U	0.043	U	0.041	U	0.043	U	0.052	U	0.044	U
4-Nitrophenol	NA	NA	NA	NA	NA	0.062	U	0.061	U	0.058	U	0.061	U	0.073	U	0.063	U
Acenaphthene	20	100	100	500	1,000	0.011	U	0.011	U	0.010	U	0.011	U	0.013	U	0.011	U
Acenaphthylene	100	100	100	500	1,000	0.011	U	0.011	U	0.010	U	0.011	U	0.013	U	0.021	J
Acetophenone	NA	NA	NA	NA	NA	0.019	U	0.018	U	0.018	U	0.018	U	0.022	U	0.019	U
Anthracene	100	100	100	500	1,000	0.012	U	0.011	U	0.011	U	0.011	U	0.014	U	0.021	J
Atrazine	NA	NA	NA	NA	NA	0.022	U	0.022	U	0.021	U	0.022	U	0.026	U	0.023	U
Benzaldehyde	NA	NA	NA	NA	NA	0.063	U	0.061	U	0.059	U	0.062	U	0.074	U	0.064	U F1
Benzo[a]anthracene	1	1	1	5.6	11	0.026	J	0.013	U	0.012	U	0.013	U	0.016	U	0.049	
Benzo[a]pyrene	1	1	1	1	1.1	0.020	J	0.0099	U	0.0095	U	0.010	U	0.012	U	0.041	
Benzo[b]fluoranthene	1	1	1	5.6	11	0.028	J	0.0096	U	**0.010**	J	0.0097	U	0.012	U	0.057	
Benzo[g,h,i]perylene	100	100	100	500	1,000	0.013	J	0.011	U	0.011	U	0.011	U	0.013	U	0.035	J
Benzo[k]fluoranthene	0.8	1	3.9	56	110	0.0074	U	0.0073	U	0.0070	U	0.0074	U	0.0088	U	0.022	J
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA	0.029	U	0.029	U	0.028	U	0.029	U	0.035	U	0.030	U

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-1 (0-2)**		**SB-1 (6-8)**		**SB-1 (10-12)**		**SB-2 (0-2)**		**SB-2 (8-10)**		**SB-3 (0-2)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00		12/01/2022 10:30:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.012	U	0.013	U	0.016	U	0.013	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.012	U	0.011	U	0.012	U	0.014	U	0.012	U
1,4-Dioxane	0.1	9.8	13	130	250	0.033	U	0.032	U	0.031	U	0.033	U	0.039	U	0.034	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0069	U *+	0.0067	U *+	0.0065	U *+	0.0068	U F1	0.0081	U	0.0070	U F1
Bis(2-chloroethyl)ether	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.012	U	0.013	U	0.016	U	0.013	U
Bis(2-ethylhexyl) phthalate	NA	NA	NA	NA	NA	**0.020**	U	**0.026**	J	0.019	U	0.020	U F1	**0.43**	J	**0.032**	J
Butyl benzyl phthalate	NA	NA	NA	NA	NA	0.018	U	0.017	U	0.017	U	0.018	U F1	0.021	U	0.018	U
Caprolactam	NA	NA	NA	NA	NA	0.059	U	0.058	U	0.056	U	0.059	U	0.070	U	0.060	U
Carbazole	NA	NA	NA	NA	NA	0.014	U	0.014	U	0.014	U	0.014	U	0.017	U	0.015	U
Chrysene	1	1	3.9	56	110	0.023	J	0.0063	U	0.0061	U	0.0064	U	0.0076	U	0.053	J
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	0.016	U	0.016	U	0.016	U	0.016	U	0.019	U	0.017	U
Dibenzofuran	7	14	59	350	1,000	0.013	U	0.012	U	0.012	U	0.013	U	0.015	U	0.013	U
Diethyl phthalate	NA	NA	NA	NA	NA	0.012	U	0.012	U	0.012	U	0.012	U	0.014	U	0.012	U
Dimethyl phthalate	NA	NA	NA	NA	NA	0.086	U	0.085	U	0.081	U	0.086	U	0.10	U	0.088	U
Di-n-butyl phthalate	NA	NA	NA	NA	NA	0.015	J	0.014	U	0.013	U	0.014	U	**0.028**	J	0.015	U
Di-n-octyl phthalate	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U F1	0.024	U	0.021	U
Fluoranthene	100	100	100	500	1,000	0.036	J	0.013	U	**0.020**	J	0.013	U	0.016	U	0.066	J
Fluorene	30	100	100	500	1,000	0.011	U	0.011	U	0.010	U	0.011	U	0.013	U	0.031	J
Hexachlorobenzene	0.33	0.33	1.2	6	12	0.018	U	0.018	U	0.017	U	0.018	U	0.021	U	0.018	U
Hexachlorobutadiene	NA	NA	NA	NA	NA	0.0081	U	0.0079	U	0.0076	U	0.0080	U	0.0096	U	0.0082	U
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	0.033	U	0.033	U	0.031	U	0.033	U	0.039	U	0.034	U
Hexachloroethane	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.012	U	0.013	U	0.015	U	0.013	U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	0.015	U	0.015	U	0.014	U	0.015	U	0.018	U	0.034	J
Isophorone	NA	NA	NA	NA	NA	0.11	U	0.11	U	0.10	U	0.11	U	0.13	U	0.11	U
Naphthalene	12	100	100	500	1,000	0.0065	U	0.0064	U	0.0062	U	0.0065	U	0.0078	U	0.019	J
Nitrobenzene	NA	NA	NA	NA	NA	0.021	U	0.021	U	0.020	U	0.021	U	0.025	U	0.021	U
N-Nitrosodi-n-propylamine	NA	NA	NA	NA	NA	0.027	U	0.027	U	0.026	U	0.027	U	0.033	U	0.028	U
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	0.031	U	0.031	U	0.029	U	0.031	U	0.037	U	0.032	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.078	U	0.076	U	0.073	U	0.077	U	0.092	U	0.079	U
Phenanthrene	100	100	100	500	1,000	0.021	J	0.0065	U	**0.034**	J	0.0066	U	0.0079	U	0.098	J
Phenol	0.33	100	100	500	1,000	0.014	U *+	0.014	U *+	0.013	U *+	0.014	U	0.017	U	0.014	U
Pyrene	100	100	100	500	1,000	0.041	J	0.0093	U	**0.017**	J	0.0094	U F1	0.011	U	0.10	J
Total Conc	NA	NA	NA	NA	NA	**0.223**		**0.026**		**0.103**				**0.458**		**0.694**	
Total Estimated Conc. (TICs)	NA	NA	NA	NA	NA	**0.9**		**0.97**		**78.18**		**0.74**		**7.25**		**0.72**	

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-4 (0-2)**		**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**		**SB-6 (0-2)**		**SB-6 (10-12)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 13:00:00		11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00		12/01/2022 11:20:00		12/01/2022 11:30:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.015	J	0.012	U	0.012	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
1,4-Dioxane	0.1	9.8	13	130	250	0.033	U	0.030	U	0.030	U	0.032	U	0.031	U	0.031	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0068	U	0.0063	U	0.0063	U	0.0066	U	0.0063	U	0.0064	U
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	0.025	U	0.024	U	0.024	U	0.025	U	0.024	U	0.024	U
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	0.038	U	0.035	U	0.035	U	0.037	U	0.036	U	0.036	U
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	0.048	U	0.045	U	0.045	U	0.047	U	0.045	U	0.046	U
2,4-Dichlorophenol	NA	NA	NA	NA	NA	0.024	U	0.022	U	0.022	U	0.023	U	0.022	U	0.023	U
2,4-Dimethylphenol	NA	NA	NA	NA	NA	0.045	U	0.041	U	0.042	U	0.043	U	0.042	U	0.042	U
2,4-Dinitrophenol	NA	NA	NA	NA	NA	0.18	U *+	0.17	U *+	0.17	U *+	0.18	U	0.17	U	0.17	U
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	0.040	U	0.037	U	0.038	U	0.039	U	0.038	U	0.038	U
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	0.027	U	0.025	U	0.025	U	0.026	U	0.025	U	0.026	U
2-Chloronaphthalene	NA	NA	NA	NA	NA	0.017	U	0.016	U	0.016	U	0.017	U	0.016	U	0.016	U
2-Chlorophenol	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.013	U	0.012	U	0.013	U
2-Methylnaphthalene	NA	NA	NA	NA	NA	**0.010**	U	**0.0097**	U	0.0097	U	**0.037**	J	0.0098	U	0.042	J
2-Methylphenol	0.33	100	100	500	1,000	0.014	U	0.013	U	0.013	U	0.014	U	0.013	U	0.013	U
2-Nitroaniline	NA	NA	NA	NA	NA	0.028	U	0.027	U	0.027	U	0.028	U	0.027	U	0.027	U
2-Nitrophenol	NA	NA	NA	NA	NA	0.037	U	0.035	U	0.035	U	0.036	U	0.035	U	0.036	U
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	0.056	U	0.053	U	0.053	U	0.055	U	0.053	U	0.054	U
3-Nitroaniline	NA	NA	NA	NA	NA	0.089	U	0.083	U	0.083	U	0.086	U	0.083	U	0.084	U
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	0.15	U	0.14	U	0.14	U	0.15	U	0.14	U	0.15	U
4-Bromophenyl phenyl ether	NA	NA	NA	NA	NA	0.015	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
4-Chloroaniline	NA	NA	NA	NA	NA	0.066	U	0.062	U	0.062	U	0.065	U	0.062	U	0.063	U
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.013	U	0.012	U	0.013	U
4-Methylphenol	0.33	34	100	500	1,000	0.023	U	0.022	U	0.022	U	0.023	U	0.022	U	0.022	U
4-Nitroaniline	NA	NA	NA	NA	NA	0.043	U	0.040	U	0.040	U	0.042	U	0.040	U	0.041	U
4-Nitrophenol	NA	NA	NA	NA	NA	0.061	U	0.057	U	0.057	U	0.059	U	0.057	U	0.058	U
Acenaphthene	20	100	100	500	1,000	0.011	U	0.0099	U	0.0099	U	0.099	J	0.010	U	0.010	U
Acenaphthylene	100	100	100	500	1,000	**0.011**	U	**0.0099**	U	0.010	U	**0.021**	J	0.010	U	0.010	U
Acetophenone	NA	NA	NA	NA	NA	0.018	U	0.017	U	0.017	U	0.018	U	0.017	U	0.020	J
Anthracene	100	100	100	500	1,000	**0.011**	U	**0.011**	U	0.011	U	**0.23**	J	0.011	J	0.014	J
Atrazine	NA	NA	NA	NA	NA	0.022	U	0.020	U	0.021	U	0.021	U	0.021	U	0.021	U
Benzaldehyde	NA	NA	NA	NA	NA	0.062	U	0.057	U	0.058	U	0.060	U	0.058	U	0.059	U
Benzo[a]anthracene	1	1	1	5.6	11	**0.036**	J	**0.012**	U	0.012	U	**0.73**		0.032	J	0.044	
Benzo[a]pyrene	1	1	1	1	1.1	**0.034**	J	**0.0093**	U	0.0093	U	**0.63**		0.027	J	0.028	J
Benzo[b]fluoranthene	1	1	1	5.6	11	**0.039**		**0.0090**	U	0.0090	U	**0.77**		0.033	J	0.048	
Benzo[g,h,i]perylene	100	100	100	500	1,000	**0.027**	J	**0.010**	U	0.010	U	**0.44**		0.025	J	0.036	J
Benzo[k]fluoranthene	0.8	1	3.9	56	110	**0.019**	J	**0.0068**	U	0.0068	U	**0.32**		0.016	J	0.021	J
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA	0.029	U	0.027	U	0.027	U	0.028	U	0.027	U	0.028	U

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-4 (0-2)**		**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**		**SB-6 (0-2)**		**SB-6 (10-12)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 13:00:00		11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00		12/01/2022 11:20:00		12/01/2022 11:30:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.015	J	0.012	U	0.012	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
1,4-Dioxane	0.1	9.8	13	130	250	0.033	U	0.030	U	0.030	U	0.032	U	0.031	U	0.031	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0068	U	0.0063	U	0.0063	U	0.0066	U	0.0063	U	0.0064	U
Bis(2-chloroethyl)ether	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.013	U	0.012	U	0.012	U
Bis(2-ethylhexyl) phthalate	NA	NA	NA	NA	NA	**0.020**	U	**0.018**	U	**0.018**	U	**0.25**	J	**0.12**	J	**0.72**	
Butyl benzyl phthalate	NA	NA	NA	NA	NA	0.018	U	0.016	U	0.016	U	0.017	U	0.024	J	0.14	J
Caprolactam	NA	NA	NA	NA	NA	0.058	U	0.054	U	0.054	U	0.057	U	0.054	U	0.055	U
Carbazole	NA	NA	NA	NA	NA	0.014	U	0.013	U	0.013	U	0.096	J	0.013	U	0.014	J
Chrysene	1	1	3.9	56	110	**0.038**	J	**0.0059**	U	0.0059	U	**0.82**		0.031	J	0.055	J
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	0.016	U	0.015	U	0.015	U	0.11		0.015	U	0.015	U
Dibenzofuran	7	14	59	350	1,000	0.012	U	0.012	U	0.012	U	0.059	J	0.012	U	0.012	U
Diethyl phthalate	NA	NA	NA	NA	NA	0.012	U	0.011	U	0.011	U	0.012	U	0.011	U	0.011	U
Dimethyl phthalate	NA	NA	NA	NA	NA	0.085	U	0.079	U	0.079	U	0.083	U	0.079	U	0.081	U
Di-n-butyl phthalate	NA	NA	NA	NA	NA	0.014	U	0.013	U	0.013	U	0.014	U	0.013	U	0.030	J
Di-n-octyl phthalate	NA	NA	NA	NA	NA	0.020	U	0.018	U	0.018	U	0.019	U	0.019	U	0.019	U
Fluoranthene	100	100	100	500	1,000	**0.051**	J	**0.012**	U	0.012	U	**1.5**		0.059	J	0.10	J
Fluorene	30	100	100	500	1,000	**0.011**	U	**0.010**	U	0.010	U	**0.078**	J	0.010	U	0.010	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	0.018	U	0.017	U	0.017	U	0.017	U	0.017	U	0.017	U
Hexachlorobutadiene	NA	NA	NA	NA	NA	0.0079	U	0.0074	U	0.0074	U	0.0077	U	0.0074	U	0.0076	U
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	0.033	U	0.031	U	0.031	U	0.032	U	0.031	U	0.031	U
Hexachloroethane	NA	NA	NA	NA	NA	0.013	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	0.032	J	0.014	U	0.014	U	0.46		0.024	J	0.030	J
Isophorone	NA	NA	NA	NA	NA	0.11	U	0.10	U	0.10	U	0.11	U	0.10	U	0.10	U
Naphthalene	12	100	100	500	1,000	**0.0065**	U	**0.0060**	U	0.0060	U	**0.048**	J	0.0071	J	0.078	J
Nitrobenzene	NA	NA	NA	NA	NA	0.021	U	0.019	U	0.019	U	0.020	U	0.019	U	0.020	U
N-Nitrosodi-n-propylamine	NA	NA	NA	NA	NA	0.027	U	0.025	U	0.025	U	0.026	U	0.025	U	0.026	U
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	0.031	U	0.029	U	0.029	U	0.030	U	0.029	U	0.029	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.077	U	0.071	U	0.071	U	0.075	U	0.072	U	0.073	U
Phenanthrene	100	100	100	500	1,000	**0.026**	J	**0.0061**	U	0.0061	U	**1.5**		0.067	J	0.11	J
Phenol	0.33	100	100	500	1,000	0.014	U	0.013	U	0.013	U	0.013	U	0.013	U	0.035	J
Pyrene	100	100	100	500	1,000	**0.050**	J	**0.0086**	U	0.0087	U	**1.8**		0.055	J	0.11	J
Total Conc	NA	NA	NA	NA	NA	**0.352**						**10.013**		**0.5311**		**1.675**	
Total Estimated Conc. (TICs)	NA	NA	NA	NA	NA	**0.6**		**0.77**		**0.9**		**21.69**		**0.81**		**14.53**	

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-7 (0-2)		SB-8 (8-9)		SB-9 (8-9)		SB-9 (9-10)		SB-10 (0-2)		SB-10 (6-8)	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/30/2022 13:20:00		12/01/2022 12:10:00		11/28/2022 11:15:00		11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.014	U	0.013	U	0.014	U	0.016	J	0.013	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.013	U	0.011	U	0.012	U	0.014	U	0.012	U
1,4-Dioxane	0.1	9.8	13	130	250	0.034	U	0.036	U	0.032	U	0.034	U	0.038	U	0.033	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0070	U *+	0.0074	U	0.0066	U	0.0071	U	0.0080	U	0.0069	U
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	0.026	U	0.028	U	0.025	U	0.027	U	0.030	U	0.026	U
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	0.039	U	0.041	U	0.037	U	0.040	U	0.045	U	0.039	U
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	0.049	U	0.052	U	0.047	U	0.050	U	0.056	U	0.049	U
2,4-Dichlorophenol	NA	NA	NA	NA	NA	0.025	U	0.026	U	0.023	U	0.025	U	0.028	U	0.025	U
2,4-Dimethylphenol	NA	NA	NA	NA	NA	0.046	U	0.049	U	0.044	U	0.047	U	0.052	U	0.046	U
2,4-Dinitrophenol	NA	NA	NA	NA	NA	0.19	U	0.20	U	0.18	U *+	0.19	U *+	0.22	U *+	0.19	U *+
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	0.041	U	0.044	U	0.039	U	0.042	U	0.047	U	0.041	U
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	0.028	U	0.029	U	0.026	U	0.028	U	0.032	U	0.028	U
2-Chloronaphthalene	NA	NA	NA	NA	NA	0.018	U	0.019	U	0.017	U	0.018	U	0.020	U	0.018	U
2-Chlorophenol	NA	NA	NA	NA	NA	0.014	U	0.014	U	0.013	U	0.014	U	0.016	U	0.014	U
2-Methylnaphthalene	NA	NA	NA	NA	NA	0.011	U	0.011	U	0.010	U	0.015	J	0.21	J	0.076	J
2-Methylphenol	0.33	100	100	500	1,000	0.014	U	0.015	U	0.014	U	0.015	U	0.016	U	0.014	U
2-Nitroaniline	NA	NA	NA	NA	NA	0.029	U *+	0.031	U	0.028	U	0.030	U	0.033	U	0.029	U
2-Nitrophenol	NA	NA	NA	NA	NA	0.039	U	0.041	U	0.037	U	0.039	U	0.044	U	0.038	U
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	0.058	U	0.061	U	0.055	U	0.059	U	0.066	U	0.058	U
3-Nitroaniline	NA	NA	NA	NA	NA	0.091	U	0.097	U	0.087	U	0.093	U	0.10	U	0.091	U
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	0.16	U	0.17	U	0.15	U	0.16	U	0.18	U	0.16	U
4-Bromophenyl phenyl ether	NA	NA	NA	NA	NA	0.015	U	0.016	U	0.014	U	0.016	U	0.017	U	0.015	U
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	0.022	U	0.023	U	0.020	U	0.022	U	0.025	U	0.021	U
4-Chloroaniline	NA	NA	NA	NA	NA	0.068	U	0.072	U	0.065	U	0.070	U	0.078	U	0.068	U
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	NA	0.014	U	0.014	U	0.013	U	0.014	U	0.016	U	0.013	U
4-Methylphenol	0.33	34	100	500	1,000	0.024	U	0.025	U	0.023	U	0.025	U	0.027	U	0.024	U
4-Nitroaniline	NA	NA	NA	NA	NA	0.044	U	0.047	U	0.042	U	0.045	U	0.050	U	0.044	U
4-Nitrophenol	NA	NA	NA	NA	NA	0.063	U	0.066	U	0.060	U	0.064	U	0.072	U	0.062	U
Acenaphthene	20	100	100	500	1,000	0.011	U	0.012	U	0.010	U	0.011	U	0.017	J	0.011	U
Acenaphthylene	100	100	100	500	1,000	0.13	J	0.012	U	0.40		0.086	J	0.029	J	0.011	U
Acetophenone	NA	NA	NA	NA	NA	0.019	U	0.020	U	0.018	U	0.019	U	0.022	U	0.019	U
Anthracene	100	100	100	500	1,000	0.035	J	0.012	U	0.21	J	0.053	J	0.025	J	0.012	U
Atrazine	NA	NA	NA	NA	NA	0.023	U	0.024	U	0.021	U	0.023	U	0.026	U	0.023	U
Benzaldehyde	NA	NA	NA	NA	NA	0.064	U	0.067	U	0.060	U	0.065	U	0.073	U	0.063	U
Benzo[a]anthracene	1	1	1	5.6	11	0.80		0.022	J	2.6		0.36		0.031	J	0.019	J
Benzo[a]pyrene	1	1	1	1	1.1	0.82		0.011	U	2.3		0.32		0.015	J	0.010	U
Benzo[b]fluoranthene	1	1	1	5.6	11	1.1		0.011	U	3.0		0.39		0.026	J	0.012	J
Benzo[g,h,i]perylene	100	100	100	500	1,000	0.45		0.012	U	1.2		0.16	J	0.018	J	0.011	U
Benzo[k]fluoranthene	0.8	1	3.9	56	110	0.46		0.0080	U	1.2		0.20		0.0086	U	0.0075	U
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA	0.030	U	0.032	U	0.028	U	0.031	U	0.034	U	0.030	U

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-7 (0-2)**		**SB-8 (8-9)**		**SB-9 (8-9)**		**SB-9 (9-10)**		**SB-10 (0-2)**		**SB-10 (6-8)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/30/2022 13:20:00		12/01/2022 12:10:00		11/28/2022 11:15:00		11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																	
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.014	U	0.013	U	0.014	U	0.016	J	0.013	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.012	U	0.013	U	0.011	U	0.012	U	0.014	U	0.012	U
1,4-Dioxane	0.1	9.8	13	130	250	0.034	U	0.036	U	0.032	U	0.034	U	0.038	U	0.033	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0070	U *+	0.0074	U	0.0066	U	0.0071	U	0.0080	U	0.0069	U
Bis(2-chloroethyl)ether	NA	NA	NA	NA	NA	0.013	U	0.014	U	0.013	U	0.014	U	0.015	U	0.013	U
Bis(2-ethylhexyl) phthalate	NA	NA	NA	NA	NA	**0.048**	J	**0.13**	J	**0.068**	J	**0.023**	J	**0.46**		**0.15**	J
Butyl benzyl phthalate	NA	NA	NA	NA	NA	0.018	U	0.019	U	0.017	U	0.018	U	0.036	J	0.030	J
Caprolactam	NA	NA	NA	NA	NA	0.060	U	0.063	U	0.057	U	0.061	U	0.068	U	0.060	U
Carbazole	NA	NA	NA	NA	NA	0.015	U	0.015	U	0.027	J	0.015	U	0.017	U	0.015	U
Chrysene	1	1	3.9	56	110	0.59		0.014	J	2.1		0.31	J	0.019	J	0.0091	J
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	0.15		0.018	U	0.43		0.046		0.019	U	0.017	U
Dibenzofuran	7	14	59	350	1,000	0.013	U	0.014	U	0.012	U	0.013	U	0.021	J	0.013	U
Diethyl phthalate	NA	NA	NA	NA	NA	0.012	U	0.013	U	0.012	U	0.013	U	0.014	U	0.012	U
Dimethyl phthalate	NA	NA	NA	NA	NA	0.088	U	0.092	U	0.083	U	0.089	U	0.10	U	0.087	U
Di-n-butyl phthalate	NA	NA	NA	NA	NA	0.015	U	0.015	U	0.014	U	0.015	U	0.024	J	0.014	U
Di-n-octyl phthalate	NA	NA	NA	NA	NA	0.020	U	0.022	U	0.019	U	0.021	U	0.023	U	0.020	U
Fluoranthene	100	100	100	500	1,000	0.74		0.020	J	4.2		0.65		0.033	J	0.018	J
Fluorene	30	100	100	500	1,000	0.011	U	0.019	J	0.011	U	0.011	U	0.013	U	0.011	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	0.018	U	0.019	U	0.017	U	0.019	U	0.021	U	0.018	U
Hexachlorobutadiene	NA	NA	NA	NA	NA	0.0082	U	0.0087	U	0.0078	U	0.0084	U	0.0094	U	0.0081	U
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	0.034	U	0.036	U	0.032	U	0.034	U	0.039	U	0.034	U
Hexachloroethane	NA	NA	NA	NA	NA	0.013	U	0.014	U	0.013	U	0.013	U	0.015	U	0.013	U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	0.57		0.016	U	1.6		0.22		0.017	U	0.015	U
Isophorone	NA	NA	NA	NA	NA	0.11	U	0.12	U	0.11	U	0.11	U	0.13	U	0.11	U
Naphthalene	12	100	100	500	1,000	0.026	J	0.0070	U	0.032	J	0.0086	J	0.13	J	0.044	J
Nitrobenzene	NA	NA	NA	NA	NA	0.021	U	0.023	U	0.020	U	0.022	U	0.024	U	0.021	U
N-Nitrosodi-n-propylamine	NA	NA	NA	NA	NA	0.028	U	0.030	U	0.027	U	0.028	U	0.032	U	0.028	U
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	0.032	U	0.033	U	0.030	U	0.032	U	0.036	U	0.031	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.079	U	0.083	U	0.075	U	0.080	U	0.090	U	0.078	U
Phenanthrene	100	100	100	500	1,000	0.039	J	0.013	J	0.14	J	0.027	J	0.029	J	0.017	J
Phenol	0.33	100	100	500	1,000	0.014	U *+	0.015	U	0.013	U	0.014	U	0.016	U	0.014	U
Pyrene	100	100	100	500	1,000	0.98		0.030	J	4.2		0.63		0.042	J	0.020	J
Total Conc	NA	NA	NA	NA	NA	**6.938**		**0.248**		**23.707**		**3.4986**		**1.181**		**0.3951**	
Total Estimated Conc. (TICs)	NA	NA	NA	NA	NA	**7.06**		**1.45**		**9.46**		**0.96**		**50.8**		**32.96**	

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-10 (10-12)		UST-TP-1		UST-TP-2		DUP-01		DUP-02		FB-113022		FB-120122	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 08:27:00		11/30/2022 12:00:00		11/30/2022 12:17:00		11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																			
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.014	U	1.2	U	1.2	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.011	U	0.011	U	0.011	U	0.011	U	0.013	U	1.2	U	1.2	U
1,4-Dioxane	0.1	9.8	13	130	250	0.032	U	0.032	U	0.032	U	0.031	U	0.036	U	1.6	U	1.6	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0067	U	0.0066	U *+	0.0066	U *+	0.0063	U *+	0.0074	U	0.63	U	0.63	U
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	0.025	U	0.025	U	0.025	U	0.024	U	0.028	U	0.75	U	0.75	U
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	0.038	U	0.037	U	0.037	U	0.036	U	0.042	U	0.88	U	0.88	U
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	0.047	U	0.047	U	0.047	U	0.045	U	0.053	U	0.86	U	0.86	U
2,4-Dichlorophenol	NA	NA	NA	NA	NA	0.024	U	0.023	U	0.024	U	0.022	U	0.026	U	1.1	U	1.1	U
2,4-Dimethylphenol	NA	NA	NA	NA	NA	0.044	U	0.044	U	0.044	U	0.042	U	0.049	U	0.62	U	0.62	U
2,4-Dinitrophenol	NA	NA	NA	NA	NA	0.18	U *+	0.18	U F1 F2	0.18	U	0.17	U	0.20	U	2.6	U	2.6	U
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	0.040	U	0.039	U	0.039	U	0.038	U	0.044	U	1.0	U	1.0	U
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	0.027	U	0.026	U	0.026	U	0.025	U	0.030	U	0.83	U	0.83	U
2-Chloronaphthalene	NA	NA	NA	NA	NA	0.017	U	0.017	U	0.017	U	0.016	U	0.019	U	1.2	U	1.2	U
2-Chlorophenol	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.015	U	0.38	U	0.38	U
2-Methylnaphthalene	NA	NA	NA	NA	NA	0.010	U	0.010	U	0.017	J	0.0098	U	0.011	U	0.53	U	0.53	U
2-Methylphenol	0.33	100	100	500	1,000	0.014	U	0.014	U	0.034	J	0.013	U	0.015	U	0.67	U	0.67	U
2-Nitroaniline	NA	NA	NA	NA	NA	0.028	U	0.028	U F1 *+	0.028	U *+	0.027	U *+	0.031	U	0.47	U	0.47	U
2-Nitrophenol	NA	NA	NA	NA	NA	0.037	U	0.037	U	0.037	U	0.035	U	0.041	U	0.75	U	0.75	U
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	0.056	U	0.055	U	0.055	U	0.053	U	0.062	U	1.4	U	1.4	U
3-Nitroaniline	NA	NA	NA	NA	NA	0.088	U	0.087	U	0.087	U	0.083	U	0.098	U	1.9	U	1.9	U
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	0.15	U	0.15	U F1	0.15	U	0.14	U	0.17	U	3.0	U	3.0	U
4-Bromophenyl phenyl ether	NA	NA	NA	NA	NA	0.015	U	0.015	U	0.015	U	0.014	U	0.016	U	0.75	U	0.75	U
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	0.021	U	0.021	U	0.021	U	0.020	U	0.023	U	0.58	U	0.58	U
4-Chloroaniline	NA	NA	NA	NA	NA	0.065	U	0.065	U	0.065	U	0.062	U	0.073	U	1.9	U	1.9	U
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.015	U	1.3	U	1.3	U
4-Methylphenol	0.33	34	100	500	1,000	0.023	U	0.023	U	0.023	U	0.022	U	0.026	U	0.65	U	0.65	U
4-Nitroaniline	NA	NA	NA	NA	NA	0.042	U	0.042	U	0.042	U	0.040	U	0.047	U	1.2	U	1.2	U
4-Nitrophenol	NA	NA	NA	NA	NA	0.060	U	0.060	U	0.060	U	0.057	U	0.067	U	4.0	U	4.0	U
Acenaphthene	20	100	100	500	1,000	0.011	U	0.010	U	0.010	U	0.010	U	0.012	U	1.1	U	1.1	U
Acenaphthylene	100	100	100	500	1,000	0.011	U	0.010	U	0.010	U	0.010	U	0.012	U	0.82	U	0.82	U
Acetophenone	NA	NA	NA	NA	NA	0.018	U	0.018	U	0.018	U	0.017	U	0.020	U	2.3	U	2.3	U
Anthracene	100	100	100	500	1,000	0.011	U	0.014	J	0.021	J	0.011	U	0.013	U	1.3	U	1.3	U
Atrazine	NA	NA	NA	NA	NA	0.022	U	0.022	U	0.022	U	0.021	U	0.024	U	1.3	U	1.3	U
Benzaldehyde	NA	NA	NA	NA	NA	0.061	U	0.060	U	0.061	U	0.058	U	0.068	U	2.1	U	2.1	U
Benzo[a]anthracene	1	1	1	5.6	11	0.013	U	0.17	F1 F2	0.11		0.012	U	0.014	U	0.59	U	0.59	U
Benzo[a]pyrene	1	1	1	1	1.1	0.0098	U	0.16	F2	0.094		0.0093	U	0.011	U	0.41	U	0.41	U
Benzo[b]fluoranthene	1	1	1	5.6	11	0.0095	U	0.21	F1 F2	0.11		0.0091	U	0.011	U	0.68	U	0.68	U
Benzo[g,h,i]perylene	100	100	100	500	1,000	0.011	U	0.10	J F1	0.067	J	0.010	U	0.012	U	0.70	U	0.70	U
Benzo[k]fluoranthene	0.8	1	3.9	56	110	0.0072	U	0.084	F2	0.051		0.0069	U	0.0081	U	0.67	U	0.67	U
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA	0.029	U	0.028	U	0.029	U	0.027	U	0.032	U	0.59	U	0.59	U

Table 1b. SVOCs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-10 (10-12)**		**UST-TP-1**		**UST-TP-2**		**DUP-01**		**DUP-02**		**FB-113022**		**FB-120122**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 08:27:00		11/30/2022 12:00:00		11/30/2022 12:17:00		11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8270E																			
1,1'-Biphenyl	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.014	U	1.2	U	1.2	U
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.011	U	0.011	U	0.011	U	0.011	U	0.013	U	1.2	U	1.2	U
1,4-Dioxane	0.1	9.8	13	130	250	0.032	U	0.032	U	0.032	U	0.031	U	0.036	U	1.6	U	1.6	U
2,2'-oxybis[1-chloropropane]	NA	NA	NA	NA	NA	0.0067	U	0.0066	U *+	0.0066	U *+	0.0063	U *+	0.0074	U	0.63	U	0.63	U
Bis(2-chloroethyl)ether	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.014	U	0.63	U	0.63	U
Bis(2-ethylhexyl) phthalate	NA	NA	NA	NA	NA	**0.020**	U	**0.019**	U	**0.019**	U	**0.019**	U	**0.022**	U	**0.80**	U	**0.80**	U
Butyl benzyl phthalate	NA	NA	NA	NA	NA	0.017	U	0.017	U	0.017	U	0.016	U	0.019	U	0.85	U	0.85	U
Caprolactam	NA	NA	NA	NA	NA	0.057	U	0.057	U	0.057	U	0.054	U	0.064	U	2.2	U	2.2	U
Carbazole	NA	NA	NA	NA	NA	0.014	U	0.014	U	0.014	U	0.013	U	0.016	U	0.68	U	0.68	U
Chrysene	1	1	3.9	56	110	0.0062	U	0.20	J F1 F2	0.11	J	0.0059	U	0.0069	U	0.91	U	0.91	U
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	0.016	U	0.031	J	0.020	J	0.015	U	0.018	U	0.72	U	0.72	U
Dibenzofuran	7	14	59	350	1,000	0.012	U	0.012	U	0.012	U	0.012	U	0.014	U	1.1	U	1.1	U
Diethyl phthalate	NA	NA	NA	NA	NA	0.012	U	0.012	U	0.012	U	0.011	U	0.013	U	0.98	U	0.98	U
Dimethyl phthalate	NA	NA	NA	NA	NA	0.084	U	0.083	U	0.083	U	0.080	U	0.093	U	0.77	U	0.77	U
Di-n-butyl phthalate	NA	NA	NA	NA	NA	0.014	U	0.014	U	0.014	J	0.013	U	0.015	U	0.84	U	0.84	U
Di-n-octyl phthalate	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.019	U	0.019	U	0.022	U	0.75	U	0.75	U
Fluoranthene	100	100	100	500	1,000	0.013	U	0.23	J F1 F2	0.15	J	0.012	U	0.014	U	0.84	U	0.84	U
Fluorene	30	100	100	500	1,000	0.011	U	0.011	U	0.011	U	0.010	U	0.012	U	0.91	U	0.91	U
Hexachlorobenzene	0.33	0.33	1.2	6	12	0.018	U	0.017	U	0.017	U	0.017	U	0.020	U	0.40	U	0.40	U
Hexachlorobutadiene	NA	NA	NA	NA	NA	0.0078	U	0.0078	U	0.0078	U	0.0074	U	0.0087	U	0.78	U	0.78	U
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	0.032	U	0.032	U	0.032	U	0.031	U	0.036	U	3.6	U	3.6	U
Hexachloroethane	NA	NA	NA	NA	NA	0.013	U	0.013	U	0.013	U	0.012	U	0.014	U	0.80	U	0.80	U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	0.014	U	0.12		0.071		0.014	U	0.016	U	0.94	U	0.94	U
Isophorone	NA	NA	NA	NA	NA	0.11	U	0.11	U	0.11	U	0.10	U	0.12	U	0.80	U	0.80	U
Naphthalene	12	100	100	500	1,000	0.0075	J	0.016	J	0.021	J	0.0060	U	0.0071	U	0.54	U	0.54	U
Nitrobenzene	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.020	U	0.019	U	0.023	U	0.57	U	0.57	U
N-Nitrosodi-n-propylamine	NA	NA	NA	NA	NA	0.027	U	0.027	U	0.027	U	0.025	U	0.030	U	0.43	U	0.43	U
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	0.030	U	0.030	U	0.030	U	0.029	U	0.034	U	0.89	U	0.89	U
Pentachlorophenol	0.8	2.4	6.7	6.7	55	0.076	U	0.075	U	0.075	U	0.072	U	0.084	U	1.4	U	1.4	U
Phenanthrene	100	100	100	500	1,000	0.0065	U	0.090	J F1 F2	0.086	J	0.0061	U	0.0072	U	1.3	U	1.3	U
Phenol	0.33	100	100	500	1,000	0.014	U	0.013	U *+	0.013	U *+	0.013	U *+	0.015	U	0.29	U	0.29	U
Pyrene	100	100	100	500	1,000	0.0092	U	0.32	J F1 F2	0.20	J	0.0087	U	0.010	U	1.6	U	1.6	U
Total Conc	NA	NA	NA	NA	NA	**0.0075**		**1.745**		**1.176**									
Total Estimated Conc. (TICs)	NA	NA	NA	NA	NA	**2.05**		**1.76**		**2.3**		**1.1**		**0.78**		**0.0*T**		**0.0*T**	

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1c. Pesticides Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-1 (0-2)**		**SB-1 (6-8)**		**SB-1 (10-12)**		**SB-2 (0-2)**		**SB-2 (8-10)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8081B															
4,4'-DDD	0.0033	2.6	13	92	180	0.0013	U	0.0013	U	0.0012	U	0.0013	U	0.0015	U
4,4'-DDE	0.0033	1.8	8.9	62	120	0.00090	U	0.00089	U	0.00085	U	0.00090	U	0.0011	U
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0014	U	0.0014	U	0.0013	U	0.0014	U	0.0017	U
Aldrin	0.005	0.019	0.097	0.68	1.4	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0014	U
alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.00078	U	0.00076	U	0.00073	U	0.00077	U	0.00092	U
beta-BHC	0.036	0.072	0.36	3	14	0.00086	U	0.00084	U	0.00081	U	0.00085	U	0.0010	U
Chlordane (technical)	NA	NA	NA	NA	NA	0.019	U	0.018	U	0.017	U	0.018	U	0.022	U
delta-BHC	0.04	100	100	500	1000	0.00047	U	0.00046	U	0.00044	U	0.00046	U	0.00056	U
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.0010	U	0.00097	U	0.00094	U	0.00099	U	0.0012	U
Endosulfan I	2.4	4.8	24	200	920	0.0012	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U
Endosulfan II	2.4	4.8	24	200	920	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0023	U
Endosulfan sulfate	2.4	4.8	24	200	920	0.00096	U	0.00094	U	0.00090	U	0.00095	U	0.0011	U
Endrin	0.014	2.2	11	89	410	0.0011	U	0.0011	U	0.0010	U	0.0011	U	0.0013	U
Endrin aldehyde	NA	NA	NA	NA	NA	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0021	U
Endrin ketone	NA	NA	NA	NA	NA	0.0015	U	0.0015	U	0.0014	U	0.0015	U	0.0018	U
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	23	0.00071	U	0.00069	U	0.00067	U	0.00070	U	0.00084	U
Heptachlor	0.042	0.42	2.1	15	29	0.00090	U	0.00089	U	0.00085	U	0.00090	U	0.0011	U
Heptachlor epoxide	NA	NA	NA	NA	NA	0.0011	U	0.0011	U	0.0011	U	0.0011	U	0.0014	U
Methoxychlor	NA	NA	NA	NA	NA	0.0018	U	0.0017	U	0.0016	U	0.0017	U	0.0021	U
Toxaphene	NA	NA	NA	NA	NA	0.028	U	0.027	U	0.026	U	0.027	U	0.033	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

Table 1c. Pesticides Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-3 (0-2)**		**SB-4 (0-2)**		**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	12/01/2022 10:30:00		11/28/2022 13:00:00		11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8081B															
4,4'-DDD	0.0033	2.6	13	92	180	0.0013	U	0.0013	U	0.0012	U	0.0012	U	0.0013	U
4,4'-DDE	0.0033	1.8	8.9	62	120	0.00093	U	0.00089	U	0.00083	U	0.00083	U	0.0037	J
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0014	U	0.0014	U	0.0013	U	0.0013	U	0.0014	U
Aldrin	0.005	0.019	0.097	0.68	1.4	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.00080	U	0.00077	U	0.00071	U	0.00072	U	0.00075	U
beta-BHC	0.036	0.072	0.36	3	14	0.00088	U	0.00084	U	0.00079	U	0.00079	U	0.00083	U
Chlordane (technical)	NA	NA	NA	NA	NA	0.019	U	0.018	U	0.017	U	0.017	U	0.018	U
delta-BHC	0.04	100	100	500	1000	0.00048	U	0.00046	U	0.00043	U	0.00043	U	0.00045	U
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.0010	U	0.00098	U	0.00091	U	0.00092	U	0.00096	U
Endosulfan I	2.4	4.8	24	200	920	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Endosulfan II	2.4	4.8	24	200	920	0.0020	U	0.0019	U	0.0018	U	0.0018	U	0.0019	U
Endosulfan sulfate	2.4	4.8	24	200	920	0.00098	U	0.00095	U	0.00088	U	0.00088	U	0.00092	U
Endrin	0.014	2.2	11	89	410	0.0011	U	0.0011	U	0.0010	U	0.0010	U	0.0011	U
Endrin aldehyde	NA	NA	NA	NA	NA	0.0019	U	0.0018	U	0.0017	U	0.0017	U	0.0017	U
Endrin ketone	NA	NA	NA	NA	NA	0.0015	U	0.0015	U	0.0014	U	0.0014	U	0.0014	U
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	23	0.00073	U	0.00070	U	0.00065	U	0.00065	U	0.00068	U
Heptachlor	0.042	0.42	2.1	15	29	0.00093	U	0.00089	U	0.00083	U	0.00083	U	0.00087	U
Heptachlor epoxide	NA	NA	NA	NA	NA	0.0012	U	0.0011	U	0.0010	U	0.0011	U	0.0011	U
Methoxychlor	NA	NA	NA	NA	NA	0.0018	U	0.0017	U	0.0016	U	0.0016	U	0.0017	U
Toxaphene	NA	NA	NA	NA	NA	0.028	U	0.027	U	0.025	U	0.025	U	0.027	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

Table 1c. Pesticides Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-6 (0-2)**		**SB-6 (10-12)**		**SB-7 (0-2)**		**SB-8 (8-9)**		**SB-9 (8-9)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	12/01/2022 11:20:00		12/01/2022 11:30:00		11/30/2022 13:20:00		12/01/2022 12:10:00		11/28/2022 11:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8081B															
4,4'-DDD	0.0033	2.6	13	92	180	0.0012	U	0.0012	U	0.0013	U	0.0014	U	0.0013	U
4,4'-DDE	0.0033	1.8	8.9	62	120	0.00083	U	0.00085	U	0.00092	U	0.00097	U	0.00087	U
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0013	U	0.0013	U	0.0014	U	0.0015	U	0.0014	U
Aldrin	0.005	0.019	0.097	0.68	1.4	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.00072	U	0.00073	U	0.00079	U	0.00084	U	0.00075	U
beta-BHC	0.036	0.072	0.36	3	14	0.00079	U	0.00081	U	0.00087	U	0.00092	U	0.00083	U
Chlordane (technical)	NA	NA	NA	NA	NA	0.017	U	0.017	U	0.019	U	0.020	U	0.018	U
delta-BHC	0.04	100	100	500	1000	0.00043	U	0.00044	U	0.00048	U	0.00050	U	0.00045	U
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.00092	U	0.00094	U	0.0010	U	0.0011	U	0.00096	U
Endosulfan I	2.4	4.8	24	200	920	0.0011	U	0.0011	U	0.0012	U	0.0013	U	0.0011	U
Endosulfan II	2.4	4.8	24	200	920	0.0018	U	0.0019	U	0.0020	U	0.0021	U	0.0019	U
Endosulfan sulfate	2.4	4.8	24	200	920	0.00089	U	0.00090	U	0.00098	U	0.0010	U	0.00092	U
Endrin	0.014	2.2	11	89	410	0.0010	U	0.0010	U	0.0011	U	0.0012	U	0.0011	U
Endrin aldehyde	NA	NA	NA	NA	NA	0.0017	U	0.0017	U	0.0018	U	0.0019	U	0.0017	U
Endrin ketone	NA	NA	NA	NA	NA	0.0014	U	0.0014	U	0.0015	U	0.0016	U	0.0014	U
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	23	0.00065	U	0.00067	U	0.00072	U	0.00076	U	0.00068	U
Heptachlor	0.042	0.42	2.1	15	29	0.00083	U	0.00085	U	0.00092	U	0.00097	U	0.00087	U
Heptachlor epoxide	NA	NA	NA	NA	NA	0.0011	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
Methoxychlor	NA	NA	NA	NA	NA	0.0016	U	0.0016	U	0.0018	U	0.0019	U	0.0017	U
Toxaphene	NA	NA	NA	NA	NA	0.026	U	0.026	U	0.028	U	0.030	U	0.027	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

Table 1c. Pesticides Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-9 (9-10)**		**SB-10 (0-2)**		**SB-10 (6-8)**		**SB-10 (10-12)**		**UST-TP-1**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00		11/28/2022 08:27:00		11/30/2022 12:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8081B															
4,4'-DDD	0.0033	2.6	13	92	180	0.0013	U	0.0015	U	0.0013	U	0.0013	U	0.0013	U
4,4'-DDE	0.0033	1.8	8.9	62	120	0.00093	U	0.0010	U	0.00091	U	0.00088	U	0.00087	U
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0015	U	0.0016	U	0.0014	U	0.0014	U	0.0014	U
Aldrin	0.005	0.019	0.097	0.68	1.4	0.0012	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U
alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.00080	U	0.00090	U	0.00079	U	0.00076	U	0.00075	U
beta-BHC	0.036	0.072	0.36	3	14	0.00088	U	0.00099	U	0.00087	U	0.00084	U	0.00083	U
Chlordane (technical)	NA	NA	NA	NA	NA	0.019	U	0.021	U	0.019	U	0.018	U	0.018	U
delta-BHC	0.04	100	100	500	1000	0.00048	U	0.00054	U	0.00047	U	0.00046	U	0.00045	U
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.0010	U	0.0012	U	0.0010	U	0.00097	U	0.00096	U
Endosulfan I	2.4	4.8	24	200	920	0.0012	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U
Endosulfan II	2.4	4.8	24	200	920	0.0020	U	0.0023	U	0.0020	U	0.0019	U	0.0019	U
Endosulfan sulfate	2.4	4.8	24	200	920	0.00099	U	0.0011	U	0.00097	U	0.00094	U	0.00093	U
Endrin	0.014	2.2	11	89	410	0.0011	U	0.0013	U	0.0011	U	0.0011	U	0.0011	U
Endrin aldehyde	NA	NA	NA	NA	NA	0.0019	U	0.0021	U	0.0018	U	0.0018	U	0.0017	U
Endrin ketone	NA	NA	NA	NA	NA	0.0015	U	0.0017	U	0.0015	U	0.0015	U	0.0014	U
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	23	0.00073	U	0.00082	U	0.00072	U	0.00069	U	0.00068	U
Heptachlor	0.042	0.42	2.1	15	29	0.00093	U	0.0010	U	0.00091	U	0.00088	U	0.00087	U
Heptachlor epoxide	NA	NA	NA	NA	NA	0.0012	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U
Methoxychlor	NA	NA	NA	NA	NA	0.0018	U	0.0020	U	0.0018	U	0.0017	U	0.0017	U
Toxaphene	NA	NA	NA	NA	NA	0.029	U	0.032	U	0.028	U	0.027	U	0.027	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

Table 1c. Pesticides Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**UST-TP-2**		**DUP-01**		**DUP-02**		**FB-113022**		**FB-120122**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/30/2022 12:17:00		11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8081B															
4,4'-DDD	0.0033	2.6	13	92	180	0.0013	U	0.0012	U	0.0014	U	0.0060	U	0.0060	U
4,4'-DDE	0.0033	1.8	8.9	62	120	0.00087	U	0.00084	U	0.00098	U	0.0020	U	0.0020	U
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0014	U	0.0013	U	0.0015	U	0.0040	U	0.0040	U
Aldrin	0.005	0.019	0.097	0.68	1.4	0.0011	U	0.0011	U	0.0013	U	0.0030	U	0.0030	U
alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.00075	U	0.00072	U	0.00084	U	0.0070	U	0.0070	U
beta-BHC	0.036	0.072	0.36	3	14	0.00083	U	0.00079	U	0.00093	U	0.015	U	0.015	U
Chlordane (technical)	NA	NA	NA	NA	NA	0.018	U	0.017	U	0.020	U	0.055	U	0.055	U
delta-BHC	0.04	100	100	500	1000	0.00045	U	0.00043	U	0.00051	U	0.0050	U	0.0050	U
Dieldrin	0.005	0.039	0.2	1.4	2.8	0.00096	U	0.00092	U	0.0011	U	0.0030	U	0.0030	U
Endosulfan I	2.4	4.8	24	200	920	0.0011	U	0.0011	U	0.0013	U	0.0020	U	0.0020	U
Endosulfan II	2.4	4.8	24	200	920	0.0019	U	0.0018	U	0.0021	U	0.0040	U	0.0040	U
Endosulfan sulfate	2.4	4.8	24	200	920	0.00093	U	0.00089	U	0.0010	U	0.0060	U	0.0060	U
Endrin	0.014	2.2	11	89	410	0.0011	U	0.0010	U	0.0012	U	0.0040	U	0.0040	U
Endrin aldehyde	NA	NA	NA	NA	NA	0.0017	U	0.0017	U	0.0020	U	0.0080	U	0.0080	U
Endrin ketone	NA	NA	NA	NA	NA	0.0014	U	0.0014	U	0.0016	U	0.0080	U	0.0080	U
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2	23	0.00069	U	0.00066	U	0.00077	U	0.012	U	0.012	U
Heptachlor	0.042	0.42	2.1	15	29	0.00087	U	0.00084	U	0.00098	U	0.0030	U	0.0030	U
Heptachlor epoxide	NA	NA	NA	NA	NA	0.0011	U	0.0011	U	0.0012	U	0.0050	U	0.0050	U
Methoxychlor	NA	NA	NA	NA	NA	0.0017	U	0.0016	U	0.0019	U	0.0040	U	0.0040	U
Toxaphene	NA	NA	NA	NA	NA	0.027	U	0.026	U	0.030	U	0.11	U	0.11	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.

Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs

Table 1d. PCBs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-1 (0-2)**		**SB-1 (6-8)**		**SB-1 (10-12)**		**SB-2 (0-2)**		**SB-2 (8-10)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8082A															
Aroclor 1016	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1221	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1232	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1242	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1248	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1254	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1260	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor 1268	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Aroclor-1262	NA	NA	NA	NA	NA	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U
Total PCBs	0.1	1	1	1	25	0.020	U	0.020	U	0.019	U	0.020	U	0.024	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1d. PCBs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-3 (0-2)**		**SB-4 (0-2)**		**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	12/01/2022 10:30:00		11/28/2022 13:00:00		11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8082A															
Aroclor 1016	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1221	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1232	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1242	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1248	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1254	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1260	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor 1268	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Aroclor-1262	NA	NA	NA	NA	NA	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U
Total PCBs	0.1	1	1	1	25	0.021	U	0.020	U	0.019	U	0.019	U	0.020	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1d. PCBs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-6 (0-2)**		**SB-6 (10-12)**		**SB-7 (0-2)**		**SB-8 (8-9)**		**SB-9 (8-9)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	12/01/2022 11:20:00		12/01/2022 11:30:00		11/30/2022 13:20:00		12/01/2022 12:10:00		11/28/2022 11:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8082A															
Aroclor 1016	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1221	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1232	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1242	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1248	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1254	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1260	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor 1268	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Aroclor-1262	NA	NA	NA	NA	NA	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U
Total PCBs	0.1	1	1	1	25	0.019	U	0.019	U	0.021	U	0.022	U	0.020	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1d. PCBs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-9 (9-10)**		**SB-10 (0-2)**		**SB-10 (6-8)**		**SB-10 (10-12)**		**UST-TP-1**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00		11/28/2022 08:27:00		11/30/2022 12:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8082A															
Aroclor 1016	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1221	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1232	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1242	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1248	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1254	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1260	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor 1268	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Aroclor-1262	NA	NA	NA	NA	NA	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U
Total PCBs	0.1	1	1	1	25	0.021	U	0.024	U	0.021	U	0.020	U	0.020	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1d. PCBs Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**UST-TP-2**		**DUP-01**		**DUP-02**		**FB-113022**		**FB-120122**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/30/2022 12:17:00		11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 8082A															
Aroclor 1016	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U
Aroclor 1221	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U
Aroclor 1232	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U
Aroclor 1242	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U
Aroclor 1248	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U
Aroclor 1254	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.11	U	0.11	U
Aroclor 1260	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.11	U	0.11	U
Aroclor 1268	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.11	U	0.11	U
Aroclor-1262	NA	NA	NA	NA	NA	0.020	U	0.019	U	0.022	U	0.11	U	0.11	U
Total PCBs	0.1	1	1	1	25	0.020	U	0.019	U	0.022	U	0.12	U	0.12	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1e. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-1 (0-2)		SB-1 (6-8)		SB-1 (10-12)		SB-2 (0-2)		SB-2 (8-10)		SB-3 (0-2)	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/29/2022 13:00:00		11/29/2022 13:15:00		11/29/2022 13:30:00		12/01/2022 09:00:00		12/01/2022 09:15:00		12/01/2022 10:30:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 6020B(MG/KG)																	
Aluminum	NA	NA	NA	NA	NA	**14,600**		**9,630**		**7,540**		**14,000**		**9,350**		**7,360**	
Antimony	NA	NA	NA	NA	NA	0.14	U	0.13	U	0.16	U F1	0.13	U	0.16	U	0.15	J
Arsenic	13	16	16	16	16	**1.3**		**1.2**		**1.0**	J	**2.1**		**7.4**		**3.4**	
Barium	350	350	400	400	10000	**95.7**		**90.1**		**73.0**		**94.1**		**68.8**		**51.7**	
Beryllium	7.2	14	72	590	2700	**0.96**		**0.33**	J	**0.32**	J	**0.74**		**0.41**	J	**0.39**	
Cadmium	2.5	2.5	4.3	9.3	60	0.11	U	0.097	U	0.12	U	0.13	J	0.43	J	0.099	U
Calcium	NA	NA	NA	NA	NA	**13,200**		**3,210**		**9,460**		**6,830**	F2	**2,720**		**53,800**	
Chromium	NA	NA	NA	NA	NA	**29.1**		**37.3**		**36.9**		**34.4**		**31.3**		**21.2**	
Cobalt	NA	NA	NA	NA	NA	**8.3**		**9.1**		**6.1**		**10.8**		**15.1**		**5.7**	
Copper	50	270	270	270	10000	**8.7**		**24.6**		**16.7**		**19.1**		**21.4**		**17.2**	F1
Iron	NA	NA	NA	NA	NA	**16,900**		**14,300**		**11,800**		**20,400**		**17,700**		**13,600**	
Lead	63	400	400	1000	3900	**6.9**		**4.9**		**4.7**		**14.7**		**5.4**		**11.9**	F1
Magnesium	NA	NA	NA	NA	NA	**13,500**		**3860**		**4,390**		**7,050**		**5020**		**33,800**	
Manganese	1,600	2,000	2,000	10,000	10,000	**374**		**123**		**128**		**339**		**194**		**213**	
Nickel	30	140	310	310	10000	**15.3**		**19.5**		**13.7**		**21.3**		**32.2**		**11.9**	
Potassium	NA	NA	NA	NA	NA	**556**		**1710**		**1640**	F1	**1800**		**951**		**919**	
Selenium	3.9	36	180	1500	6800	**0.44**	J	**0.21**	J	**0.18**	J	**0.90**	J	**2.1**		**0.73**	J
Silver	2	36	180	1500	6800	0.083	U	0.076	U	0.096	U	0.082	U	0.095	U	0.078	U
Sodium	NA	NA	NA	NA	NA	**187**		**500**		**351**		**126**		**124**		**147**	
Thallium	NA	NA	NA	NA	NA	**0.17**	J	**0.16**	J	**0.15**	J	**0.22**	J	**0.22**	J	**0.13**	J
Vanadium	NA	NA	NA	NA	NA	**38.0**		**45.9**		**31.1**		**39.2**		**48.9**		**28.4**	
Zinc	109	2200	10000	10000	10000	**43.9**		**38.0**		**29.7**		**56.5**		**76.0**		**38.9**	
SOIL BY 7471B(MG/KG)																	
Mercury	0.18	0.81	0.81	2.8	5.7	**0.027**		**0.0079**	U	**0.012**	J	**0.064**	F1	**0.023**		**0.031**	
SOIL BY 7196A																	
Cr (VI) (mg/kg)	1	22	110	400	800	0.98	U	0.95	U	0.93	U	0.96	U	1.1	U	0.99	U
SOIL BY 9012B																	
Cyanide, Total (mg/kg)	27	27	27	27	10000	0.15	U	0.15	U	0.13	U	0.21	J	0.18	J	0.15	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1e. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	**SB-4 (0-2)**		**SB-4 (6-8)**		**SB-4 (10-12)**		**SB-5 (0-2)**		**SB-6 (0-2)**		**SB-6 (10-12)**	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 13:00:00		11/28/2022 13:15:00		11/28/2022 13:25:00		12/01/2022 10:59:00		44896.47222		44896.47222	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 6020B(MG/KG)																	
Aluminum	NA	NA	NA	NA	NA	**13,100**		**5,040**		**5,340**		**8,080**		**9,760**		**8,910**	
Antimony	NA	NA	NA	NA	NA	0.16	U	0.15	U	0.14	U	0.90		0.21	J	0.26	J
Arsenic	13	16	16	16	16	**2.0**		**0.36**	J	**2.0**		**1.4**		**1.6**		**1.9**	
Barium	350	350	400	400	10000	**63.1**		**38.2**		**40.6**		**42.1**		**56.2**		**57.9**	
Beryllium	7.2	14	72	590	2700	**1.0**		**0.16**	J	**0.20**	J	**0.38**		**0.37**		**0.35**	
Cadmium	2.5	2.5	4.3	9.3	60	0.13	J	0.11	U	0.11	U	0.15	J	0.15	J	0.19	J
Calcium	NA	NA	NA	NA	NA	**23,500**		**722**		**31,000**		**54,500**		**7,840**		**7,870**	
Chromium	NA	NA	NA	NA	NA	**20.6**		**15.2**		**16.5**		**19.1**		**30.0**		**40.4**	
Cobalt	NA	NA	NA	NA	NA	**8.0**		**3.5**		**2.6**		**4.9**		**7.9**		**9.3**	
Copper	50	270	270	270	10000	**17.3**		**4.2**		**8.4**		**10.8**		**21.1**		**32.4**	
Iron	NA	NA	NA	NA	NA	**19,800**		**5,300**		**6,970**		**11,500**		**16,000**		**17,000**	
Lead	63	400	400	1000	3900	**23.2**		**1.8**		**4.7**		**20.5**		**31.7**		**25.8**	
Magnesium	NA	NA	NA	NA	NA	**19,800**		**1,660**		**2,190**		**31,200**		**5,600**		**4,590**	
Manganese	1,600	2,000	2,000	10,000	10,000	**588**		**46.0**		**114**		**217**		**211**		**224**	
Nickel	30	140	310	310	10000	**15.2**		**7.9**		**6.8**		**11.9**		**19.2**		**18.5**	
Potassium	NA	NA	NA	NA	NA	**1240**		**439**		**1290**		**758**		**1660**		**1210**	
Selenium	3.9	36	180	1500	6800	**0.16**	J	**0.13**	U	**0.22**	J	**0.17**	J	**0.11**	U	**0.11**	U
Silver	2	36	180	1500	6800	0.095	U	0.089	U	0.086	U	0.077	U	0.075	U	0.074	U
Sodium	NA	NA	NA	NA	NA	**279**		**234**		**725**		**181**		**432**		**321**	
Thallium	NA	NA	NA	NA	NA	**0.18**	J	**0.049**	J	**0.070**	J	**0.10**	J	**0.15**	J	**0.12**	J
Vanadium	NA	NA	NA	NA	NA	**28.6**		**10.3**		**12.5**		**20.3**		**30.7**		**28.3**	
Zinc	109	2200	10000	10000	10000	**71.4**		**16.1**		**16.5**		**34.7**		**73.5**		**83.3**	
SOIL BY 7471B(MG/KG)																	
Mercury	0.18	0.81	0.81	2.8	5.7	**0.086**		**0.011**	J	**0.012**	J	**0.043**		**0.027**		**0.039**	
SOIL BY 7196A																	
Cr (VI) (mg/kg)	1	22	110	400	800	0.97	U	0.89	U	0.88	U	0.92	U	0.90	U	0.90	U
SOIL BY 9012B																	
Cyanide, Total (mg/kg)	27	27	27	27	10000	0.14	U	0.14	U	0.12	U	0.52		0.14	U	0.40	

Notes:
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*NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCOs) Unrestricted Use and Restricted-Residential.
Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1e. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-7 (0-2)		SB-8 (8-9)		SB-9 (8-9)		SB-9 (9-10)		SB-10 (0-2)		SB-10 (6-8)	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/30/2022 13:20:00		12/01/2022 12:10:00		11/28/2022 11:15:00		11/28/2022 11:30:00		11/28/2022 08:00:00		11/28/2022 08:15:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 6020B(MG/KG)																	
Aluminum	NA	NA	NA	NA	NA	**10,700**		**5,460**		**3,690**		**2,740**		**18,100**		**7,130**	
Antimony	NA	NA	NA	NA	NA	0.17	U	0.21	J	0.15	U	0.17	U	0.18	U	0.16	U
Arsenic	13	16	16	16	16	**4.1**		**1.8**		**1.4**		**0.65**	J	**1.4**		**1.6**	
Barium	350	350	400	400	10000	**62.3**		**50.3**		**29.4**		**20.6**		**59.3**		**50.1**	
Beryllium	7.2	14	72	590	2700	**0.48**		**0.21**	J	**0.16**	J	**0.10**	J	**0.54**		**0.30**	J
Cadmium	2.5	2.5	4.3	9.3	60	0.13	U	0.48	J	0.11	U	0.13	U	0.14	U	0.12	U
Calcium	NA	NA	NA	NA	NA	**7,520**		**15,400**		**11,800**		**10,800**		**1,700**		**1,090**	
Chromium	NA	NA	NA	NA	NA	**23.0**		**16.5**		**12.0**		**9.9**		**26.2**		**20.9**	
Cobalt	NA	NA	NA	NA	NA	**6.6**		**5.0**		**3.7**		**2.7**		**6.6**		**5.5**	
Copper	50	270	270	270	10000	**14.4**		**20.2**		**10.8**		**7.6**		**16.3**		**12.9**	
Iron	NA	NA	NA	NA	NA	**16,900**		**10,500**		**7,420**		**6,080**		**14,800**		**13,900**	
Lead	63	400	400	1000	3900	**62.1**		**18.6**		**14.0**		**2.7**		**9.2**		**3.1**	
Magnesium	NA	NA	NA	NA	NA	**4,230**		**7,240**		**3,270**		**7,030**		**4,050**		**2,950**	
Manganese	1,600	2,000	2,000	10,000	10,000	**127**		**278**		**168**		**152**		**96.2**		**112**	
Nickel	30	140	310	310	10000	**16.6**		**18.1**		**8.6**		**7.4**		**14.7**		**13.4**	
Potassium	NA	NA	NA	NA	NA	**787**		**1370**		**1100**		**714**		**888**		**941**	
Selenium	3.9	36	180	1500	6800	**0.37**	J	**0.12**	J	**0.13**	U	**0.15**	U	**0.16**	J	**0.14**	U
Silver	2	36	180	1500	6800	0.10	U	0.082	U	0.090	U	0.10	U	0.11	U	0.097	U
Sodium	NA	NA	NA	NA	NA	**468**		**188**		**145**		**145**		**860**		**257**	
Thallium	NA	NA	NA	NA	NA	**0.19**	J	**0.11**	J	**0.078**	J	**0.059**	J	**0.19**	J	**0.12**	J
Vanadium	NA	NA	NA	NA	NA	**63.5**		**21.3**		**13.0**		**9.7**		**30.1**		**23.5**	
Zinc	109	2200	10000	10000	10000	**142**		**58.0**		**23.0**		**14.8**		**53.0**		**35.4**	
SOIL BY 7471B(MG/KG)																	
Mercury	0.18	0.81	0.81	2.8	5.7	**0.045**		**0.013**	J	**0.034**		**0.011**	J	**0.030**		**0.012**	J
SOIL BY 7196A																	
Cr (VI) (mg/kg)	1	22	110	400	800	0.99	U	1.0	U	0.94	U	1.0	U	1.1	U	0.98	U
SOIL BY 9012B																	
Cyanide, Total (mg/kg)	27	27	27	27	10000	0.15	U	0.16	U	0.14	U	0.14	U	0.17	U	0.15	U

Notes:
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Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
Exceeds NYSDEC Restricted Residential SCOs
Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 1e. Metals Soil Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	NYSDEC 375-6*	SB-10 (10-12)		UST-TP-1		UST-TP-2		DUP-01		DUP-02		FB-113022		FB-120122	
Sample Date/Time	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	Soil Cleanup Obj	11/28/2022 08:27:00		11/30/2022 12:00:00		11/30/2022 12:17:00		11/29/2022 00:00:00		12/01/2022 00:00:00		11/30/2022 14:00:00		12/01/2022 14:00:00	
Matrix	UnRestricted Use	Restricted Use	Restricted Use	Restricted Use	Restricted Use	Soil		Soil		Soil		Soil		Soil		Water		Water	
Dilution Factor		Residential	Restricted Resid	Commercial	Industrial	1		1		1		1		1		1		1	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		ug/l		ug/l	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOIL BY 6020B(MG/KG)																			
Aluminum	NA	NA	NA	NA	NA	**4,450**		**9,250**		**6,720**		**9,140**		**3,050**		**19.5**	U	**19.5**	U
Antimony	NA	NA	NA	NA	NA	0.15	U	0.16	U	0.16	U	0.14	U	0.13	U	0.76	U	0.76	U
Arsenic	13	16	16	16	16	**1.0**		**1.4**		**1.4**		**1.9**		**0.83**	J	**0.89**	U	**0.89**	U
Barium	350	350	400	400	10000	**28.7**		**57.0**		**49.8**		**74.9**		**23.1**		**0.91**	U	**0.91**	U
Beryllium	7.2	14	72	590	2700	**0.15**	J	**0.38**	J	**0.17**	J	**0.41**		**0.13**	J	**0.13**	U	**0.13**	U
Cadmium	2.5	2.5	4.3	9.3	60	0.12	U	0.38	J	0.25	J	0.11	U	0.10	U	0.39	U	0.39	U
Calcium	NA	NA	NA	NA	NA	**11,500**		**3,350**		**599**		**2,180**		**14,000**		**53.6**	U	**53.6**	U
Chromium	NA	NA	NA	NA	NA	**14.7**		**23.0**		**21.7**		**35.0**		**11.5**		**2.5**	U	**2.5**	U
Cobalt	NA	NA	NA	NA	NA	**4.0**		**7.2**		**4.3**		**8.0**		**3.2**		**0.71**	U	**0.71**	U
Copper	50	270	270	270	10000	**11.8**		**18.1**		**12.2**		**18.4**		**8.6**		**2.5**	U	**2.5**	U
Iron	NA	NA	NA	NA	NA	**8,820**		**16,700**		**40,600**		**15,100**		**8,100**		**58.2**	U	**58.2**	U
Lead	63	400	400	1000	3900	**2.6**		**20.6**		**17.1**		**5.3**		**3.7**		**0.84**	U	**0.84**	U
Magnesium	NA	NA	NA	NA	NA	**6,970**		**4,810**		**3360**		**5,230**		**9,240**		**46.9**	U	**46.9**	U
Manganese	1,600	2,000	2,000	10,000	10,000	**175**		**179**		**98.5**		**119**		**284**		**1.5**	U	**1.5**	U
Nickel	30	140	310	310	10000	**10.1**		**17.2**		**10.8**		**19.7**		**8.8**		**0.91**	U	**0.91**	U
Potassium	NA	NA	NA	NA	NA	**1530**		**1520**		**977**		**1550**		**783**		**112**	U	**112**	U
Selenium	3.9	36	180	1500	6800	**0.13**	U	**0.16**	J	**0.17**	J	**0.34**	J	**0.12**	U	**0.59**	U	**0.59**	U
Silver	2	36	180	1500	6800	0.093	U	0.095	U	0.096	U	0.087	U	0.082	U	0.29	U	0.29	U
Sodium	NA	NA	NA	NA	NA	**195**		**674**		**94.4**	J	**322**		**156**		**163**	U	**163**	U
Thallium	NA	NA	NA	NA	NA	**0.084**	J	**0.14**	J	**0.12**	J	**0.15**	J	**0.076**	J	**0.21**	U	**0.21**	U
Vanadium	NA	NA	NA	NA	NA	**16.2**		**29.1**		**26.3**		**34.7**		**14.5**		**0.68**	U	**0.68**	U
Zinc	109	2200	10000	10000	10000	**24.1**		**347**		**327**		**55.6**		**19.6**		**6.5**	U	**6.5**	U
SOIL BY 7471B(MG/KG)																			
Mercury	0.18	0.81	0.81	2.8	5.7	**0.012**	J	**0.033**		**0.0090**	J	**0.0082**	U	**0.015**	J	**0.091**	U	**0.091**	U
SOIL BY 7196A																			
Cr (VI) (mg/kg)	1	22	110	400	800	0.95	U	0.93	U	0.95	U	0.89	U	1.0	U	8.1	U	8.1	U
SOIL BY 9012B																			
Cyanide, Total (mg/kg)	27	27	27	27	10000	0.15	U	3.0		0.15	U	0.14	U	0.16	U	4.0	U	4.0	U

Notes:
U : Indicates the analyte was analyzed for but not detected.
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Exceeds NYSDEC Industrial SCOs
Exceeds NYSDEC Commercial SCOs
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Exceeds NYSDEC Residential SCOs
Exceeds NYSDEC Unrestricted Use SCOs
*- : LCS and/or LCSD is outside acceptance limits, low biased
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.

Table 2a. VOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		**TB-120622**		
Sample Date/Time	Standards and	12/6/2022 10:30		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		12/06/2022 00:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		1		
Unit		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8260D																
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31
1,1,2-Trichloroethane	1	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26
1,1-Dichloroethene	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26
1,2,3-Trichlorobenzene	NA	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36
1,2,4-Trichlorobenzene	NA	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37
1,2-Dibromo-3-Chloropropane	0.04	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38
1,2-Dichlorobenzene	3	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35
1,3-Dichlorobenzene	3	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34
1,4-Dichlorobenzene	3	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9
2-Hexanone	50	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1
4-Methyl-2-pentanone (MIBK)	NA	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3
Acetone	50	4.4	U	4.4	U	4.4	U	4.4	U	**5.1**		4.4	U	4.4	U	4.4
Benzene	1	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54
Bromomethane	5	0.55	U	0.55	U *1	0.55	U *1	0.55	U *1	0.55	U *1	0.55	U	0.55	U	0.55
Carbon disulfide	NA	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41
Chlorodibromomethane	50	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32

Table 2a. VOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		**TB-120622**		
Sample Date/Time	Standards and	12/6/2022 10:30		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		12/06/2022 00:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		1		
Unit		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8260D																
Chloroform	7	**3.2**		**1.1**		0.33	U	0.33	U	**3.0**		0.33	U	0.33	U	0.33
Chloromethane	5	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40
cis-1,2-Dichloroethene	5	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22
cis-1,3-Dichloropropene	NA	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22
Cyclohexane	NA	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32
Dichlorobromomethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34
Dichlorodifluoromethane	5	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31
Ethylbenzene	5	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30
Ethylene Dibromide	0.0006	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50
Isopropylbenzene	5	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34
Methyl acetate	NA	0.79	U	0.79	U *+	0.79	U *+	0.79	U *+	0.79	U *+	0.79	U	0.79	U	0.79
Methyl tert-butyl ether	NA	0.22	U	0.22	J F1 *-	0.22	U *-	0.22	U *-	0.22	U *-	0.22	U	0.22	U	0.22
Methylcyclohexane	NA	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71
Methylene Chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32
m-Xylene & p-Xylene	NA	0.30	U	0.30	U	0.30	U	**0.47**	J	0.30	U	0.30	U	0.30	U	0.30
o-Xylene	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36
Styrene	930	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42
Tetrachloroethene	5	0.25	U	0.25	U	**0.62**	J	0.25	U	0.25	U	0.25	U	0.25	U	0.25
Toluene	5	0.38	U	0.38	U	**0.39**	J	**0.59**	J	0.38	U	0.38	U	0.38	U	0.38
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24
trans-1,3-Dichloropropene	NA	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22
Trichloroethene	5	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31
Trichlorofluoromethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17
WATER BY 8015D																
GRO	NA	25	U	25	U	25	U	25	U	25	U	25	U			

Notes:
*: Division of Water Technical Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.
U : Indicates the analyte was analyzed for but not detected.
*T There are no TICs reported for the sample.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values
NA: No Applicable Guidance Value.

Table 2b. SVOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	MW-1		MW-2		MW-3		MW-4		DUP-01 GW		FB-120622		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		
Unit	ug/l	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8270E														
1,1'-Biphenyl	5	1.2	U	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2
1,2,4,5-Tetrachlorobenzene	NA	1.2	U	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2
1,4-Dioxane	NA	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6
2,2'-oxybis[1-chloropropane]	10	0.63	U	0.63	U F2	0.63	U	0.63	U	0.63	U	0.63	U	0.63
2,3,4,6-Tetrachlorophenol	NA	0.75	U	0.75	U F1	0.75	U	0.75	U	0.75	U	0.75	U	0.75
2,4,5-Trichlorophenol	NA	0.88	U	0.88	U F1	0.88	U	0.88	U	0.88	U	0.88	U	0.88
2,4,6-Trichlorophenol	NA	0.86	U	0.86	U F1	0.86	U	0.86	U	0.86	U	0.86	U	0.86
2,4-Dichlorophenol	5	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1
2,4-Dimethylphenol	NA	0.62	U	0.62	U	0.62	U	0.62	U	0.62	U	0.62	U	0.62
2,4-Dinitrophenol	5	2.6	U	2.6	U F1	2.6	U	2.6	U	2.6	U	2.6	U	2.6
2,4-Dinitrotoluene	NA	1.0	U	1.0	U F1	1.0	U	1.0	U	1.0	U	1.0	U	1.0
2,6-Dinitrotoluene	NA	0.83	U	0.83	U F1	0.83	U	0.83	U	0.83	U	0.83	U	0.83
2-Chloronaphthalene	NA	1.2	U	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2
2-Chlorophenol	NA	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38
2-Methylnaphthalene	5	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53
2-Methylphenol	NA	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67
2-Nitroaniline	NA	0.47	U	0.47	U F1	0.47	U	0.47	U	0.47	U	0.47	U	0.47
2-Nitrophenol	5	0.75	U	0.75	U F2	0.75	U	0.75	U	0.75	U	0.75	U	0.75
3,3'-Dichlorobenzidine	5	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4
3-Nitroaniline	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9
4,6-Dinitro-2-methylphenol	NA	3.0	U	3.0	U F2 F1	3.0	U	3.0	U	3.0	U	3.0	U	3.0
4-Bromophenyl phenyl ether	NA	0.75	U	0.75	U F1	0.75	U	0.75	U	0.75	U	0.75	U	0.75
4-Chloro-3-methylphenol	5	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U	0.58
4-Chloroaniline	NA	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9
4-Chlorophenyl phenyl ether	NA	1.3	U	1.3	U F1	1.3	U	1.3	U	1.3	U	1.3	U	1.3
4-Methylphenol	5	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65
4-Nitroaniline	NA	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2
4-Nitrophenol	NA	4.0	U	4.0	U F2 F1	4.0	U	4.0	U	4.0	U	4.0	U	4.0
Acenaphthene	20	1.1	U	1.1	U F1	1.1	U	1.1	U	1.1	U	1.1	U	1.1
Acenaphthylene	NA	0.82	U	0.82	U F1	0.82	U	0.82	U	0.82	U	0.82	U	0.82
Acetophenone	NA	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3
Anthracene	50	1.3	U	1.3	U F1	1.3	U	1.3	U	1.3	U	1.3	U	1.3
Atrazine	7.5	1.3	U	1.3	U F1	1.3	U	1.3	U	1.3	U	1.3	U	1.3
Benzaldehyde	NA	2.1	U	2.1	U F1	2.1	U	2.1	U	2.1	U	2.1	U	2.1
Benzo[a]anthracene	0.002	0.59	U	0.59	U F1	0.59	U	0.59	U	0.59	U	0.59	U	0.59
Benzo[a]pyrene	NA	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41
Benzo[b]fluoranthene	0.002	0.68	U	0.68	U F1	0.68	U	0.68	U	0.68	U	0.68	U	0.68

Table 2b. SVOCs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		
Unit	ug/l	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8270E														
1,1'-Biphenyl	5	1.2	U	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2
1,2,4,5-Tetrachlorobenzene	NA	1.2	U	1.2	U F1	1.2	U	1.2	U	1.2	U	1.2	U	1.2
1,4-Dioxane	NA	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6
Benzo[g,h,i]perylene	NA	0.70	U	0.70	U F1	0.70	U	0.70	U	0.70	U	0.70	U	0.70
Benzo[k]fluoranthene	0.002	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67
Bis(2-chloroethoxy)methane	5	0.59	U	0.59	U F1	0.59	U	0.59	U	0.59	U	0.59	U	0.59
Bis(2-chloroethyl)ether	1	0.63	U	0.63	U F1	0.63	U	0.63	U	0.63	U	0.63	U	0.63
Bis(2-ethylhexyl) phthalate	5	0.80	U	0.80	U F1	0.80	U	0.80	U	0.80	U	0.80	U	0.80
Butyl benzyl phthalate	50	0.85	U	0.85	U F1	0.85	U	0.85	U	0.85	U	0.85	U	0.85
Caprolactam	NA	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2
Carbazole	NA	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	0.68
Chrysene	0.002	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U	0.91
Dibenz(a,h)anthracene	50	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72
Dibenzofuran	50	1.1	U	1.1	U F1	1.1	U	1.1	U	1.1	U	1.1	U	1.1
Diethyl phthalate	NA	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98
Dimethyl phthalate	NA	0.77	U	0.77	U F1	0.77	U	0.77	U	0.77	U	0.77	U	0.77
Di-n-butyl phthalate	50	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84
Di-n-octyl phthalate	50	0.75	U	0.75	U F2	0.75	U	0.75	U	0.75	U	0.75	U	0.75
Fluoranthene	50	0.84	U	0.84	U F1	0.84	U	0.84	U	0.84	U	0.84	U	0.84
Fluorene	50	0.91	U	0.91	U F1	0.91	U	0.91	U	0.91	U	0.91	U	0.91
Hexachlorobenzene	0.04	0.40	U	0.40	U F1	0.40	U	0.40	U	0.40	U	0.40	U	0.40
Hexachlorobutadiene	0.5	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	0.78
Hexachlorocyclopentadiene	5	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U	3.6
Hexachloroethane	5	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80
Indeno[1,2,3-cd]pyrene	0.002	0.94	U	0.94	U F1	0.94	U	0.94	U	0.94	U	0.94	U	0.94
Isophorone	50	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80
Naphthalene	NA	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54
Nitrobenzene	50	0.57	U	0.57	U F1	0.57	U	0.57	U	0.57	U	0.57	U	0.57
N-Nitrosodi-n-propylamine	10	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43
N-Nitrosodiphenylamine	0.4	0.89	U	0.89	U F1	0.89	U	0.89	U	0.89	U	0.89	U	0.89
Pentachlorophenol	NA	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4
Phenanthrene	50	1.3	U	1.3	U F1	1.3	U	1.3	U	1.3	U	1.3	U	1.3
Phenol	NA	0.29	U	0.29	U F2	0.29	U	0.29	U	0.29	U	0.29	U	0.29
Pyrene	50	1.6	U *+	1.6	U F2 F1 *+	1.6	U *+	1.6	U *+	1.6	U *+	1.6	U *+	1.6
Total Conc														
Total Estimated Conc. (TICs)	NA	0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		

Notes:
*: Division of Water Technical Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.
U : Indicates the analyte was analyzed for but not detected.
*T There are no TICs reported for the sample.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values
NA: No Applicable Guidance Value.

Table 2c. Pesticides Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		
Unit	ug/l	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8081B														
4,4'-DDD	0.3	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060
4,4'-DDE	0.2	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020
4,4'-DDT	0.2	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040
Aldrin	NA	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030
alpha-BHC	0.01	0.0070	U	0.0070	U	0.0070	U	0.0070	U	0.0070	U	0.0070	U	0.0070
beta-BHC	0.04	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015
Chlordane (technical)	0.05	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055
delta-BHC	0.04	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050
Dieldrin	0.004	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030
Endosulfan I	NA	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020
Endosulfan II	NA	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040
Endosulfan sulfate	NA	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060	U	0.0060
Endrin	NA	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040
Endrin aldehyde	5	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080
Endrin ketone	5	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080	U	0.0080
gamma-BHC (Lindane)	0.05	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012
Heptachlor	0.04	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030
Heptachlor epoxide	0.03	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050
Methoxychlor	35	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040
Toxaphene	0.06	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11

Notes:
*: Division of Water Technical Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.
U : Indicates the analyte was analyzed for but not detected.
*T There are no TICs reported for the sample.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values
NA: No Applicable Guidance Value.

Table 2d. PCBs Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		1		1		
Unit	ug/l	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 8082A														
Aroclor 1016	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12
Aroclor 1221	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12
Aroclor 1232	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12
Aroclor 1242	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12
Aroclor 1248	NA	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12
Aroclor 1254	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11
Aroclor 1260	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11
Aroclor 1268	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11
Aroclor-1262	NA	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11
Total PCBs	0.09	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12

Notes:
*: Division of Water Technical Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits.
U : Indicates the analyte was analyzed for but not detected.
*T There are no TICs reported for the sample.
*+ : LCS and/or LCSD is outside acceptance limits, high biased.
*- : LCS and/or LCSD is outside acceptance limits, low biased.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Exceeds NYSDEC TOGS 1.1.1 Guidance Values

Table 2e. Metals Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Unit	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 6020B														
Aluminum	NA	**14,700**		**13,900**		**9,350**		**69,200**		**40,600**		19.5	U	19.5
Aluminum, Dissolved	NA	19.5	U	19.5	U	19.5	U	19.5	U	19.5	U	**71.9**		19.5
Antimony	3	0.76	U	0.76	U	0.76	U	0.76	U	0.76	U	0.76	U	0.76
Antimony, Dissolved	3	**1.1**	J	**1.3**	J	0.76	U	0.76	U	0.76	U	0.76	U	0.76
Arsenic	25	**8.3**		**6.2**		**4.1**		**30.2**		**14.5**		0.89	U	0.89
Arsenic, Dissolved	25	0.89	U	0.89	U	0.89	U	0.89	U	0.89	U	0.89	U	0.89
Barium	1,000	**231**		**278**		**331**		**728**		**517**		0.91	U	0.91
Barium, Dissolved	1,000	**48.0**		**50.7**		**80.5**		**75.0**		**49.5**		0.91	U	0.91
Beryllium	3	**0.56**	J	**0.55**	J	**0.42**	J	**3.5**		**1.6**		0.13	U	0.13
Beryllium, Dissolved	3	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13
Cadmium	5	**0.54**	J	**0.53**	J	**0.64**	J	**1.4**	J	**1.1**	J	0.39	U	0.39
Cadmium, Dissolved	5	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39
Calcium	NA	**90,500**		**118,000**	F2	**110,000**		**99,900**		**119,000**		53.6	U	53.6
Calcium, Dissolved	NA	**64,000**		**69,600**		**77,900**		**81,100**		**65,000**		53.6	U	53.6
Chromium	50	**72.7**		**74.4**	F1	**32.3**		**467**		**196**		2.5	U	2.5
Chromium, Dissolved	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5
Cobalt	NA	**22.1**		**19.5**	F1	**20.0**		**81.0**		**55.1**		0.71	U	0.71
Cobalt, Dissolved	NA	0.71	U	0.71	U	0.71	U	**1.6**	J	0.71	U	0.71	U	0.71
Copper	200	**87.3**		**144**	F1	**60.7**		**339**		**201**		2.5	U	2.5
Copper, Dissolved	200	2.5	U	**2.9**	J	2.5	U	**5.9**		2.5	U	2.5	U	2.5
Iron	300	**44,900**		**32,200**		**25,600**		**163,000**		**108,000**		58.2	U	58.2
Iron, Dissolved	300	58.2	U	58.2	U	58.2	U	58.2	U	58.2	U	58.2	U	58.2
Lead	25	**56.4**		**39.1**	F1	**33.8**		**128**		**79.0**		0.84	U	0.84
Lead, Dissolved	25	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U	0.84
Magnesium	35,000	**41,000**		**53,300**	F2	**41,000**		**62,100**		**69,600**		46.9	U	46.9
Magnesium, Dissolved	35,000	**20,100**		**21,500**		**20,800**		**16,800**		**20,400**		46.9	U	46.9
Manganese	300	**2,220**		**2,540**	F2	**3,280**		**4,730**		**4,610**		1.5	U	1.5

Table 2e. Metals Groundwater Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDEC TOGS	**MW-1**		**MW-2**		**MW-3**		**MW-4**		**DUP-01 GW**		**FB-120622**		
Sample Date/Time	Standards and	12/06/2022 10:30:00		12/06/2022 12:15:00		12/06/2022 13:00:00		12/06/2022 13:45:00		12/06/2022 00:00:00		12/06/2022 14:00:00		
Matrix	Guidance Values	Water		Water		Water		Water		Water		Water		
Unit	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
WATER BY 6020B														
Aluminum	NA	**14,700**		**13,900**		**9,350**		**69,200**		**40,600**		19.5	U	19.5
Aluminum, Dissolved	NA	19.5	U	19.5	U	19.5	U	19.5	U	19.5	U	**71.9**		19.5
Manganese, Dissolved	300	**68.4**		**17.7**		**3.5**	J	**498**		**110**		1.5	U	1.5
Nickel	100	**46.9**		**50.9**	F1	**39.3**		**210**		**128**		0.91	U	0.91
Nickel, Dissolved	100	**1.7**	J	**2.2**	J	**1.7**	J	**3.7**	J	**2.0**	J	0.91	U	0.91
Potassium	NA	**7,360**		**8,210**	F1	**6,120**		**25,000**		**15,000**		112	U	112
Potassium, Dissolved	NA	**4,000**		**4,680**		**3,520**		**5,160**		**4,120**		112	U	112
Selenium	10	**2.7**		**3.0**		**0.71**	J	**1.2**	J	**3.5**		0.59	U	0.59
Selenium, Dissolved	10	**2.6**		**2.6**		**0.82**	J	**0.75**	J	**2.3**	J	0.59	U	0.59
Silver	50	0.29	U	0.29	U	0.29	U	**0.43**	J	**0.48**	J	0.29	U	0.29
Silver, Dissolved	50	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29
Sodium	20,000	**65,000**		**56,300**		**83,700**		**81,200**		**76,200**		163	U	163
Sodium, Dissolved	20,000	**66,000**		**54,000**		**83,300**		**94,600**		**67,300**		**49,100**		163
Thallium	0.5	0.21	U	0.21	U	0.21	U	**1.7**		**1.0**		0.21	U	0.21
Thallium, Dissolved	0.5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21
Vanadium	NA	**72.6**		**57.5**	F1	**41.6**		**272**		**190**		0.68	U	0.68
Vanadium, Dissolved	NA	**1.5**	J	**1.3**	J	**1.3**	J	0.68	U	**0.94**	J	0.68	U	0.68
Zinc	2,000	**119**		**109**		**78.2**		**413**		**287**		6.5	U	6.5
Zinc, Dissolved	2,000	6.5	U	6.5	U	6.5	U	6.5	U	6.5	U	6.5	U	6.5
WATER BY 7470A(UG/L)														
Mercury	0.7	0.091	U	0.091	U F2	0.091	U	**0.096**	J	0.091	U	0.091	U	0.091
Mercury, Dissolved	0.7	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091
WATER BY 7196A														
Cr (VI)	100	81.4	U	40.7	U	8.1	U	81.4	U	81.4	U	8.1	U	8.1
WATER BY 9012B														
Cyanide, Total	400	4.0	U	4.0	J F1 F2	4.0	U	4.0	U	4.0	U	4.0	U	4.0

Notes:
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Exceeds NYSDEC TOGS 1.1.1 Guidance Values
NA: No Applicable Guidance Value.

Table 3. Soil Vapor Analytical Results
1099 Webster Avenue
Bronx, New York 10456

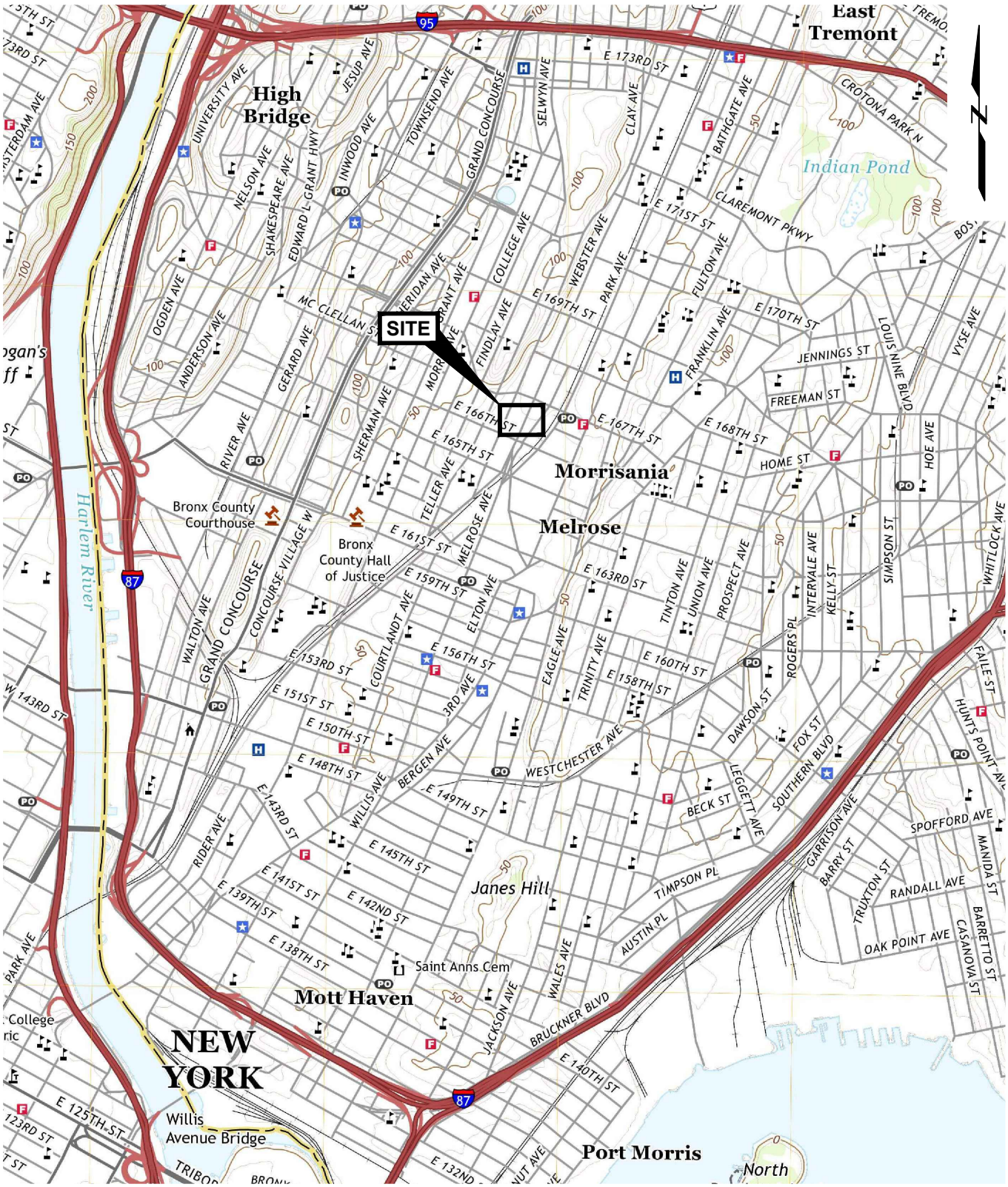
Sample ID	NYSDOH Guidance for Evaluating Soil Vapor Intrusion in New York State (October 2006) and Intrusion in New York State (October 2006) and Decision Matrix - Mitigate for Sub-Slab Conc.	**SV-1**		**SV-2**		**SV-3**		**SV-4**		**SV-5**		
Sample Date/Time		12/01/2022 13:50:00		12/01/2022 13:52:00		12/01/2022 14:00:00		12/06/2022 11:40:00		12/06/2022 11:42:00		
Matrix		Air		Air		Air		Air		Air		
Dilution Factor		1		1		1		1		1		
Unit	ug/m3	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
AIR BY TO-15												
1,1,1-Trichloroethane	1,000 and above	1.1	U	1.1	U	**6.7**		1.1	U	1.1	U	0.24
1,1,2,2-Tetrachloroethane	NA	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	0.30
1,1,2-Trichloroethane	NA	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	0.40
1,1,2-Trichlorotrifluoroethane	NA	**0.44**	J	**0.49**	J	**0.54**	J	**0.47**	J	**0.59**	J	0.41
1,1-Dichloroethane	NA	0.81	U	0.81	U	0.81	U	0.81	U	0.81	U	0.10
1,1-Dichloroethene	60 and above	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.10
1,2,4-Trichlorobenzene	NA	3.7	U	3.7	U	3.7	U	3.7	U	3.7	U	2.4
1,2,4-Trimethylbenzene	NA	0.98	U	**1.9**		**180**		**1.5**		**3.9**		0.39
1,2-Dibromoethane	NA	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.32
1,2-Dichlorobenzene	NA	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	0.40
1,2-Dichloroethane	NA	0.81	U	**7.0**		0.81	U	0.81	U	0.81	U	0.38
1,2-Dichloroethene, Total	NA	1.6	U	1.6	U	**1.4**	J	1.6	U	**0.95**	J	0.40
1,2-Dichloropropane	NA	0.92	U	0.92	U	0.92	U	0.92	U	0.92	U	0.43
1,2-Dichlorotetrafluoroethane	NA	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	0.34
1,3,5-Trimethylbenzene	NA	0.98	U	**1.1**		**87**		**0.29**	J	**0.94**	J	0.23
1,3-Butadiene	NA	0.44	U	**5.2**		**0.60**		**0.17**	J	**0.25**	J	0.086
1,3-Dichlorobenzene	NA	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	0.44
1,4-Dichlorobenzene	NA	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	0.54
1,4-Dioxane	NA	18	U	18	U	18	U	18	U	18	U	4.7
2,2,4-Trimethylpentane	NA	**0.33**	J	**47**		**35**		**1.0**		**0.83**	J	0.18
2-Chlorotoluene	NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.24
3-Chloropropene	NA	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.38
4-Ethyltoluene	NA	0.98	U	**0.89**	J	**91**		**0.36**	J	**1.1**		0.24
4-Isopropyltoluene	NA	1.1	U	1.1	U	**3.8**		**0.81**	J	**0.45**	J	0.33
Acetone	NA	**23**		**99**	**E	**71**		**38**		**26**		3.8
Benzene	NA	**0.61**	J	**83**		**19**		**1.8**		**1.1**		0.14
Benzyl chloride	NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.46
Bromodichloromethane	NA	**1.9**		1.3	U	1.3	U	1.3	U	1.3	U	0.34
Bromoethene(Vinyl Bromide)	NA	0.87	U	0.87	U	0.87	U	0.87	U	0.87	U	0.22
Bromoform	NA	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	1.2
Bromomethane	NA	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	0.28
Carbon disulfide	NA	**8.4**		**5.7**		**0.84**	J	1.6	U	**0.75**	J	0.40
Carbon tetrachloride	60 and above	0.22	U	0.22	U	**0.52**		**0.31**		0.22	U	0.14
Chlorobenzene	NA	0.92	U	0.92	U	0.92	U	0.92	U	0.92	U	0.20
Chlorodifluoromethane	NA	**0.72**	J	**0.69**	J	**2.3**		**1.1**	J	**0.97**	J	0.42
Chloroethane	NA	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	0.47
Chloroform	NA	**260**	*E	**56**		**9.4**		0.98	U	**1.3**		0.20
Chloromethane	NA	1.0	U	1.0	U	**0.59**	J	**1.1**		**3.1**		0.31
cis-1,2-Dichloroethene	60 and above	**0.34**	J	2.0	U	**1.4**	J	2.0	U	2.0	U	0.083
cis-1,3-Dichloropropene	NA	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U	0.20

Table 3. Soil Vapor Analytical Results
1099 Webster Avenue
Bronx, New York 10456

Sample ID	NYSDOH Guidance for Evaluating Soil Vapor Intrusion in New York State (October 2006) and Intrusion in New York State (October 2006) and Decision Matrix - Mitigate for Sub-Slab Conc.	**SV-1**		**SV-2**		**SV-3**		**SV-4**		**SV-5**		
Sample Date/Time		12/01/2022 13:50:00		12/01/2022 13:52:00		12/01/2022 14:00:00		12/06/2022 11:40:00		12/06/2022 11:42:00		
Matrix		Air		Air		Air		Air		Air		
Dilution Factor		1		1		1		1		1		
Unit	ug/m3	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	MDL
AIR BY TO-15												
Cumene	NA	0.98	U	**1.5**		**190**		**0.33**	J	**0.95**	J	0.20
Cyclohexane	NA	**0.20**	J	**12**		**12**		**0.52**	J	**0.45**	J	0.20
Dibromochloromethane	NA	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.54
Dichlorodifluoromethane	NA	**1.8**	J	**1.9**	J	**1.9**	J	**1.8**	J	**2.0**	J	0.54
Ethylbenzene	NA	**0.47**	J	**9.2**		**170**		**1.2**	B	**1.7**	B	0.23
Hexachlorobutadiene	NA	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	1.2
Isopropyl alcohol	NA	12	U *+	12	U *+	12	U	**9.0**	J	12	U	3.9
m,p-Xylene	NA	**0.47**	J	**30**		**810**	**D	**3.1**		**4.7**		0.41
Methyl Butyl Ketone (2-Hexanone)	NA	**0.75**	J	2.0	U	**38**	D	**0.73**	J	2.0	U	0.61
Methyl Ethyl Ketone	NA	**9.9**		**19**		**4.0**	D	**8.0**		**6.9**		1.4
methyl isobutyl ketone	NA	**7.0**		**2.7**		**2.0**	D	**0.84**	J	**3.3**		0.53
Methyl methacrylate	NA	2.0	U	2.0	U	**110**	D	2.0	U	2.0	U	0.57
Methyl tert-butyl ether	NA	0.72	U	0.72	U	**0.72**	D	0.72	U	0.72	U	0.13
Methylene Chloride	1,000 and above	1.7	U	1.7	U	**1.7**	D	**4.7**		**3.5**		0.63
Naphthalene	NA	2.6	U	2.6	U	**2.6**	D	2.6	U	2.6	U	1.6
n-Butane	NA	**1.9**		**470**	*D	**230**	**D	**10**		**4.3**		0.48
n-Butylbenzene	NA	1.1	U	1.1	U	**1.1**	D	1.1	U	1.1	U	0.60
n-Heptane	NA	0.82	U	**45**		**32**	D	**1.3**		**1.4**		0.23
n-Hexane	NA	**1.1**	J	**140**		**41**	D	**1.7**	J	**1.4**	J	0.39
n-Propylbenzene	NA	0.98	U	**0.71**	J	**86**	D	0.98	U	**0.84**	J	0.23
sec-Butylbenzene	NA	1.1	U	1.1	U	**9.3**	D	1.1	U	**0.50**	J	0.25
Styrene	NA	0.85	U	0.85	U	**0.85**	D	0.85	U	0.85	U	0.25
tert-Butyl alcohol	NA	15	U	**4.9**	J	**5.2**	D	15	U	15	U	3.6
tert-Butylbenzene	NA	1.1	U	1.1	U	**1.1**	D	1.1	U	1.1	U	0.26
Tetrachloroethene	1,000 and above	**28**		**200**		**680**	**D	**1.0**	J	**45**		0.14
Tetrahydrofuran	NA	15	U	15	U	**15**	D	15	U	15	U	3.8
Toluene	NA	**2.4**		**150**	**E	**140**	D	**6.4**		**5.1**		0.16
trans-1,2-Dichloroethene	NA	0.79	U	0.79	U	**0.79**	D	0.79	U	**0.96**		0.091
trans-1,3-Dichloropropene	NA	0.91	U	0.91	U	**0.91**	D	0.91	U	0.91	U	0.25
Trichloroethene	60 and above	**42**		**96**		**56**	D	0.19	U	**1.0**		0.13
Trichlorofluoromethane	NA	**0.92**	J	**1.4**		**1.4**	D	**0.93**	J	**0.89**	J	0.28
Vinyl chloride	60 and above	0.20	U	0.20	U	**0.20**	D	0.20	U	0.20	U	0.054
Xylene (total)	NA	**0.77**	J	**40**		**870**	D	**4.4**		**7.0**		0.48
Xylene, o-	NA	**0.29**	J	**9.6**		**410**	**D	**1.3**		**2.3**		0.23

*+ : LCS and/or LCSD is outside acceptance limits, high biased.
D : Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E : Result exceeded calibration range.
*E and *D : Secondary dilution factor of 5.
**E : Secondary dilution factor of 1.
**D : Secondary dilution factor of 4.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.
Exeeds NYSDOH Guidance for Evaluating Soil Vapor May 2017 Upated Soil Vapor / Indoor Air Decision Matrix - Mitigate for Sub-Slab Concentrations.
NA: Not Applicable.

Figures



SOURCE: USGS TOPOGRAPHICAL MAP OF CENTRAL PARK, NY NJ 2019
(www.ngmdb.usgs.gov/topoview)

Supplemental Investigation 1099 Webster Avenue Bronx, New York	GEI Consultants	SITE LOCATION MAP
Mega Development Group Long Island City, New York	Project 2203948	March 2023 Fig. 1

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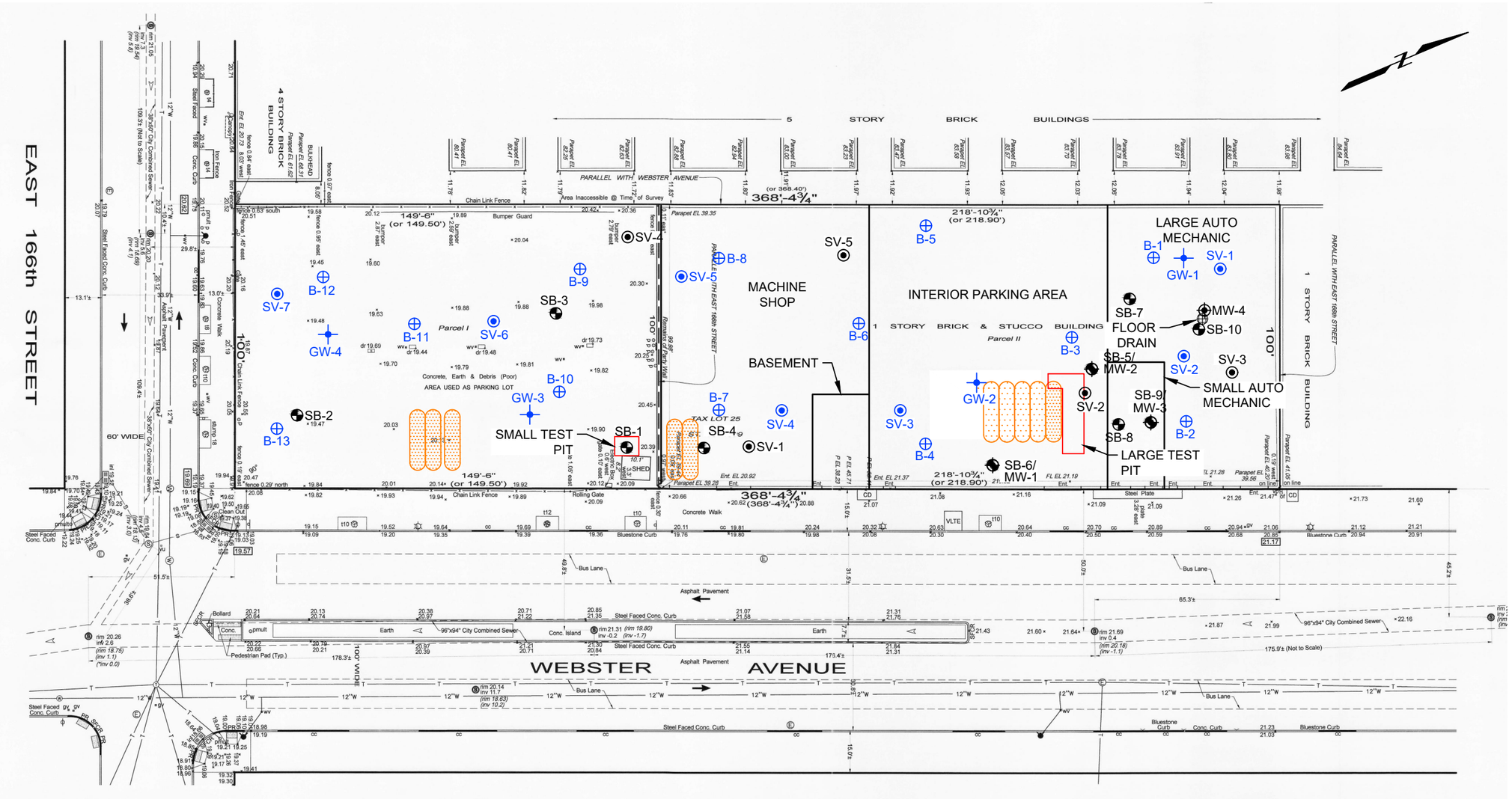

LEGEND:

- GROUNDWATER MONITORING WELL (GEI)
- SOIL BORING (GEI)
- SOIL VAPOR SAMPLE (GEI)
- FLOOR DRAIN
- TEST PIT (GEI)
- SOIL BORING (2018)
- GROUNDWATER SAMPLE (2018)
- SOIL VAPOR SAMPLE (2018)
- UST ANOMALY

NOTE: TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 Phase II ESA) WERE RELOCATED TO THE MACHINE SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
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0 40 80

SCALE: 1" = 40'

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Long Island City, New York

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SAMPLE LOCATION PLAN

Project 2203948 | March 2023 | Fig. 2

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LEGEND:

- SOIL BORING (2022)
- SOIL BORING (2018)
- FLOOR DRAIN
- UST ANOMALY (2018)
- TEST PIT (GEI)

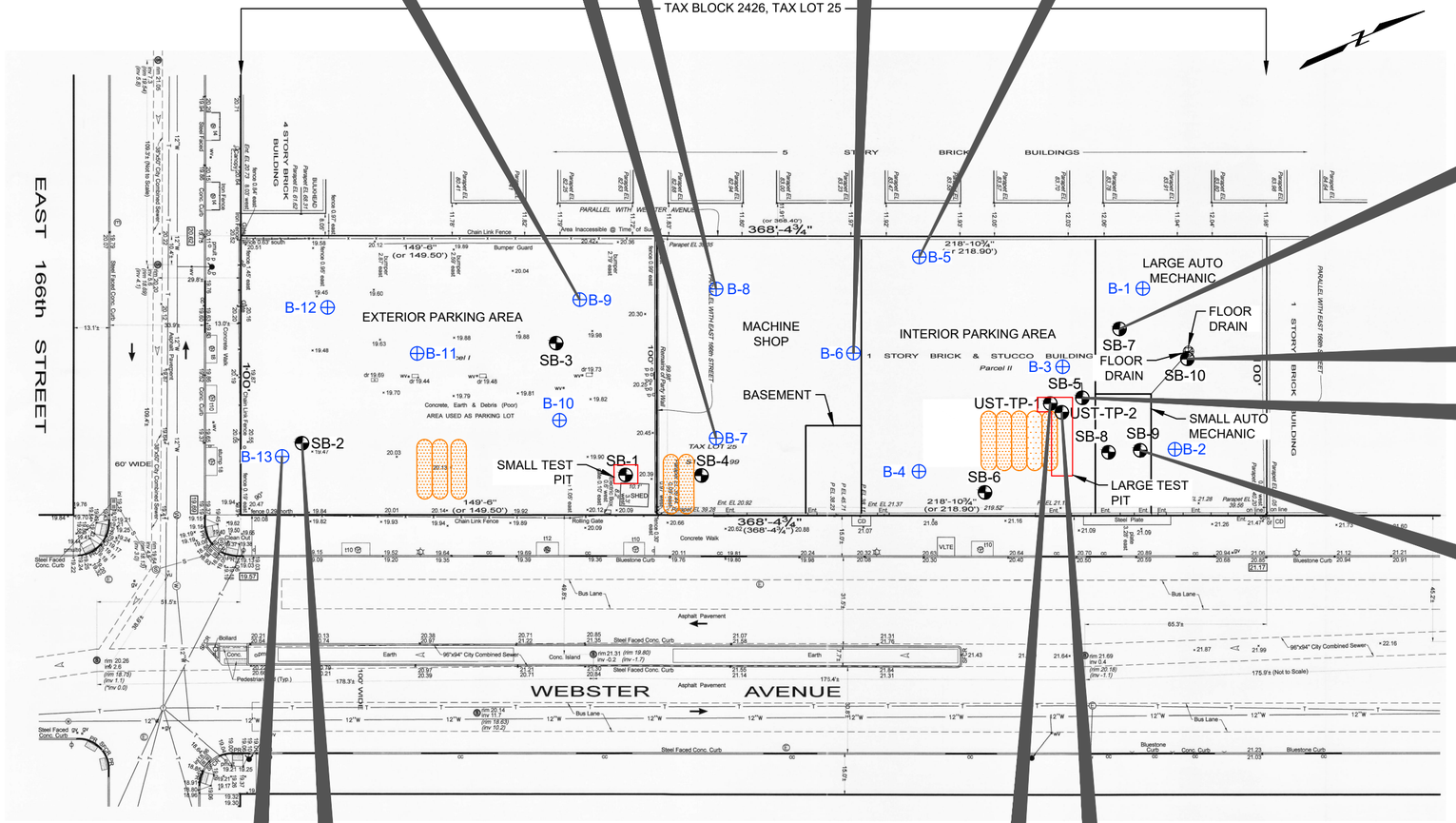
Location:	B-9 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	5/21/2018
SVOCs (mg/Kg)	
Benzo(a)anthracene	7.79
Benzo(a)pyrene	6.63
Benzo(b)fluoranthene	6.63
Benzo(k)fluoranthene	5.62
Chrysene	6.72
Dibenzo(a,h)anthracene	1.56
Indeno(1,2,3-cd)pyrene	4.17

Location:	B-7 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	5/21/2018
Metals (mg/Kg)	
Arsenic	68
Lead	69.9

Location:	B-8 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	5/21/2018
Metals (mg/Kg)	
Arsenic	113
Lead	166
Zinc	200

Location:	B-6 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	5/21/2018
VOCs (mg/Kg)	
Acetone	0.14
Pesticides (mg/Kg)	
4,4'-DDT	0.00613
Metals (mg/Kg)	
Lead	156

Location:	B-5 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	5/21/2018
Metals (mg/Kg)	
Copper	56
Lead	198
Zinc	142



Location:	B-13 (0-2)	B-13 (12-14)
Sample Depth (ft.):	0-2	12-14
Sample Date:	5/21/2018	5/21/2018
VOCs (mg/Kg)		
Acetone	0.072	0.26
Metals (mg/Kg)		
Copper	57.5	27.6
Lead	242	4.21
Mercury	0.401	0.046

Location:	SB-2 (8-10)
Sample Depth (ft.):	8-10
Sample Date:	12/1/2022
VOCs (mg/Kg)	
Acetone	0.14
Metals (mg/Kg)	
Nickel	32.2

Location:	UST-TP-1
Sample Date:	11/30/2022
Metals (mg/Kg)	
Zinc	347

Location:	UST-TP-2
Sample Date:	11/30/2022
Metals (mg/Kg)	
Zinc	327

Location:	SB-7 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	11/30/2022
SVOCs (mg/Kg)	
Benzo[b]fluoranthene	1.1
Indeno[1,2,3-cd]pyrene	0.57
Metals (mg/Kg)	
Zinc	142

Location:	SB-10 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	11/28/2022
VOCs (mg/Kg)	
1,2-Dichlorobenzene	3.4
cis-1,2-Dichloroethene	1.0
Ethylbenzene	1.7
Tetrachloroethene	18
Toluene	2.7
Trichloroethene	1.1

Location:	SB-5 (0-2)
Sample Depth (ft.):	0-2
Sample Date:	12/1/2022
Pestides (mg/Kg)	
4,4'-DDE	0.0037 J

Location:	SB-9 (8-9)
Sample Depth (ft.):	8-9
Sample Date:	11/28/2022
SVOCs (mg/Kg)	
Benzo[a]anthracene	2.6
Benzo[a]pyrene	2.3
Benzo[b]fluoranthene	3.0
Benzo[k]fluoranthene	1.2
Chrysene	2.1
Dibenz(a,h)anthracene	0.43
Indeno[1,2,3-cd]pyrene	1.6

Analyte	NYSDEC Unrestricted Use SCO	NYSDEC - Residential Use SCO	NYSDEC - Restricted Residential Use SCO	NYSDEC - Commercial Use SCO	NYSDEC - Industrial Use SCO
VOCs (mg/Kg)					
1,2-Dichlorobenzene	1.1	100	100	500	1,000
Acetone	0.05	100	100	500	1,000
cis-1,2-Dichloroethene	0.25	59	100	500	1,000
Ethylbenzene	1	30	41	390	780
Tetrachloroethene	1.3	5.5	19	150	300
Toluene	0.7	100	100	500	1,000
Trichlorethene	0.47	10	21	200	400
SVOCs (mg/Kg)					
Benzo[a]anthracene	1	1	1	5.6	11
Benzo[a]pyrene	1	1	1	1	1.1
Benzo[b]fluoranthene	1	1	1	5.6	11
Benzo[k]fluoranthene	0.8	1	3.9	56	110
Chrysene	1	1	3.9	56	110
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.56	1.1
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11
Pesticides (mg/Kg)					
4,4'-DDE	0.0033	1.8	8.9	62	120
4,4'-DDT	0.0033	1.7	7.9	47	94
Metals (mg/Kg)					
Arsenic	13	16	16	16	16
Copper	50	270	270	270	10,000
Lead	63	400	400	1,000	3,900
Mercury	0.18	0.81	0.81	2.8	5.7
Nickel	30	140	310	310	10,000
Zinc	109	2,200	10,000	10,000	10,000

NOTES:

TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 Phase II ESA) WERE RELOCATED TO THE MACHINE SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS

mg/Kg = MILLIGRAMS/KILOGRAM OR PARTS PER MILLION (ppm)

VOC = VOLATILE ORGANIC COMPOUND

SVOC = SEMI-VOLATILE ORGANIC COMPOUND

NYSDEC = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SCO = SOIL CLEANUP OBJECTIVES

EXCEEDS NYSDEC PART 375 INDUSTRIAL USE SCO

EXCEEDS NYSDEC PART 375 COMMERCIAL USE SCO

EXCEEDS NYSDEC PART 375 RESTRICTED RESIDENTIAL USE SCO

EXCEEDS NYSDEC PART 375 RESIDENTIAL USE SCO

EXCEEDS NYSDEC PART 375 UNRESTRICTED USE SCO

SOURCES:

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0 40 80

SCALE: 1" = 40'

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Long Island City, New York

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JULY 2018 AND DECEMBER 2022 SOIL EXCEEDANCE SUMMARY

Project 2203948 | March 2023 | Fig. 3

LEGEND:

- GROUNDWATER MONITORING WELL (2022)
- GROUNDWATER SAMPLE (2018)
- FLOOR DRAIN
- UST ANOMALY (2018)

Analyte	NYSDEC TOGS Class GA Standards and Guidance Values
SVOCs (ug/L)	
Benzo(a)antrhacene	0.002
Benzo(a)pyrene	0.002
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Pesticides (ug/L)	
Chlordane, Total	0.05
PCBs (ug/L)	
Total PCBS	0.09
Metals (ug/L)	
Arsenic	25
Barium	1,000
Beryllium	3
Chromium	50
Copper	200
Iron	300
Lead	25
Magnesium	35,000
Manganese	300
Nickel	100
Selenium	10
Sodium	20,000
Thallium	0.50

NOTES:

TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 Phase II ESA) WERE RELOCATED TO THE MACHINE SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS

ug/L = MICROGRAMS/LITER OR PARTS PER BILLION (ppb)

PCBs = POLYCHLORINATED BIPHENYLS

SVOC = SEMI-VOLATILE ORGANIC COMPOUND

NYSDEC = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

TOGS = TECHNICAL AND OPERATIONAL GUIDANCE SERIES

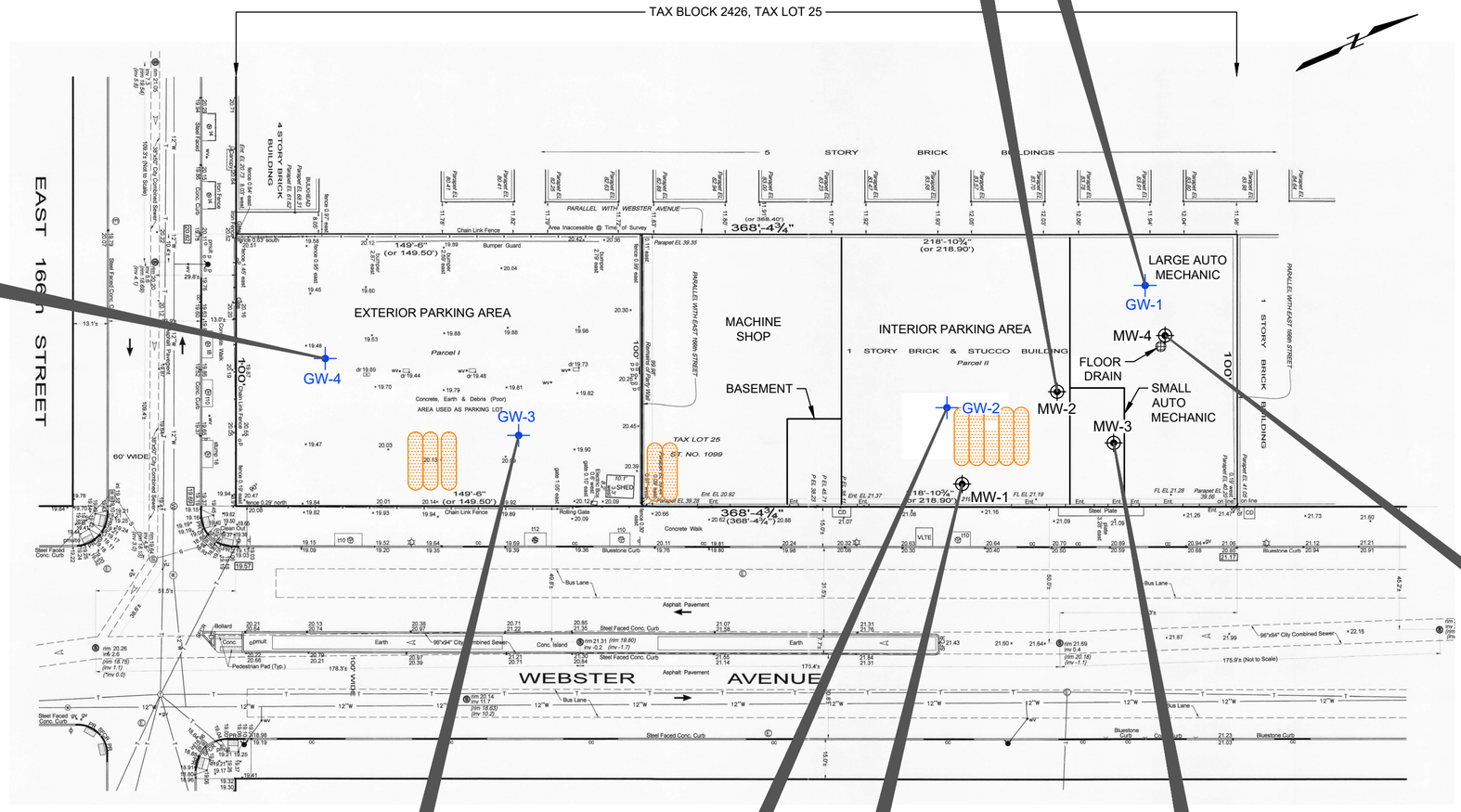
SCO = SOIL CLEANUP OBJECTIVES

EXCEEDS NYSDEC TOGS CLASS GA STANDARDS AND GUIDANCE VALUES

Location: / Sample Date:	GW-1 5/21/2018
Pesticides (ug/L)	
Chlordane, Total	0.0682
Total Metals (ug/L)	
Barium	3,660
Chromium	688
Arsenic	35.4
Copper	574
Lead	150
Magnesium	395,000
Manganese	25,900
Nickel	465
Sodium	134,000
Selenium	42.8
Dissolved Metals (ug/L)	
Manganese	1,020
Sodium	109,000
PCBs (ug/L)	
Total PCBs	3.74

Location: / Sample Date:	MW-2 12/6/2022
Total Metals (ug/L)	
Chromium	74.4
Iron	32,200
Lead	39.1
Magnesium	53,300
Manganese	2,540
Sodium	56,300
Dissolved Metals (ug/L)	
Sodium	54,000

Location: / Sample Date:	GW-4 5/22/2018
Total Metals (ug/L)	
Manganese	2,180
Sodium	52,500
Dissolved Metals (ug/L)	
Manganese	655
Sodium	48,600
PCBs (ug/L)	
Total PCBs	4.44 D



Location: / Sample Date:	GW-3 5/22/2018
Total Metals (ug/L)	
Manganese	825
Sodium	65,500
Dissolved Metals (ug/L)	
Manganese	554
Sodium	65,200
PCBs (ug/L)	
Total PCBs	5.44 D

Location: / Sample Date:	GW-2 5/21/2018
SVOCs (ug/L)	
Benzo(a)anthracene	0.295
Benzo(a)pyrene	0.411
Benzo(b)fluoranthene	0.295
Benzo(k)fluoranthene	0.337
Total Metals (ug/L)	
Chromium	69.3
Copper	208
Lead	805
Manganese	1,130
Selenium	32.8
Sodium	99,200
Dissolved Metals (ug/L)	
Sodium	91,500
Selenium	39.5
PCBs (ug/L)	
Total PCBs	7.76 D

Location: / Sample Date:	MW-1 12/6/2022
Total Metals (ug/L)	
Chromium	72.7
Iron	44,900
Lead	56.4
Magnesium	41,000
Manganese	2,220
Sodium	65,000
Dissolved Metals (ug/L)	
Sodium	66,000

Location: / Sample Date:	MW-3 12/6/2022
Total Metals (ug/L)	
Iron	25,600
Lead	33.8
Magnesium	41,000
Manganese	3,280
Sodium	83,700
Dissolved Metals (ug/L)	
Sodium	83,300

Location: / Sample Date:	MW-4 12/6/2022
Total Metals (ug/L)	
Arsenic	30.2
Beryllium	3.5
Chromium	467
Copper	339
Lead	128
Magnesium	62,100
Manganese	4,730
Nickel	210
Sodium	81,200
Thallium	1.7
Dissolved Metals (ug/L)	
Sodium	94,600
Manganese	498

SOURCES:

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0 40 80

SCALE: 1" = 40'

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Long Island City, New York

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JULY 2018 AND DECEMBER 2022 GROUNDWATER EXCEEDANCE SUMMARY

Project 2203948 | March 2023 | Fig. 4

LEGEND:

- SOIL VAPOR PROBE (2022)
- SOIL VAPOR PROBE (2018)
- FLOOR DRAIN
- UST ANOMALY (2018)

Analyte	NYSDOH May 2017 Updated Soil Vapor / Indoor Air Decision Matrix Guidance
CVOCs (µg/m³)	
Tetrachloroethene	1,000 and above
Trichloroethene	60 and above

NOTES:

TWO 2018 UST ANOMALY PREVIOUSLY DEPICTED IN THE NORTHEAST CORNER OF THE EXTERIOR PARKING AREA (2018 Phase II ESA) WERE RELOCATED TO THE MACHINE SHOP, BASED ON 2022 GEOPHYSICAL SURVEY AND FIELD OBSERVATION OF UST VENTS

(µg/m³): MICROGRAMS PER CUBIC METER AIR (ppb)

CVOCs: CHLORINATED VOLATILE ORGANIC COMPOUNDS.

BTEX: TOTAL BENZENE, TOLUENE, ETHYLBENZENE & XYLENE.

EXCEEDS GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION IN NEW YORK STATE (OCTOBER 2006) AND MAY 2017 UPDATED SOIL VAPOR / INDOOR AIR DECISION MATRIX

Sample ID:	SV-4
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	1.8
Ethylbenzene	1.2
Toluene	6.4
Xylene (total)	4.4
Total BTEX	13.8
CVOCs (µg/m³)	
Tetrachloroethene	1.0
Trichloroethene	0.19

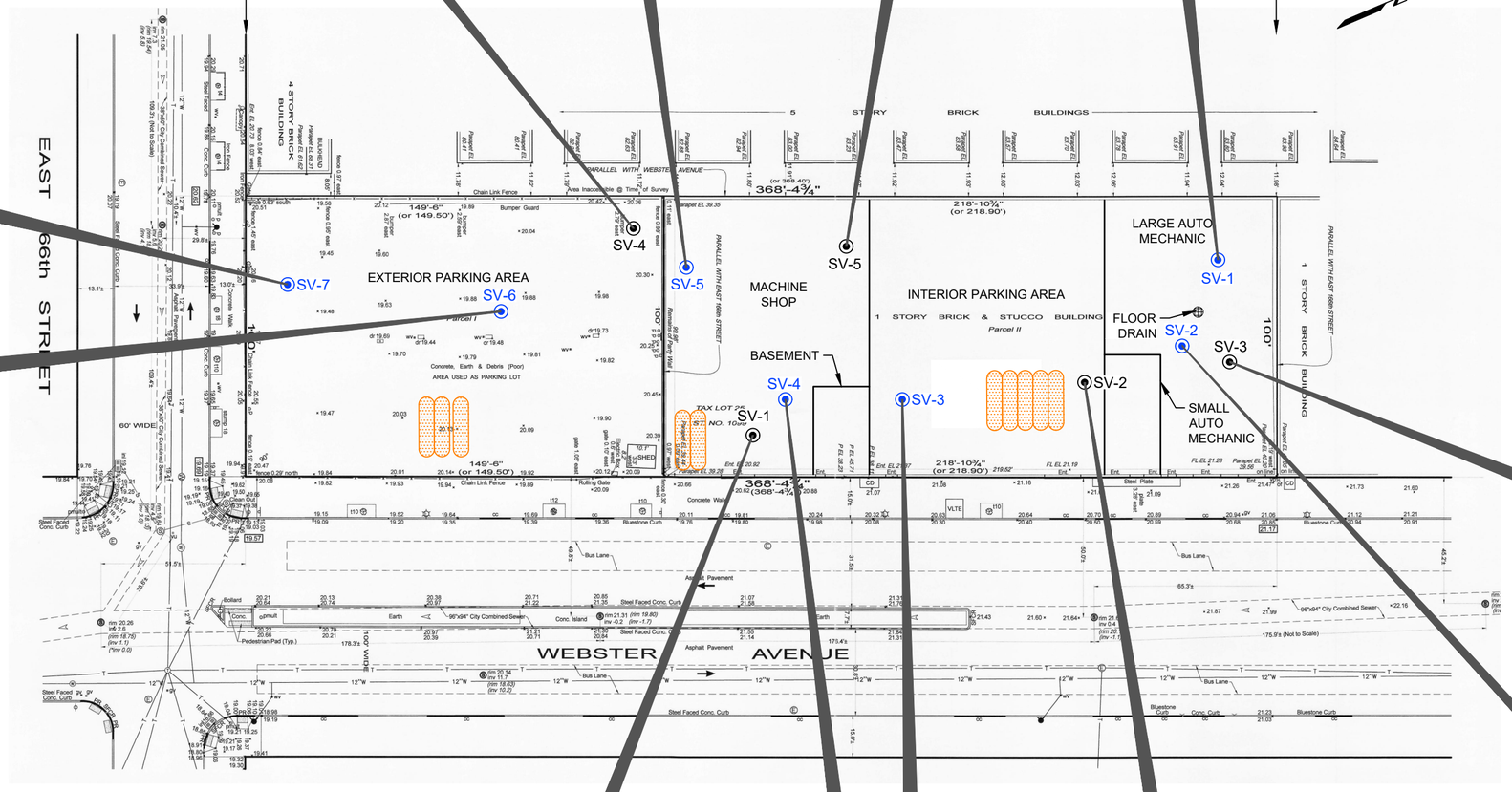
Sample ID:	SV-5
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	20
Ethylbenzene	86
Toluene	150
Xylene (total)	560
Total BTEX	816
CVOCs (µg/m³)	
Tetrachloroethene	20
Trichloroethene	12

Sample ID:	SV-5
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	1.1
Ethylbenzene	1.7
Toluene	5.1
Xylene (total)	7.0
Total BTEX	14.9
CVOCs (µg/m³)	
Tetrachloroethene	45
Trichloroethene	1.0

Sample ID:	SV-1
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	38
Ethylbenzene	100
Toluene	230
Xylene (total)	620
Total BTEX	988
CVOCs (µg/m³)	
Tetrachloroethene	200
Trichloroethene	11

Sample ID:	SV-7
Sample Matrix:	Soil Vapor
Sample Date:	5/22/2018
BTEX (µg/m³)	
Benzene	15
Ethylbenzene	88
Toluene	150
Xylene (total)	600
Total BTEX	853
CVOCs (µg/m³)	
Tetrachloroethene	62
Trichloroethene	34

Sample ID:	SV-6
Sample Matrix:	Soil Vapor
Sample Date:	5/22/2018
BTEX (µg/m³)	
Benzene	68
Ethylbenzene	58
Toluene	190
Xylene (total)	263
Total BTEX	579
CVOCs (µg/m³)	
Tetrachloroethene	1.4
Trichloroethene	1.3



Sample ID:	SV-1
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	0.61
Ethylbenzene	0.47
Toluene	2.4
Xylene (total)	0.77
Total BTEX	4.25
CVOCs (µg/m³)	
Tetrachloroethene	28
Trichloroethene	42

Sample ID:	SV-4
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	73
Ethylbenzene	140
Toluene	340
Xylene (total)	970
Total BTEX	1523
CVOCs (µg/m³)	
Tetrachloroethene	380
Trichloroethene	180

Sample ID:	SV-3
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	27
Ethylbenzene	99
Toluene	180
Xylene (total)	650
Total BTEX	956
CVOCs (µg/m³)	
Tetrachloroethene	200
Trichloroethene	390

Sample ID:	SV-2
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	83
Ethylbenzene	9.2
Toluene	150
Xylene (total)	40
Total BTEX	282.2
CVOCs (µg/m³)	
Tetrachloroethene	200
Trichloroethene	96

Sample ID:	SV-3
Sample Matrix:	Soil Vapor
Sample Date:	12/1/2022
BTEX (µg/m³)	
Benzene	19
Ethylbenzene	170
Toluene	140
Xylene (total)	870
Total BTEX	1,199
CVOCs (µg/m³)	
Tetrachloroethene	680
Trichloroethene	56

Sample ID:	SV-2
Sample Matrix:	Soil Vapor
Sample Date:	5/21/2018
BTEX (µg/m³)	
Benzene	22
Ethylbenzene	85
Toluene	150
Xylene (total)	570
Total BTEX	827
CVOCs (µg/m³)	
Tetrachloroethene	1,200
Trichloroethene	12

SOURCES:

1. FIGURE BASED ON *SURVEY NO. 67417, CITY OF NEW YORK, COUNTY: BRONX, TAX BLOCK: 2426, TAX LOT: 25* PREPARED BY MONTROSE SURVEYING CO., LLP, SCALE: 1" = 20', DATE: 08-10-22.
2. SAMPLE LOCATIONS FROM *FIGURE 1: SAMPLE COLLECTION LOCATIONS, PROPERTY LOCATED AT 1099-1135 WEBSTER AVENUE, BRONX, NEW YORK,* PREPARED BY ENVIRONMENTAL STUDIES CORPORATION, SCALE: 1" = 50'.
3. UST ANOMALIES FROM FROM *FIGURE 2: GEOPHYSICAL SURVEY POTENTIAL USTs, PROPERTY LOCATED AT 1099-1135 WEBSTER AVENUE, BRONX, NEW YORK,* PREPARED BY ENVIRONMENTAL STUDIES CORPORATION, SCALE: 1" = 50'.

0 40 80

SCALE: 1" = 40'

Supplemental Investigation
1099 Webster Avenue
Bronx, New York

Mega Development Group
Long Island City, New York

GEI Consultants

JULY 2018 AND DECEMBER 2022 SOIL VAPOR BTEX, TCE, AND PCE CONCENTRATIONS AND EXEEDANCE SUMMARY

Project 2203948 | March 2023 | Fig. 5